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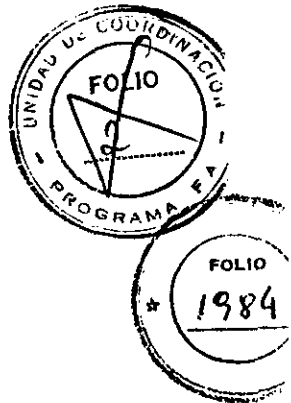
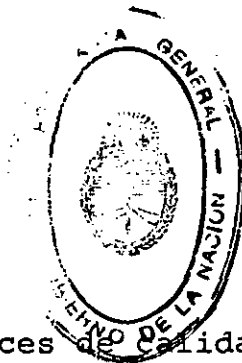
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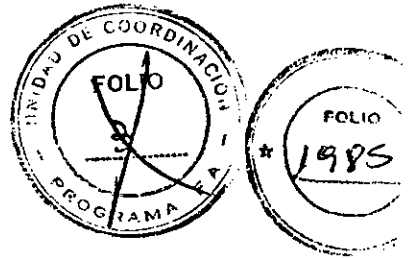
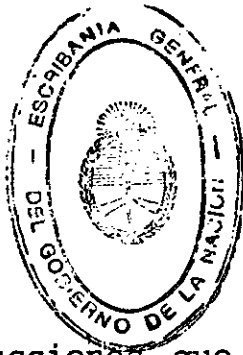
- 1 Servicio a prestar.
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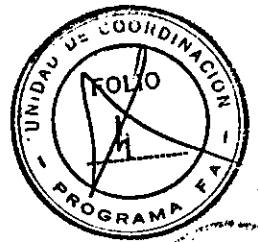
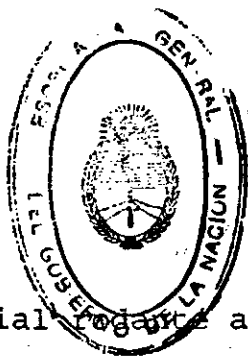
Delimitación área operativa.

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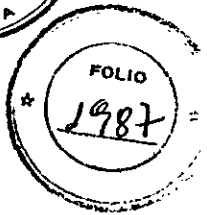
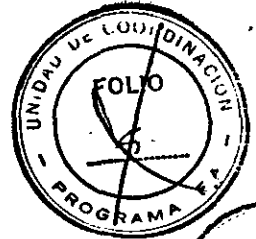
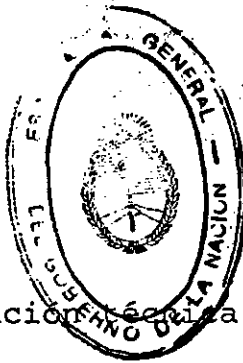
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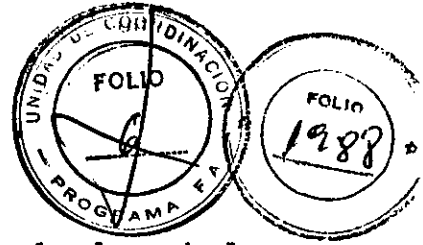
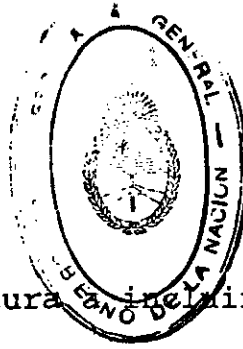
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TOMO VI

Anexo XVI

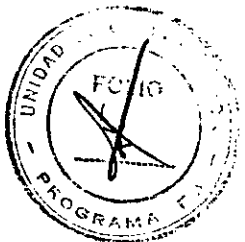
Planos del área operativa (1 a 36).

TOMO VII

Anexo XVI

Planos del área operativa (37 a 72).

GRUPO DE SERVICIOS 4
ANEXO XXI



INVENTARIO DE MATERIALES Y REPUESTOS A TRANSFERIR

Los listados de este Anexo, preparados y valorizados por FE.ME.SA., contienen el detalle de los materiales y repuestos a ser transferidos al Concesionario.

En los mismos se indican, para cada una de las locaciones físicas (almacenes) del área de la concesión, las cantidades en existencia y los valores unitarios estimados por FE.ME.SA.

Los listados que integran este inventario preliminar serán suscriptos por el Ing. Aquiles Galassi, en representación de FE.ME.SA. y por el Ing. José Ramón Jorba, en representación del Concesionario.

Entre la fecha de la firma del contrato y la fecha de Toma de Posesión, ambas partes revisarán los inventarios, cuyo caracter es preliminar.

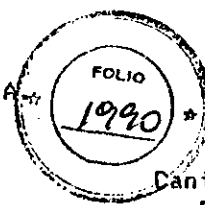
Dentro de los ciento veinte (120) días siguientes a la Toma de Posesión, una comisión técnica integrada por representantes de FE.ME.SA. y del Concesionario, realizarán el inventario definitivo de los materiales y repuestos que han sido efectivamente transferidos. Los que el Concesionario no desee recibir, serán eliminados de dichos listados y retirados por FE.ME.SA. dentro de los noventa (90) días posteriores a la comunicación de tal decisión.

Posteriormente, y dentro de un plazo de ciento ochenta (180) días, la comisión controlará y acordará la valorización de los materiales y repuestos que haya preparado FE.ME.SA.

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

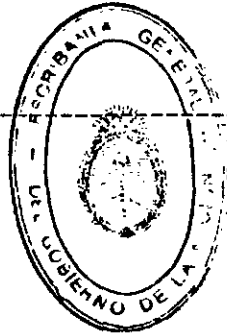


Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

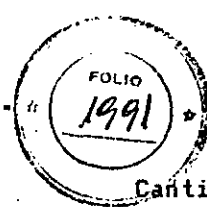
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5	00510104500		1	5.00	0.0000 +	0.00
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7	00510104560		1	1.00	0.0000 +	0.00
8	00510104630		1	3.00	0.0000 +	0.00
9	00510104750		1	33.00	0.0000 +	0.00
10	00510105950		1	16.00	0.0000 +	0.00
11	00510105980		1	20.00	0.0000 +	0.00
12	00510106050		1	18.00	0.0000 +	0.00
13	00510106060		1	11.00	0.0000 +	0.00
14	00510107460		1	8.00	0.0000 +	0.00
15	00510107500	RESORTE DE SUSPENSION	1	43.00	0.0000 +	0.00
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17	00510107530		1	28.00	0.0000 +	0.00
18	00510107540		1	53.00	0.0000 +	0.00
19	00510107560		1	28.00	0.0000 +	0.00
20	00510107570		1	28.00	0.0000 +	0.00
21	00510107700		1	8.00	0.0000 +	0.00
22	00510107730		1	6.00	0.0000 +	0.00
23	00510108740	PLACA DE DESGASTE	1	16.00	197.6164	3161.86
24	00510110000		1	1.00	0.0000 +	0.00
25	00510110010		1	3.00	0.0000 +	0.00
26	00510111210		1	3.00	0.0000 +	0.00
27	00510111250		1	3.00	0.0000 +	0.00
28	00510112290		1	1.00	0.0000 +	0.00
29	00510112320		1	4.00	0.0000 +	0.00
30	00510112330		1	150.00	0.0000 +	0.00
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32	00510112400	BLOCK MONTAJE DE GOMA	1	11.00	4.2350	46.59
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35	00510113650		1	10.00	0.0000 +	0.00
36	00510113680		1	13.00	0.0000 +	0.00
37	00510113740		1	20.00	0.0000 +	0.00
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44	00510114060		1	22.00	0.0000 +	0.00
45	00510114070		1	29.00	0.0000 +	0.00
46	00510114210		1	12.00	0.0000 +	0.00
47	00510120930		1	6.00	0.0000 +	0.00
48	00510120970		1	12.00	0.0000 +	0.00
49	00510120990	RESORTE SUPENSION	1	6.00	22.0344	132.21
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51	00510121070		1	15.00	0.0000 +	0.00
52	00520101260		1	5.00	0.0000 +	0.00
53	00520101790		1	6.00	0.0000 +	0.00
54	00520102970		1	1.00	0.0000 +	0.00
55	00520103160		1	9.00	0.0000 +	0.00
56	00520103170		1	1.00	0.0000 +	0.00
57	00520202020		1	11.00	0.0000 +	0.00
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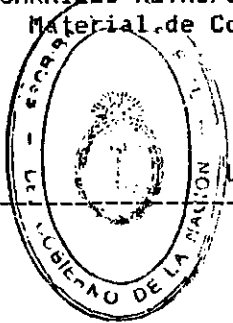
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Línea : 21
Almacén: 213021

Cantidad de PROGRAMAS 34708/94
Precios al 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
59	00520202130		1	13.00	0.0000 +	0.00
60	00520202140		1	21.00	0.0000 +	0.00
61	00520202170		1	22.00	0.0000 +	0.00
62	00520204570		1	20.00	0.0000 +	0.00
63	00520207570	VIDRIO DE SEGURIDAD	1	3.00	31.8980	95.69
64	00520207710		1	25.00	0.0000 +	0.00
65	00520208230	VIDRIO DE SEGURIDAD VENTANA	1	15.00	0.0000 +	0.00
66	00520208240		1	16.52	0.0000 +	0.00
67	00520208610		1	10.00	0.0000 +	0.00
68	00530200080		1	2.00	0.0000 +	0.00
69	00530200270		1	2.00	0.0000 +	0.00
70	00530201430		1	7.00	0.0000 +	0.00
71	00530201700	ESPARRAGO P/CILINDRO	1	63.00	35.3365	2226.20
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73	00530201790		1	1.00	0.0000 +	0.00
74	00530201840		1	52.00	0.0000 +	0.00
75	00530202890		1	15.00	0.0000 +	0.00
76	00530202910		1	6.00	0.0000 +	0.00
77	00530203940		1	4.00	0.0000 +	0.00
78	00530206280		1	10.00	0.0000 +	0.00
79	00530206370		1	1.00	0.0000 +	0.00
80	00530206440		1	20.00	0.0000 +	0.00
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82	00530209310		1	8.00	0.0000 +	0.00
83	00530209330		1	15.00	0.0000 +	0.00
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96	00530218050		1	47.00	0.0000 +	0.00
97	00530300060		1	4.00	0.0000 +	0.00
98	00530301300	BUJE PERNO SECUNDARIO	1	1.00	0.1391 #	0.14
99	00530301900	BICLETA	1	9.00	0.0000 +	0.00
100	00530302000		1	1.00	0.0000 +	0.00
101	00530302490		1	4.00	0.0000 +	0.00
102	00530303600		1	56.00	0.0000 +	0.00
103	00530303850	PISTON CIL. COOPER	1	40.00	1520.5991	60823.96
104	00530304680		1	292.00	0.0000 +	0.00
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109	00530402370		1	6.00	0.0000 +	0.00
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112	00530404820		1	3.00	0.0000 +	0.00
113	00530404860		1	6.00	0.0000 +	0.00
114	00530406190	ENGRANAJE ARBOL LEVA	1	1.00	0.0000 +	0.00
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ANEXO

AD

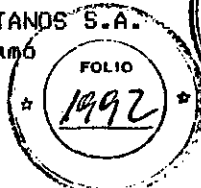
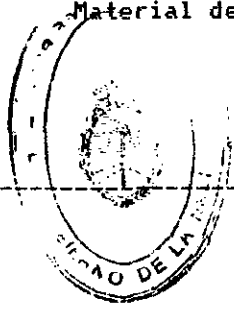
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 3

Línea : 21
Almacén: 213021

Valores al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
117	00530406410		1	4.00	0.0000 +	0.00
118	00530406500		1	2.00	0.0000 +	0.00
119	00530407800		1	1.00	0.0000 +	0.00
120	00530407810		1	5.00	0.0000 +	0.00
121	00530407850		1	17.00	0.0000 +	0.00
122	00530407860	RIDILLO LEVA	1	6.00	0.1391 #	0.83
123	00530407870	BUJE	1	4.00	0.1391 #	0.56
124	00530407880		1	10.00	0.0000 +	0.00
125	00530407890		1	110.00	0.0000 +	0.00
126	00530407900		1	38.00	0.0000 +	0.00
127	00530407920		1	64.00	0.0000 +	0.00
128	00530407930		1	50.00	0.0000 +	0.00
129	00530407940		1	84.00	0.0000 +	0.00
130	00530409080		1	190.00	0.0000 +	0.00
131	00530409100		1	1.00	0.0000 +	0.00
132	00530410000		1	41.00	0.0000 +	0.00
133	00530410020		1	111.00	0.0000 +	0.00
134	00530410030		1	80.00	0.0000 +	0.00
135	00530410060		1	258.00	0.0000 +	0.00
136	00530500050		1	16.00	0.0000 +	0.00
137	00530500060		1	5.00	0.0000 +	0.00
138	00530500070	JUNTA TAPA SUPERIOR	1	38.00	0.1391 #	5.29
139	00530500240		1	20.00	0.0000 +	0.00
140	00530509390		1	21.00	0.0000 +	0.00
141	00530511800		1	2.00	0.0000 +	0.00
142	00530511940		1	1.00	0.0000 +	0.00
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145	00530513210		1	0.00	0.0000 +	0.00
146	00530513250		1	1.00	0.0000 +	0.00
147	00530513260		1	2.00	0.0000 +	0.00
148	00530513320		1	31.00	0.0000 +	0.00
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153	00530513560	CANOS	1	6.00	64.5082	387.05
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161	00530513750		1	5.00	0.0000 +	0.00
162	00530513770		1	9.00	0.0000 +	0.00
163	00530513780		1	7.00	0.0000 +	0.00
164	00530513790		1	28.00	0.0000 +	0.00
165	00530513800		1	16.00	0.0000 +	0.00
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170	00530513920		1	4.00	0.0000 +	0.00
171	00530513960		1	8.00	0.0000 +	0.00
172	00530514320		1	1.00	0.0000 +	0.00
173	00530514990		1	4.00	0.0000 +	0.00
174	00530515010	TUBO	1	10.00	0.1391 #	1.39

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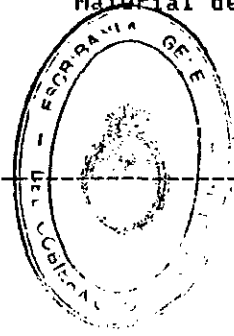
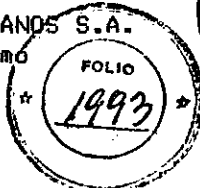
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 4

Línea : 21
Almacén: 213021



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
175	00530515020	TUBO	1	3.00	0.1391 #	0.42
176	00530515050		1	5.00	0.0000 +	0.00
177	00530515060		1	5.00	0.0000 +	0.00
178	00530515090		1	30.00	0.0000 +	0.00
179	00530517440		1	18.00	0.0000 +	0.00
180	00530517760		1	2.00	0.0000 +	0.00
181	00530517780		1	2.00	0.0000 +	0.00
182	00530517810		1	48.00	0.0000 +	0.00
183	00530518170		1	1.00	0.0000 +	0.00
184	00530530110		1	145.00	0.0000 +	0.00
185	00530550230		1	7.00	0.0000 +	0.00
186	00530560020		1	1.00	0.0000 +	0.00
187	00530560360	CUERPO	1	2.00	18545.6902	37091.38
188	00530562210		1	51.00	0.0000 +	0.00
189	00530570010		1	2.00	0.0000 +	0.00
190	00530570290		1	12.00	0.0000 +	0.00
191	00530570970		1	32.00	0.0000 +	0.00
192	00530571450	SAGMENTO DE ACOFLE	1	1.00	0.0000 +	0.00
193	00530600080		1	110.00	0.0000 +	0.00
194	00530600090		1	10.00	0.0000 +	0.00
195	00530600100	JUNTA P/VALVULA ALIMENTACION	1	102.00	0.1391 #	14.19
196	00530600120		1	7.00	0.0000 +	0.00
197	00530600290		1	50.00	0.0000 +	0.00
198	00530600320		1	6.00	0.0000 +	0.00
199	00530600330		1	298.00	0.0000 +	0.00
200	00530600340		1	10.00	0.0000 +	0.00
201	00530600400		1	33.00	0.0000 +	0.00
202	00530600410		1	20.00	0.0000 +	0.00
203	00530600430		1	1.00	0.0000 +	0.00
204	00530600470		1	13.00	0.0000 +	0.00
205	00530600660		1	8.00	0.0000 +	0.00
206	00530601490		1	9.00	0.0000 +	0.00
207	00530601500	TOBERA PULVERIZADORA	1	1.00	44.9262	44.93
208	00530601510		1	6.00	0.0000 +	0.00
209	00530601550		1	8.00	0.0000 +	0.00
210	00530601560		1	40.00	0.0000 +	0.00
211	00530601580		1	1.00	0.0000 +	0.00
212	00530601590		1	10.00	0.0000 +	0.00
213	00530601600		1	8.00	0.0000 +	0.00
214	00530601610		1	20.00	0.0000 +	0.00
215	00530601660		1	84.00	0.0000 +	0.00
216	00530603150		1	8.00	0.0000 +	0.00
217	00530603160		1	8.00	0.0000 +	0.00
218	00530603260		1	11.00	0.0000 +	0.00
219	00530604370		1	5.00	0.0000 +	0.00
220	00530604410		1	15.00	0.0000 +	0.00
221	00530604420		1	9.00	0.0000 +	0.00
222	00530604450		1	3.00	0.0000 +	0.00
223	00530604460		1	33.00	0.0000 +	0.00
224	00530604500		1	41.00	0.0000 +	0.00
225	00530605420		1	43.00	0.0000 +	0.00
226	00530606840	JUNTA FLITRO	1	40.00	1.9140	76.56
227	00530609490		1	3.00	0.0000 +	0.00
228	00530609560		1	30.00	0.0000 +	0.00
229	00530617290		1	28.00	0.0000 +	0.00
230	00530617300		1	3.00	0.0000 +	0.00
231	00530617320		1	5.00	0.0000 +	0.00
232	00530617340		1	1.00	0.0000 +	0.00

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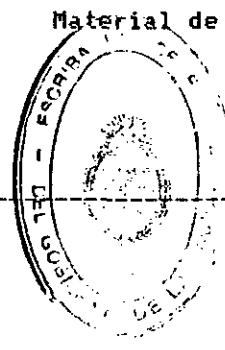
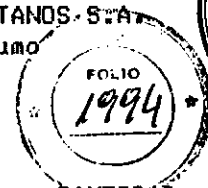
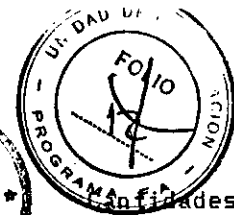
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 5

Línea : 21
Almacén: 213021



Ampliaciones al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
233	00530700020		1	4.00	0.0000 +	0.00
234	00530700030		1	1.00	0.0000 +	0.00
235	00530700040		1	23.00	0.0000 +	0.00
236	00530700060		1	5.00	0.0000 +	0.00
237	00530700090		1	17.00	0.0000 +	0.00
238	00530700100		1	26.00	0.0000 +	0.00
239	00530700110		1	19.00	0.0000 +	0.00
240	00530700150	JUNTA	1	10.00	0.1391 #	1.39
241	00530700160		1	24.00	0.0000 +	0.00
242	00530700170	JUNTA	1	4.00	0.1391 #	0.56
243	00530700210		1	14.00	0.0000 +	0.00
244	00530700230		1	1.00	0.0000 +	0.00
245	00530700290		1	26.00	0.0000 +	0.00
246	00530702850		1	13.00	0.0000 +	0.00
247	00530705030		1	24.00	0.0000 +	0.00
248	00530710080		1	6.00	0.0000 +	0.00
249	00530710090		1	6.00	0.0000 +	0.00
250	00530710100		1	10.00	0.0000 +	0.00
251	00530714150		1	39.00	0.0000 +	0.00
252	00530714160		1	71.00	0.0000 +	0.00
253	00530714780		1	50.00	0.0000 +	0.00
254	00530721800		1	41.00	0.0000 +	0.00
255	00530721810		1	4.00	0.0000 +	0.00
256	00530724290		1	1.00	0.0000 +	0.00
257	00530727750		1	20.00	0.0000 +	0.00
258	00530771280	FILTRO DE ACEITE	1	12.00	61.5411	738.49
259	00530800170		1	10.00	0.0000 +	0.00
260	00530800200		1	1.00	0.0000 +	0.00
261	005308001600		1	7.00	0.0000 +	0.00
262	005308001710		1	4.00	0.0000 +	0.00
263	005308005010		1	1.00	0.0000 +	0.00
264	005308005040		1	90.00	0.0000 +	0.00
265	005308005060		1	61.00	0.0000 +	0.00
266	005308014040		1	25.00	0.0000 +	0.00
267	005308014050		1	1.00	0.0000 +	0.00
268	005308014880		1	38.00	0.0000 +	0.00
269	005308041050		1	6.00	0.0000 +	0.00
270	00530900390		1	100.00	0.0000 +	0.00
271	00530901310		1	19.00	0.0000 +	0.00
272	00530904230		1	26.00	0.0000 +	0.00
273	00530911820		1	10.00	0.0000 +	0.00
274	00530921020		1	2.00	0.0000 +	0.00
275	00530921040		1	1.00	0.0000 +	0.00
276	00530921050		1	9.00	0.0000 +	0.00
277	00530921090		1	2.00	0.0000 +	0.00
278	00550100140		1	138.00	0.0000 +	0.00
279	00550100380		1	21.00	0.0000 +	0.00
280	00550101390		1	48.00	0.0000 +	0.00
281	00550101590		1	0.00	0.0000 +	0.00
282	00550101920		1	5.00	0.0000 +	0.00
283	00550101960		1	9.00	0.0000 +	0.00
284	00550102150		1	27.00	0.0000 +	0.00
285	00550102660		1	5.00	0.0000 +	0.00
286	00550103220		1	30.00	0.0000 +	0.00
287	00550103340		1	7.00	0.0000 +	0.00
288	00550103630		1	7.00	0.0000 +	0.00
289	00550107700		1	3.00	0.0000 +	0.00
290	00550115080		1	59.00	0.0000 +	0.00

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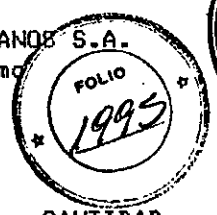
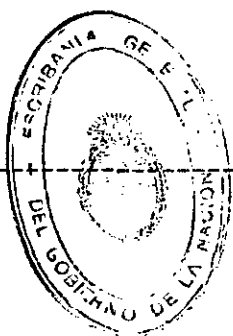
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 6

Línea : 21
Almacén: 213021

Costos al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
291	00550300340		1	21.00	0.0000 +	0.00
292	00550300630		1	15.00	0.0000 +	0.00
293	00550303140		1	17.00	0.0000 +	0.00
294	00550303210		1	48.00	0.0000 +	0.00
295	00550401090		1	8.00	0.0000 +	0.00
296	00550503910		1	1.00	0.0000 +	0.00
297	00550507480		1	6.00	0.0000 +	0.00
298	00550507570		1	8.00	0.0000 +	0.00
299	00550602600		1	20.00	0.0000 +	0.00
300	00550604500	CILINDRO OPRACION DE PERSIANA	1	2.00	62.8919	125.78
301	00550604560	VARILLA	1	3.00	0.1391 #	0.42
302	00550604570		1	6.00	0.0000 +	0.00
303	00550604600		1	3.00	0.0000 +	0.00
304	00550604640	CILINDRO	1	3.00	0.1391 #	0.42
305	00550604670	JUNTA	1	6.00	0.1391 #	0.83
306	00560202990	MANOMETRO DOBLE	1	7.00	0.0000 +	0.00
307	00560208620		1	4.00	0.0000 +	0.00
308	00560300020		1	1.00	0.0000 +	0.00
309	00560303980		1	1.00	0.0000 +	0.00
310	00560305890		1	2.00	0.0000 +	0.00
311	00560310450	INTERRUPTOR DE PARADA	1	2.00	0.0000 +	0.00
312	00560313600	TERMOSTATO TEMPERAT.DE AGUA	1	1.00	272.7968	272.80
313	00560316000		1	0.00	0.0000 +	0.00
314	00560400730		1	13.00	0.0000 +	0.00
315	00560401600		1	60.00	0.0000 +	0.00
316	00560503570		1	0.00	0.0000 +	0.00
317	00560504720	BOBINA DE OPERACION	1	4.00	105.0002	420.00
318	00560504860		1	1.00	0.0000 +	0.00
319	00560504880		1	6.00	0.0000 +	0.00
320	00560504920		1	5.00	0.0000 +	0.00
321	00560504970		1	21.00	0.0000 +	0.00
322	00560506010		1	18.00	0.0000 +	0.00
323	00560506240		1	1.00	0.0000 +	0.00
324	00560700020		1	3.00	0.0000 +	0.00
325	00560700040	RELEVADOR TIPO 17.L.V.66.AA19	1	0.00	624.4904	0.00
326	00560800040		1	279.00	0.0000 +	0.00
327	00560800060		1	5.00	0.0000 +	0.00
328	00560902170		1	1.00	0.0000 +	0.00
329	00560903270		1	4.00	0.0000 +	0.00
330	00560913920		1	1.00	0.0000 +	0.00
331	00560913930		1	1.00	0.0000 +	0.00
332	00560913960		1	2.00	0.0000 +	0.00
333	00560913990		1	2.00	0.0000 +	0.00
334	00560915500		1	2.00	0.0000 +	0.00
335	00560916520		1	1.00	0.0000 +	0.00
336	00561000010		1	1.00	0.0000 +	0.00
337	00570200090		1	6.00	0.0000 +	0.00
338	00570200220		1	13.00	0.0000 +	0.00
339	00571200060		1	9.00	0.0000 +	0.00
340	00571200090		1	6.00	0.0000 +	0.00
341	00571200180		1	10.00	0.0000 +	0.00
342	00571200310		1	7.00	0.0000 +	0.00
343	00571700070		1	5.00	0.0000 +	0.00
344	00580100020		1	3.00	0.0000 +	0.00
345	00580201710		1	4.00	0.0000 +	0.00
346	00580500790		1	18.00	0.0000 +	0.00
347	00580501170		1	3.00	0.0000 +	0.00
348	00580600430		1	2.00	0.0000 +	0.00

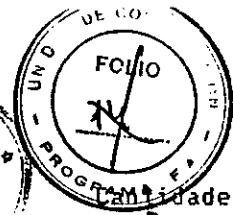
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

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Linea : 21
Almacén: 213021



ANEXO

Validades al: 31/08/94
Fin al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
349	00580600670		1	11.00	0.0000 +	0.00
350	00580600780		1	4.00	0.0000 +	0.00
351	00580600790		1	11.00	0.0000 +	0.00
352	00589000670	MANGA	1	27.00	0.1391 #	3.76
353	00589000930		1	1.00	0.0000 +	0.00
354	00589001040		1	50.00	0.0000 +	0.00
355	00589001060		1	50.00	0.0000 +	0.00
356	00589001090		1	100.00	0.0000 +	0.00
357	00590104000		1	1.00	0.0000 +	0.00
358	00590302510		1	25.00	0.0000 +	0.00
359	00590303100		1	120.00	0.0000 +	0.00
360	00590500420		1	8.00	0.0000 +	0.00
361	00590500720		1	25.00	0.0000 +	0.00
362	00590500730		1	25.00	0.0000 +	0.00
363	00590500790	MONTAJE DE GOMA	1	1.00	15.2404	15.24
364	00590500820		1	1.00	0.0000 +	0.00
365	00590501380		1	2.00	0.0000 +	0.00
366	00810100530	EJE MOTRIZ.	1	0.00	830.7375	0.00
367	00810100970	ESFACIADOR E/ENGR. Y RUEDA	1	4.00	188.7549	755.02
368	00810101050	MANGUITO DE GOMA ENGR. IMPULSO	1	1.00	912.2600	912.26
369	00810101110	TOR.EX.19,05MM 3/4-16H X 41MM	1	5.00	0.1391 #	0.70
370	00810101290	COLIZA P/GUIA DE CAJA DE EJE	1	19.00	60.8192	1155.56
371	00810101310		1	2.00	0.0000 +	0.00
372	00810101690	ANILLO GUARDAPOLVO O COLLAR	1	2.00	0.1391 #	0.28
373	00810101710	AJUSTADOR DE VENTILACION	1	0.00	0.6139	0.00
374	00810101730	ANILLO PARA SELLO	1	29.00	20.0526	581.53
375	00810101810		1	10.00	0.0000 +	0.00
376	00810101870	PLACA P SEGURO DE TORNILLO	1	19.00	1.5746	29.92
377	00810101890		1	4.00	0.0000 +	0.00
378	00810102570	PLACA POSTERIOR 50,8MM X 260,3	1	33.00	31.3544	1034.70
379	00810102610	PLACA FRONT.41,3MM X 146,05	1	34.00	26.5716	903.43
380	00810102630	TAPA DEL EXTREMO POSTERIOR	1	4.00	159.1526	636.61
381	00810102650	JUNTA E/TAPA EXT.POST.CAJA EJE	1	24.00	0.1391 #	3.34
382	00810102670	PRISIONERO CAB.EX.15,9MM X 38M	1	15.00	0.1391 #	2.09
383	00810102750	ESPEJOR E/TAPA FRONT.CAJA EJE	1	4.00	0.1391 #	0.56
384	00810102790	AJUSTE GOMA E/BLOCK Y TAPA	1	16.00	0.0000 +	0.00
385	00810102870	PRISIONERO CAB.EX.19,1MM3/4"	1	41.00	21.6997	889.69
386	00810103010	JUNTA E/TAPA FRONT.Y CIERRE	1	3.00	0.1391 #	0.42
387	00810103090	ANILLO SEPARADOR E/FISTAS INT.	1	11.00	0.1391 #	1.53
388	00810103170	ADAPTADOR MANGUI.Y COST.BOGIE	1	4.00	0.1391 #	0.56
389	00810103200	ADAPTADOR PARA MANGUITO	1	0.00	3289.0257	0.00
390	00810103230	PLACA DESGASTE	1	10.00	32.7769	327.77
391	00810103250	PLACA DESGASTE FRONTAL ADAFT.	1	44.00	10.0262	441.15
392	00810103710	BUJE DE 31,75/41,27 MM	1	36.00	0.1391 #	5.01
393	00810103790	PLACA SUP. P/DISP. FRICCION	1	24.00	4.4245	106.19
394	00810103810	PLACA INF. P/DISP. FRICCION	1	12.00	57.4409	689.29
395	00810103850	PLACA DE DESGASTE	1	8.00	41.1666	329.33
396	00810103930	ASIENTO P/RESORTE SUSP.EJ.LIBR	1	8.00	126.5035	1012.03
397	00810104470	RODAMIENTO	1	1.00	0.1391 #	0.14
398	00810106050	RESORT.EXT.SUSP.MESA FLOT.COS	1	16.00	28.6110	457.78
399	00810106150	ASIENTO P/RESORTE SUSP.ZONA EJ	1	0.00	100.2630	0.00
400	00810106380	RESORTE DBLE ESPIGA P.SUSPEN.	1	8.00	440.0338	3520.27
401	00810106410	RESORTE SIMPLE P.SUSP.Z.EJE	1	37.00	160.4209	5935.57
402	00810107250	SOPORTE INF.P/AMORTIGUADOR	1	1.00	0.0000 +	0.00
403	00810107590	PLACA DE DESGASTE VERTICAL	1	15.00	0.1391 #	2.09
404	00810107610	PLACA DE DESGASTE VERTICAL	1	11.00	10.0719	110.79
405	00810108050	ARANDELA P/DISP.DE FRICCION	1	9.00	0.1391 #	1.25
406	00810108150	CUNA DE FRICC.P/RIDE CONTROL	1	8.00	473.5991	3788.79

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Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
407	00810108190	PLACA CENTRAL DE DESGASTE	1	6.00	80.2104	481.26
408	00810108210	ARO P/PLACA CENTRAL ERICCIÓN	1	0.00	90.8129	0.00
409	00810108250	ANILLO PARA PLACA CENTRAL	1	0.00	68.9953	0.00
410	00810108310	PLACA DE DESGASTE LATERAL	1	11.00	3.5092	38.60
411	00810108390	GUARDAPOLVO PARA PLACA SUP	1	5.00	170.8718	854.36
412	00810108410	ABRAZADERA PARA GUARDAPOLVO	1	21.00	1.0026	21.05
413	00810108670	LEVA P/ZAPATA IZO.COMPLETA *	1	9.00	713.4020	6420.62
414	00810108890	PALANCA EXT.P/FRENO MANO DER.	1	1.00	0.1391 #	0.14
415	00810109150	MANGUIT.21,79/37,69MM.X 238,91	1	12.00	40.7915	489.50
416	00810109170	BUJE 31.75/41.02MM X 22.22MM.	1	56.00	1.7044	95.45
417	00810109190	BUJE 31,75/41,27MM.X 28,57MM.	1	21.00	12.9233	271.39
418	00810109250	CASQUILLO 34.84/78,99X50,8MM	1	16.00	30.0789	481.26
419	00810109270	BUJE DE 31,75/41,02MM.	1	29.00	8.0210	232.61
420	00810109390	PERNO	1	28.00	6.8924	192.99
421	00810109430	PERNO E/LEVA FRENO Y COS.BOGUI	1	9.00	0.1391 #	1.25
422	00810109730	PERNO CON ROSCA HEMBRA 12,7 MM	1	3.00	8.0210	24.05
423	00810109750	PERNO CON ROSCA HEMBRA 12,7MM	1	6.00	8.0210	48.13
424	00810109770	TORNILLO CAB.EXA.NC.9,5MM	1	24.00	2.0052	48.12
425	00810109850	PORTA ZAPATA DE FRENO	1	1.00	67.5597	67.56
426	00810109890	CASQUILLO DE PORTAZAPATA	1	31.00	0.1391 #	4.31
427	00810109910	CASQUILLO DE PORTA ZAPATAS	1	24.00	0.1391 #	3.34
428	00810109930	CASQUILLO DE PORTA ZAPATA	1	5.00	0.1391 #	0.70
429	00810109950	CASQUILLO DEL PORTA ZAPATA	1	3.00	0.1391 #	0.42
430	00810110070	RESORTE DEL PERNO	1	18.00	0.1391 #	2.50
431	00810110930	PLACA DE DESGASTE 6,35 X 69,8	1	30.00	4.8928	146.78
432	00810111610	TORNILLO ESP.DEL REGISTRO	1	2.00	3.9703	7.94
433	00810111630	CABEZAL DE SEGURIDAD GR G	1	2.00	0.0000 +	0.00
434	00810111650	SEGURO BISAGRA P/CABEZAL	1	15.00	0.1391 #	2.09
435	00810111690	REGULADOR DE JUEGO COMP.	1	2.00	269.9838	539.97
436	00810111710	ALOJAMIENTO P/REGISTRO	1	3.00	83.7713	251.31
437	00810111910	REGULADOR DE JUEGO LADO FRONT.	1	3.00	120.3156	360.95
438	00810111930	REGULADOR DE JUEGO LADO FRONT:	1	3.00	120.3156	360.95
439	00810111950	REGULADOR DE JUEGO,LADO POST.	1	1.00	120.3156	120.32
440	00810111970	REGULADOR DE JUEGO,LADO POST.	1	1.00	120.3156	120.32
441	00810112110	BUJE DE 28,57/37,84 MM DIAM	1	91.00	8.0210	729.91
442	00810112130	BUJE DE 25,40/34,67 MM DIAM	1	60.00	8.0210	481.26
443	00810112570	PERNO COMP.E/LEVA PORT.Y BAST.	1	13.00	76.6691	996.70
444	00810112590	PERNO E/LEVA Y PORT.FRENO COMP	1	59.00	0.1391 #	8.21
445	00810112610	PERNO COMPL.E/PALANCA Y BARRA	1	0.00	0.0000 +	0.00
446	00810112670	PERNO CAB.EXA.ROSCADA 7/8"	1	9.00	157.8864	1420.98
447	00810112690	PERNO CAB.EXA. ROSCADA 22,2MM*	1	12.00	0.1391 #	1.67
448	00810112710	PERNO CAB.EXA.ROSCADA 22,2MM*	1	20.00	132.5305	2650.61
449	00810112790	1	1	3.00	0.0000 +	0.00
450	00810112810	RESORTE P/TENSION DE PERNO	1	5.00	0.1391 #	0.70
451	00810112830	TUERCA EXAGONAL ALMENADA	1	0.00	1.0026	0.00
452	00810113130	ARANDELA ESPECIAL P/PERNO ACO.	1	0.00	52.9714	0.00
453	00810113530	ABRAZADERA PARA GUARDAPOLVO	1	4.00	0.1391 #	0.56
454	00810113930	ESLABON DE SEGURIDAD	1	24.00	0.1391 #	3.34
455	00810114110	GUARDAPOLVO PARA EJE MOTRIZ	1	1.00	11.1392	11.14
456	00810114130	ABRAZADERA PARA AJUSTE	1	1.00	2.1923	2.19
457	00810115090	RETEN	1	10.00	150.3945	1503.95
458	00810115230	1	1	57.00	0.1391 #	7.93
459	00810116070	RESORTE P/SUSP.MOTOR TRACCION	1	12.00	162.1845	1946.21
460	00810116090	RELLENO DE GOMA PARA SUSPEN	1	5.00	150.3945	751.97
461	00810116150	TORNILLO CABEZA CUAD.22,2 MM.	1	1.00	2.4848	2.48
462	00810118130	TAPA CAJA DE ARENA	1	35.00	12.0316	421.11
463	00810118270	RESGUARDO CAJA DE ARENA	1	6.00	18.0473	108.28
464	00820100210	PLACA DE FRICCION P/GUIA	1	4.00	38.3697	153.48

AD

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 9

Linea : 21
Almacén: 213021



Cantidades al: 31/08/94
Precios al: 31/07/94

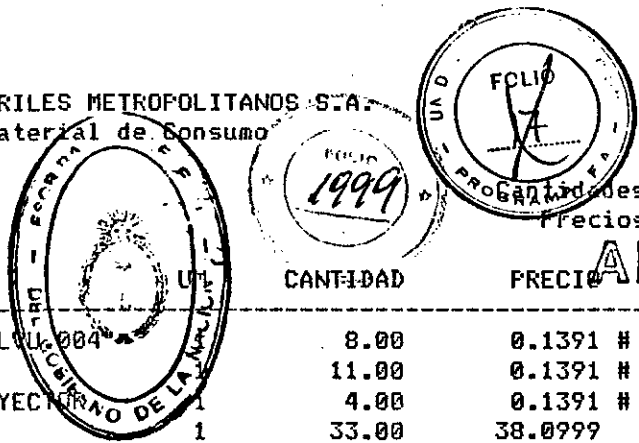
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
465	00820200640	BISAGRA PARA PUERTA	1	17.00	18.7330	318.46
466	00820214530	CODO NPT.DE 3/8"X 3/8"	1	5.00	8.4375	42.19
467	00820220030	VENTANA DESLIZ. PARA CABINA	1	0.00	1064.5488	0.00
468	00820220090	PLACA FRICCION P/VENT.CAB.	1	14.00	15.0377	210.53
469	00820220430	VIDRIO	1	128.00	9.1238	1167.85
470	00820220450	BURLETE DE GOMA	3	0.00	2.0052	0.00
471	00820220480	PERFIL DE VENTANA	3	9.00	7.2103	64.89
472	00820223010	VIDRIO P/VENT.FIJA LATERAL	1	66.00	8.0210	529.39
473	00820223070	VIDRIO P/VENT.FIJA LATERAL	1	89.00	6.6173	588.94
474	00820223130	VIDRIO P/VENT.6,35X439,7X630MM	1	64.00	14.0368	898.36
475	00820223170	VIDRIO 6,35 X 366,7 X 646,1MM.	1	0.00	53.8081	0.00
476	00820223210	VIDRIO P/VENT.FRENT.CAB.CENTRA	1	5.00	61.4612	307.31
477	00820223250	BURLETE P/VID.TEMP.VENT.FIJA	3	20.00	0.1391 #	2.78
478	00820223510	VIDRIOS 6,35X439,7X630,2 MM.	1	38.00	12.5328	476.25
479	00820225250	VIDRIO LAMINOSO	1	112.00	11.4199	1279.03
480	00820225260	VIDRIO LAMINOSO	1	90.00	10.7075	963.86
481	00820225270	VIDRIO 6,35X341,3X665,1MM.	1	0.00	10.4273	0.00
482	00820232490	PARASOL COMPLETO MODIFICADO	1	8.00	0.1391 #	1.11
483	00820232510	SOPORTE DEL PARASOL	1	3.00	0.1391 #	0.42
484	00820232570	ARANDELA TOPE PIEZA D	1	6.00	0.1391 #	0.83
485	00820232590	ROTULA SOLDADA EN CAÑO GUIA	1	3.00	0.1391 #	0.42
486	00820232610	CAÑO GUIA	1	3.00	0.1391 #	0.42
487	00820232670	VARILLA SOSTEN DE PLACA	1	3.00	0.1391 #	0.42
488	00820232710	PLACA SOSTEN DEL ELEMENTO	1	3.00	0.1391 #	0.42
489	00820233510	PARASOL	1	1.00	15.0394	15.04
490	00820234530	ALERO (VISERA)	1	1.00	0.1391 #	0.14
491	00830200510	ANILLO INF.P/SOPORTE CILINDRO	1	4.00	25.0657	100.26
492	00830200790	ESPARRAGO NF.31,7MM(1.1/4")	1	28.00	0.9502	26.61
493	00830200810	TUERCA EXG:ALMENADA:NF31,7MM	1	4.00	1.2281	4.91
494	00830200830	TUERCA ACERO EXAG. 1.1/4"	1	4.00	0.1391 #	0.56
495	00830200890	TUERCA ACERO EXAG.SEGURIDAD.	1	6.00	0.1391 #	0.83
496	00830201390		1	0.00	1.0913	0.00
497	00830201750	TORNILLO P/MONT.MOTOR DE 1"	1	16.00	3.0079	48.13
498	00830201790	TUERCA TORN.MONTAJE MOTOR 1"	1	2.00	0.1391 #	0.28
499	00830201810	PERNO GUIA	1	7.00	5.1977	36.38
500	00830202080	BARRA TRANSVERSAL COMPLETA	1	2.00	0.1391 #	0.28
501	00830202110	JUNTA DE NYLON DEL VOLANTE.	1	16.00	0.1504	2.41
502	00830202170	JUNTA DE TAPA INSPECCION.	1	0.00	1.4037	0.00
503	00830202210	ARD DE RETENCION	1	0.00	0.1391 #	0.00
504	00830203490	JUNTA ENTRE BASTIDOR	1	32.00	2.0052	64.17
505	00830203870	JUNTA ENTRE BLOCK Y BASTIDOR	1	10.00	1.8047	18.05
506	00830203890	JUNTA ENTRE BLOCK Y BAST.INT.	1	3.00	18.3554	55.07
507	00830204010	CAB.EX.NF.9,5 MM (3/8")24 H.	1	9.00	0.6016	5.41
508	00830204110	JUEGO JUNTA P/TAP.CUB.CAB.CIL.	1	6.00	285.3733	1712.24
509	00830204130	JUEGO JUNTA P/TAPA CUB.CAB.SIL	1	1.00	16.9058	16.91
510	00830204330	CILINDRO COMPLETO	1	5.00	3384.5462	16922.73
511	00830204350	CILINDRO COMPLETO:	1	12.00	1790.0000	21480.00
512	00830204370	TUBO DEFLECTOR	1	11.00	0.1391 #	1.53
513	00830204390	TUBO DEFLECTOR.	1	4.00	1.5039	6.02
514	00830204470	ESPARRAGOS DE LOCALIZACION	1	4.00	4.0105	16.04
515	00830204490	ESPARRAGO 0,05 MM.	1	30.00	0.1391 #	4.17
516	00830204650	ESPARRAGO P/CAMISA 3/4"	1	4.00	4.0105	16.04
517	00830204790	JUEGO DE JUNTA PARA CILINDRO	1	28.00	24.4705	685.17
518	00830204810	CILINDRO RECUPERADO P/CROMADO	1	16.00	997.9285	15966.86
519	00830204870	CILINDRO RECTIF.A 1RA.	1	0.00	0.1391 #	0.00
520	00830204910	CILINDRO RECTIFICADO	1	5.00	0.3500	1.75
521	00830205290	CABEZA CILINDRO COMPLETA	1	0.00	1332.0344	0.00
522	00830205310	ESPARRAGO	1	5.00	5.0131	25.07

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Línea : 21
Almacén: 213021

Validades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
523	00830205350	ESPARRAGO P/BALAN.VALVUL	004	8.00	0.1391 #	1.11
524	00830205410	ESPARRAGO		11.00	0.1391 #	1.53
525	00830205690	SOPORTE GRAPA DEL INYECTOR		4.00	0.1391 #	0.56
526	00830205730	ARO DE ASIEN TO	1	33.00	38.0999	1257.30
527	00830205770	SIFON CODO SALIDA DE AGUA	1	5.00	1.1286	5.64
528	00830205870	TORNILLO	1	3.00	0.1391 #	0.42
529	00830205910	TORNILLO	1	23.00	0.3007	6.92
530	00830205970	GRAPA	1	8.00	26.8805	215.04
531	00830205990	GRAPA INTERMEDIA	1	6.00	105.9379	635.63
532	00830206010	GRAPA	1	6.00	74.1043	444.63
533	00830206030	GRAPA CENTRAL	1	6.00	0.1391 #	0.83
534	00830206050	PLACA DE RETENCION P/TORNILLO	1	11.00	11.0089	121.10
535	00830206090	TUERCA ACERO EXAGONAL	1	33.00	0.4111	13.57
536	00830206110	TUERCA AC EX NF 44,4 MM.	1	1.00	32.5553	32.56
537	00830206150	ARANDELA DE AC.CONICA P.GRAPA	1	8.00	1.0728	8.58
538	00830206290	JUNTA PASO DEACEITE AL BALAN.	1	13.00	0.1002	1.30
539	00830206300	SELLO DE LA VALVULA DE PRUEBA	1	21.00	1.0026	21.05
540	00830206330	SELLO ANILLO CIERRE P/P-CALOR	1	51.00	9.5249	485.77
541	00830206410	FLECHA DE BALANCIN	1	0.00	212.6985	0.00
542	00830206450	SOPORTE P/EJE DE BALANCIN	1	5.00	64.8100	324.05
543	00830206460	TAPA SOPORTE	1	2.00	22.9000	45.80
544	00830206490	BALANCIN COMPLETO P/VALVULA	1	9.00	317.7837	2860.05
545	00830206550	BUJE DE BALANCIN	1	33.00	8.0210	264.69
546	00830206590	PERNO DEL RODILLO DE ASIEN TO	1	26.00	5.0131	130.34
547	00830206650	PISTA EXTERIOR PARA BUJE	1	33.00	2.5065	82.71
548	00830206670	BUJE FLOTANTE P/PERNO BALANCIN	1	26.00	5.5144	143.37
549	00830206710	TUERCA ACERO EX. NF 15,8 MM	1	7.00	0.1002	0.70
550	00830206730	RETEN DEL BOTON DEL INYECTOR	1	3.00	1.3034	3.91
551	00830206750	BOTON DEL PUENTE DE VALVULA	1	0.00	6.1160	0.00
552	00830207070	AARO DE SEGURIDAD P/RESORTE	1	5.00	0.4010	2.01
553	00830207110	AJUSTADOR HIDRAULICO,COMPLETO	1	0.00	13.4552	0.00
554	00830207170	RESORTE DEL AJUSTADOR HIDRAUL.	1	122.00	0.7018	85.62
555	00830207190	ARO DE SEG. DEL AJUSTADOR	1	71.00	0.4010	28.47
556	00830207210	RETEN DE BOLILLA DEL AJUSTADOR	1	75.00	0.5013	37.60
557	00830207230	BOLILLA RETENEDORA AJUSTADOR	1	59.00	0.0100	0.59
558	00830207490	JUNTA E/ALOJAMIENTO Y BLOCK	1	5.00	5.0131	25.07
559	00830208910	JUNTA ENTRE DISCO Y TAPA:	1	10.00	10.0262	100.26
560	00830300450	COJINETE BANCADA FRONTAL SUP.	1	6.00	200.5261	1203.16
561	00830300470	COJINETE DE BANCADA FRONTAL.	1	16.00	199.5234	3192.37
562	00830300530	COJINETE INFERIOR DE BANCADA	1	8.00	270.1578	2161.26
563	00830300570	COJINETE SUP.BANCADA FRONTAL	1	4.00	509.4743	2037.90
564	00830300630	COJINETE DE BANC.SUP.FRONTAL	1	12.00	250.6576	3007.89
565	00830300750	COJINETE DE BANC. CENTRAL.SUP.	1	1.00	207.1422	207.14
566	00830300770	COJINETE DE BANC.CENTRAL INF.	1	1.00	207.1422	207.14
567	00830300810	COJINETE SUP.BANCADA CENTREL.	1	3.00	440.2041	1320.61
568	00830300830	COJINETE INFERIOR DE BANCADA	1	3.00	42858.7629	128576.29
569	00830300870	COJINETE SUPERIOR DE BANCADA.	1	4.00	332.4228	1329.69
570	00830300890	COJINETE INFERIOR DE BANCADA	1	2.00	221.2780	442.56
571	00830300990	COJINETE BANCADA CENTRAL SUP.	1	8.00	551.1414	4409.13
572	00830301010	COJINETE BANCADA CENTRAL INF.	1	3.00	575.7467	1727.24
573	00830301050	COJINETE SUP DE BANCADA STO.	1	5.00	213.7587	1068.79
574	00830301070	COJINETE BANCADA TRASERO INF.	1	1.00	213.7587	213.76
575	00830301110	COJINETE SUPERIOR DE BANCADA	1	1.00	455.4510	455.45
576	00830301130	COJINETE INF.DE BANCADA .	1	4.00	270.7102	1082.84
577	00830301170	COJINETE SUPERIOR DE BANCADA.	1	4.00	148.5269	594.11
578	00830301230	COJINETE BANCADA TRASERO	1	2.00	270.7102	541.42
579	00830301250	COJINETE BANCADA TRASERO	1	1.00	280.7365	280.74
580	00830301290	COJINETE BANCADA	1	5.00	280.7365	1403.68

ANEXO

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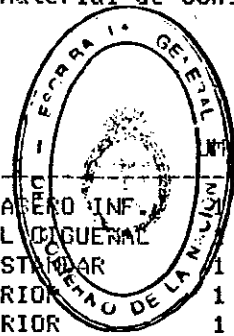
FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Emisión: 10/11/94

Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
581	00830301310	COJINETE BANCADA TRABERO INF.	4.00	605.2712	2421.08
582	00830301510	COLLAR DE EMPUJE DEL CIGUENAL	2.00	135.9066	271.81
583	00830302050	COJINETE BIELA SUP.STANDARD	45.00	1398.2418	62920.88
584	00830302070	COJINETE BIELA SUPERIOR	1	271.4600	0.00
585	00830302150	COJINETE BIELA SUPERIOR	1	1505.5239	3011.05
586	00830302170	COJINETE BIELA SOPORTE	1	684.6705	4792.69
587	00830302250	COJINETE SUPERIOR DE BIELA	1	1505.5239	7527.62
588	00830302270	COJINETE BIELA SUP.	1	78.6481	471.89
589	00830302290	COJINETE BIELA INFERIOR,	1	0.00	518.0334
590	00830302350	COJINETE SUP.DE BIELA 2DA.BAJO	1	19.00	7.2882
591	00830302390	COJINETE BIELA INF.2,38	1	6.00	0.1391 #
592	00830302450	COJINETE SUP DE BIELA 4A BAJO	1	11.00	0.1391 #
593	00830302490	COJINETE BIELA 3,17 MM	1	11.00	273.7182
594	00830303530	PISTON CON AROS,STANDARD.	1	16.00	727.9097
595	00830303610	JUEGO DE AROS STD.	1	0.00	200.5261
596	00830303950	PISTON CON AROS S/M.0,76MM	1	6.00	961.1850
597	00830304190	JUEGO DE AROS S/M 0,76 MM.	1	11.00	200.5261
598	00830304610	PISTON CON AROS S/M 1,52MM	1	23.00	1183.1041
599	00830305230	ARO DE COMPRESION S/M0,76MM	1	178.00	0.1391 #
600	00830305710	PORTA PISTON	1	30.00	594.8106
601	00830305750	PERNO DE PISTON	1	11.00	309.0208
602	00830305770	PERNO DE PISTON	1	37.00	0.1391 #
603	00830305850	ARANDELA DE EMPUJE P/PISTON	1	2.00	0.1391 #
604	00830403850	JUNTA PARA MONTAJE	1	0.00	1.0026
605	00830403910	JUNTA E/ EL GOR: Y IMPULSOR	1	5.00	0.3396
606	00830405470	BUJE P/SOPORTE FRONTAL	1	12.00	49.6568
607	00830405490	BUJE EXT.ARBOL DE LEVAS	1	20.00	167.0297
608	00830406750	CANDADO RETEN RAMURA SIMPLE	1	80.00	12.0316
609	00830407030	IMPULSOR COMPLETO DE GENERADOR	1	1.00	6693.3315
610	00830407130	ESPARRAGO T/SOPORTE EJE 3/8"	1	4.00	9.9285
611	00830409950		1	0.00	0.0000 +
612	00830410230	RESORTE DE CHAPA	1	5.00	0.0000 +
613	00830500830		1	1.00	37.8766
614	00830501670	SOPORTE COJINETE P/ROTOR	1	9.00	242.6365
615	00830501750	BUJE PARA EL SOPORTE	1	6.00	50.1314
616	00830503390		1	0.00	0.9780
617	00830520190	JUEGO DE JUNTA	1	1.00	30.8189
618	00830521310	JUNTA E/BASTID.Y VENTILADOR	1	0.00	3.8866
619	00830521690	CODO E/ MANGA Y SAL.SEP.ACEITE	1	4.00	71.8537
620	00830600090	INYECTOR	1	0.00	738.0363
621	00830600110	INYECTOR COMPLETO (PL.A352)	1	24.00	511.3416
622	00830600490		1	60.00	0.0000 +
623	00830600590		1	0.00	0.0000 +
624	00830600730	ARO DE EMPAQUETADURA P/TUERCA	1	96.00	3.6148
625	00830600990	RESORTE	1	156.00	2.9678
626	00830601050	ALOJAMIENTO P/RESORT.TOBERA	1	1.00	0.1391 #
627	00830601110	VALVULA	1	16.00	0.4231
628	00830601150	CAJA P/VALV.	1	12.00	0.1391 #
629	00830601410	JUEGO REPARACION INYECTOR	1	61.00	6.3285
630	00830605010	JUNTA P/ACOPLE FILTRO Y TUBO.	1	9.00	0.3007
631	00830605030	JUNTA P/ACOPLE FILTRO Y TUBO.	1	5.00	0.8020
632	00830606170	ESPARRAGO DEL CUERPO	1	8.00	0.1391 #
633	00830606290	RESORTE DE LA VALVULA	1	4.00	6.2361
634	00830607050	ADAPTADOR	1	4.00	286.4549
635	00830607090		1	3.00	0.7771
636	00830611670	VIDRIO PARA MEDIDOR	1	10.00	45.7896
637	00830612410	ELEMENTO DE FILTRO	1	0.00	5.0344
638	00830612450	JUNTA ENTRE TAPA Y CAJA	1	100.00	2.3211

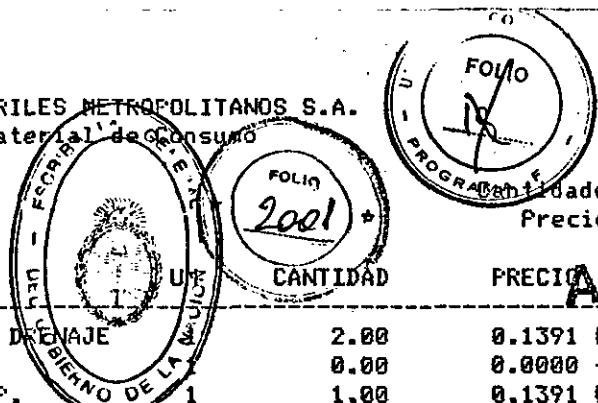
ANEXO

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Línea : 21
Almacén: 213021

Fechas al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UNIDAD	CANTIDAD	PRECIO	MONTO
639	00830612550	CUERPO DE VALVULA DE DEVAJE		2.00	0.1391 #	0.28
640	00830700470			0.00	0.0000 +	0.00
641	00830700730	BUJE DE ENGRANAJE IMP.	1	1.00	0.1391 #	0.14
642	00830702450	BUJE DEL ENGRANAJE	1	6.00	275.6732	1654.04
643	00830705450	JUNTA ENTRE TAPA Y CODO.	1	0.00	0.6016	0.00
644	00830705770	JUNTA E/CODO Y TAPA IMPULSOR	1	5.00	1.1028	5.51
645	00830706910	JUNTA ENTRE MULTIPLE Y BASTIDO	1	5.00	3.3155	16.58
646	00830707230	CAÑO ACEITE P/ENFRIAMIENTO	1	0.00	184.4840	0.00
647	00830708070	JUNTA P/ CAÑO DE ACEITE	1	0.00	0.2005	0.00
648	00830708910	RESORTE DE LA MANGA	1	2.00	0.1391 #	0.28
649	00830711610	JUEGO DE JUNTA DEL ELEMENTO M.	1	1.00	33.0868	33.09
650	00830719230		1	0.00	1.0913	0.00
651	00830722290	JUNTA P/CODO BOMBA EXTRACCION.	1	25.00	3.5092	87.73
652	00830730060	JUEGO REPARAC.	1	5.00	69.1014	345.91
653	00830800010	BOMBA COMP.LADO IZQ.P/AGUA	1	9.00	4147.6073	37328.47
654	00830800030	BOMBA COMP.DERECHA DE AGUA	1	0.00	0.2035	1.63
655	00830804030	JUNTA	1	0.00	0.8647	0.00
656	00830805410	JUNTA ENTRE TAPA Y NUCLEO	1	6.00	37.8339	227.00
657	00830808970	TAPA BOCA LLEN.TANQ.AGUA	1	6.00	0.1391 #	0.83
658	00830821400		1	6.00	0.0000 +	0.00
659	00830909490	ELASTOMERO FAB403	1	6.00	0.1391 #	0.83
660	00830912630	EJE COMPLETO.TERMINAL ESTRIADO	1	5.00	749.0549	3745.27
661	00850100510	RODAMIENTO A RODILLO	1	10.00	266.0030	2660.03
662	00850100690	SELLO DE ACEITE L/RADIADOR	1	0.00	13.4051	0.00
663	00850100730	JUNTA	1	10.00	4.6645	46.65
664	00850101170	JUNTA	1	0.00	4.9427	0.00
665	00850101230	JUNTA	1	10.00	1.1428	11.43
666	00850101410	JUNTA	1	0.00	4.2114	0.00
667	00850101430	JUNTA	1	10.00	0.3987	3.99
668	00850103970	AROS	1	0.00	63.5477	0.00
669	00850104050	JGO.AROS	1	0.00	140.9565	0.00
670	00850104230	ARO/ALTA	1	10.00	34.0894	340.89
671	00850104310	JUEGO ARO DE ALTA PRESION	1	0.00	30.0789	0.00
672	00850104490	CILIND.D.F.	1	2.00	630.0003	1260.00
673	00850104870	JUNTA	1	0.00	2.7698	0.00
674	00850104890	JUNTA	1	4.00	1.8018	7.21
675	00850105430		1	0.00	35.0123	0.00
676	00850106110	PISTON B/VACIO	1	0.00	200.5261	0.00
677	00850106870	ARO	1	4.00	29.5648	118.26
678	00850106910	ARO	1	0.00	48.9205	0.00
679	00850106930	ARO	1	9.00	63.4344	570.91
680	00850107030	BUJE	1	0.00	15.8171	0.00
681	00850107180	COJINETE	1	0.00	33.9802	0.00
682	00850109140		1	10.00	1.5546	15.55
683	00850109210		1	0.00	3.5273	28.22
684	00850109250	JUNTA	1	0.00	3.1714	0.00
685	00850110170	EXENTRICO	1	0.00	341.8970	0.00
686	00850114110	VAVULA DE SUCCION DE BAJA PRES	1	0.00	228.5997	0.00
687	00850114390	JUNTA	1	0.00	1.5960	0.00
688	00850114410		1	0.00	22.8823	0.00
689	00850114470	VALVULA	1	5.00	23.4068	117.03
690	00850114850		1	74.00	0.3681	27.24
691	00850114950	JUNTA	1	0.00	0.3909	0.00
692	00850115810	JUNTA	1	0.00	0.8544	0.00
693	00850123070	RESORTE GRILLA COMPLETA	1	1.00	464.3462	464.35
694	00850313830		1	0.00	0.0000 +	0.00
695	00850319650		1	2.00	0.0000 +	0.00
696	00850400950		1	3.00	0.0000 +	0.00

ANEXO

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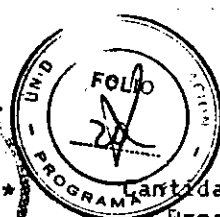
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 13

Línea : 21
Almacén: 213021



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO
IMPORTE

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
697	00850616750		1	0.0000 +	0.00
698	00850616830	VASTAGO	1	0.1391 #	0.14
699	00850616890	GUIA	1	0.1391 #	0.56
700	00850616950	RESORTE	1	0.1391 #	0.28
701	00860103930	TORNILLO CABEZA PERDIDA	1	0.1756	0.00
702	00860107030	CONTACTO MOVIL	1	0.1391 #	1.11
703	00860107330	PLACA AISLANTE SEPARADORA	1	0.1391 #	1.11
704	00860107650	CONTACTO FIJO	1	0.1391 #	1.11
705	00860107690	ESPARRAGO ESPECIAL GUIA	1	0.1391 #	0.56
706	00860107810	CONTACTO MOVIL	1	78.0127	624.10
707	00860107830	TRENZA FLEXIBLE	1	0.1391 #	0.56
708	00860200430	SHUNT P/AMPERIM.CARGA BATERIA	1	0.0000 +	0.00
709	00860300870	ARANDELA AISLANTE	1	16.00	2.23
710	00860300890	RESORTE ESPECIAL	1	0.5013	2.01
711	00860300930	TRABA DE CONTACTO	1	0.1391 #	0.56
712	00860300970	TORNILLO ESP.P/PERILLA	1	16.00	8.02
713	00860300990	TRABA DE CONTACTO	1	0.1391 #	0.56
714	00860301010	CONTACTO CON TORNILLO Y ARAND.	1	0.1391 #	0.56
715	00860301030	CONTACTO TERMINAL C/TORN.Y AR.	1	0.1391 #	0.56
716	00860301050	CUCHILLA 2 PUNTOS DE CONTACTO	1	0.1391 #	0.56
717	00860301070	CUCHILLA 3 PUNTOS DE CONTACTOS	1	78.0127	312.05
718	00860301090	CONTACTO TERMINAL C/TORN.Y AR.	1	0.1391 #	0.56
719	00860301110	CONTACTO TERM.HORQ.C/TORN.Y AR	1	0.1391 #	0.56
720	00860301130	CUCHILLA 1 PUNTO DE CONTACTO	1	0.1391 #	0.56
721	00860301150	CONTACTO C/TORN.Y ARANDELA	1	0.1391 #	0.56
722	00860301170	CONTACTO CIRCULAR C/TORN Y AR.	1	0.1391 #	0.56
723	00860301190	CUCHILLA DE 1 PUNTO DE CONTACT	1	0.1391 #	0.56
724	00860400210		1	0.0000 +	0.00
725	00860400310	RESISTENCIA DE 341 OHMS	1	0.1391 #	0.28
726	00860400330	RESISTENCIA DE 463 OHMS	1	0.1391 #	0.42
727	00860400350	RESISTENCIA R.5 DE 599 OHMS	1	0.1391 #	0.42
728	00860400390	RESISTENCIA R.7 DE 937 OHMS	1	0.1391 #	0.56
729	00860400410	RESISTENCIA R.8 DE 1340 OHMS	1	0.1391 #	0.56
730	00860400430	RESISTENCIA R.9 DE 1361 OHMS	1	0.1391 #	0.56
731	00860503010	VAL.MAGNET.P/REVER.P/LOCT.	1	142.9878	1143.90
732	00860503030	BOBINA MAGNETICA	1	179.3938	1435.15
733	00860503270	VASTAGO	1	0.1391 #	1.11
734	00860503290	TORNILLO N 10 32H.X1/2"	1	0.8597	13.76
735	00860503350	ARO DE GOMA DE 3/16"DIAM.INT.	1	0.6016	9.63
736	00860503370	MANGUITO DEL VASTAGO DE BRONCE	1	0.1391 #	0.56
737	00860504010	VALVULA TIPO AGUJA COMPLETA	1	0.1391 #	1.11
738	00860504030	EMBOLO	1	0.1391 #	0.56
739	00860504050	ARO "0" 1/8" DIAM.INTERIOR	1	0.6016	4.81
740	00860504090	RESORTE COMPRESION DE LA VALV.	1	0.1391 #	0.56
741	00860504130	JUNTA P/TUERCA CENTRAL	1	0.0000 +	0.00
742	00860504150	ALDJM.DE LA VALVULA COMPLETO	1	4.00	0.56
743	00860504830	VALV.MAGN.TIPO 210 COMPLETA	1	238.3480	953.39
744	00860604010	CONTACTOR "BC" CARGA BATERIA	1	0.2712	0.27
745	00860604030	CONTACTO FIJO	1	6.5847	52.68
746	00860604050	SOPORTE DE CONTACTO FIJO	1	33.6343	100.90
747	00860604170	PASTILLA PARA CONTACTO FIJO	1	0.1391 #	1.11
748	00860604190	CONTACTO MOVIL	1	0.6733	2.02
749	00860604210	RESOR.COMPRES.DEL CONTAC.MOVIL	1	0.1391 #	0.97
750	00860604230	PORTA CONTACTO MOVIL	1	0.1391 #	0.56
751	00860604390	PASTILLA P/CONTACTO MOVIL	1	0.1391 #	1.11
752	00860604570	BOBINA MAGNETICA COMPLETA	1	2.00	0.28
753	00860604770	BUZO MAGNETICO	1	0.0000 +	0.00
754	00860604970	SOPLADOR DEL ARCO G.	1	0.0000 +	0.00

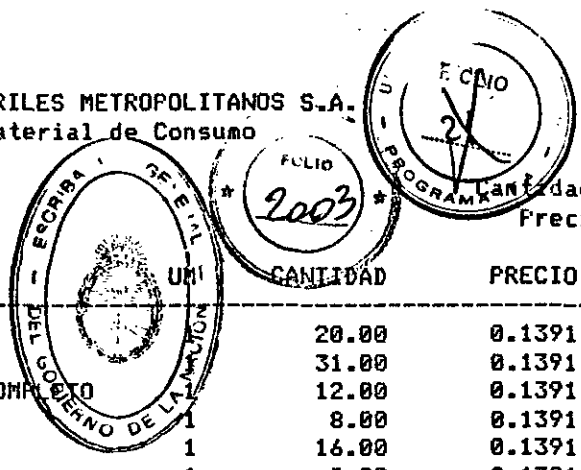
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

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Almacén: 213021



Cantidades al: 31/08/94
Precios al: 31/07/94

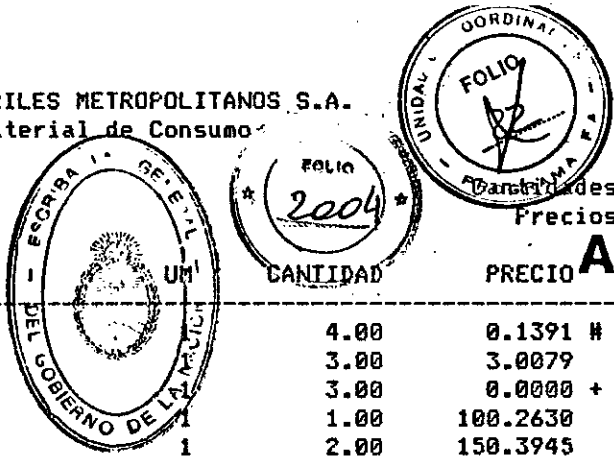
ANEXO

#####	NUM	DESCRIPCION	UMI	CANTIDAD	PRECIO	IMPORTE
755	00860614030	PLACA DERECHA		20.00	0.1391 #	2.78
756	00860614050	PLACA IZQUIERDA		31.00	0.1391 #	4.31
757	00860616510	CONTACTOR POTENCIA COMPLETO		12.00	0.1391 #	1.67
758	00860616970	ARQ DE EMPAQUETADURA		8.00	0.1391 #	1.11
759	00860617090	ARANDELA		16.00	0.1391 #	2.23
760	00860617150	RESORTE DEL PISTON		5.00	0.1391 #	0.70
761	00860617470	RESORTE P/RETRO.CONTAC.MOVIL		4.00	0.1391 #	0.56
762	00860617630	PROTECTOR DE ARCO		1.00	0.1391 #	0.14
763	00860617770	BARRA OPERA.CONTAC.AUXILIAR		6.00	0.1391 #	0.83
764	00860617830	HORQUILLA P/DPE.INTERBLOCK		3.00	0.1391 #	0.42
765	00860625610	SOPORTE COMP.CONTACTO FIJO		2.00	0.1391 #	0.28
766	00860625630	CONTACTO MOVIL PRINCIPAL		16.00	0.7519	12.03
767	00860625650	RESORTE COMPRESION P/CONTACTOS		8.00	0.1391 #	1.11
768	00860625670	PORTA CONTACTO MOVIL		6.00	0.1391 #	0.83
769	00860625690	PORTA CONTACTO COMPLETO		4.00	0.1391 #	0.56
770	00860625770	TORNILLO 8 32H X1/2"		4.00	0.1391 #	0.56
771	00860625870	PLACA CONTACT.ESTA."ABCD"		4.00	0.1391 #	0.56
772	00860625890	PLACA CONTACTOS ESTACIONARIOS		4.00	0.1391 #	0.56
773	00860626250	TORNILLO N8 P/TERMINAL		4.00	0.1391 #	0.56
774	00860626430	PASTILLA P/CONTAC. MOVIL CONTA		8.00	0.1391 #	1.11
775	00860628410	PASTILLA P/CONTACTO FIJO		8.00	0.1391 #	1.11
776	00860701330	UNIDAD P/CONT.TIEMP.NEUMAT.		1.00	0.0000 +	0.00
777	00860702270	ARMADURA		2.00	0.1391 #	0.28
778	00860702330	VASTAGO DE ARMADURA		2.00	13.4281	26.86
779	00860704490	ESCUADRA BAQUELITA 1/8"		4.00	0.1391 #	0.56
780	00860711130	RESORTE PARA RELAY FTR.		13.00	0.1391 #	1.81
781	00860711750	RELAY R.C.R. COMPLETO.		1.00	0.1391 #	0.14
782	00860711770	TAPA DEL RELAY.		4.00	0.1391 #	0.56
783	00860711890	RECEPTACULO CONEXION TERM.		3.00	0.0000 +	0.00
784	00860716150	TORNILLO P/CONEXION		12.00	0.1391 #	1.67
785	00860716730	TAPA DE CONTACTOS		6.00	0.1391 #	0.83
786	00860716950	BASE DE CONTACTO SUP.		3.00	0.1391 #	0.42
787	00860716970	BASE DE CONT.INF.P/8.155.259.		2.00	0.1391 #	0.28
788	00860717010	BUZO.		3.00	0.1391 #	0.42
789	00860717090	CONJUNTOS DE CONTACT.INF.Y SUP		2.00	0.0000 +	0.00
790	00860717130	RESORTE DE CONTACTO		0.00	0.1391 #	0.00
791	00860717310	TERMINAL MANO IZQUIERDA		8.00	0.1391 #	1.11
792	00860717330	TERMINAL DERE.P/CONEXION		8.00	7.6643	61.31
793	00860720550	TAPA DEL RELAY GRG.		4.00	51.2523	205.01
794	00860961850	RESIST.DEL RELAY DE TIERRA G.		2.00	0.1391 #	0.28
795	00860961890	RESISTENCIA DEL RELAY DE TIEMP		2.00	84.3713	168.74
796	00860961930	RESIST.CAMPO BATERIAS 4 OHMS		6.00	0.1391 #	0.83
797	00860961970	RESIST.CAMPO SHUNT GENERADOR*		0.00	724.0827	0.00
798	00860962010	RESIST.RELAY PATINAMIENTO 2000		8.00	0.1670	1.34
799	00860962050	RESISTENCIA DEL CAMPO		6.00	0.1391 #	0.83
800	00860962710	RESISTENCIA LUCES CABECILLA		6.00	0.0000 +	0.00
801	00860962750	RESISTENCIA 7.9 OHMS		12.00	0.1391 #	1.67
802	00860962790	RESIST.DESCARGA GEN.400 OHMS		2.00	0.0000 +	0.00
803	00870100670	TRAMPA DE ACEITE EXTERIOR		4.00	127.1403	508.56
804	00870100850	MANGUITO DEL EJE DE ARMADURA		4.00	168.8568	675.43
805	00870100870	TAPA DE RODAMIENTO COMP.		3.00	0.0000 +	0.00
806	00870100890	TAPA DEL COJINETE A RODILLO		5.00	794.5971	3972.99
807	00870100950	ALEMITE DE ENGRASE		12.00	0.1391 #	1.67
808	00870101010	BRIDA DEL EJE DE LA ARMADURA		1.00	0.0000 +	0.00
809	00870104610	CONDUCTO COMPLETO DEL CAMPO		30.00	123.9371	3718.11
810	00870104710	INTERPOLO COMP.DE BOBINA		3.00	0.1391 #	0.42
811	00870104730	ARANDELA DEL POLO PRINC.EXTERI		12.00	0.1391 #	1.67
812	00870104770	SUPLEMENTO DEL INTERPOLO		4.00	0.1391 #	0.56

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Línea : 21
Almacén: 213021

Validades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
813	00870105770	PERNO DE EXPANSION		4.00	0.1391 #	0.56
814	00870106210	VIDRIO DEL VISOR		3.00	3.0079	9.02
815	00870202630			3.00	0.0000 +	0.00
816	00870300530	BOBINA.		1.00	100.2630	100.26
817	00870300570	BOBINA SHUNT.		2.00	150.3945	300.79
818	00870302490	ALOJAMIENTO DE RODAMIENTO.	1	2.00	0.0000 +	0.00
819	00870302590	TAPA DEL COJINETE	1	2.00	0.1391 #	0.28
820	00870302670	ARAND.RETENCION SELLO (LA/VENT	1	2.00	0.1391 #	0.28
821	00870302730	ARO DE EXPANSION (LADO VENTI.)	1	6.00	0.1391 #	0.83
822	00870302850	SOPORTE P/MONTAJE LADO IZQ.	1	3.00	0.1391 #	0.42
823	00870302870	SOPORTE P/MONTAJE LADO DERECHO	1	3.00	0.1391 #	0.42
824	00870303250		1	24.00	0.0000 +	0.00
825	00870303270	GATILLO DE PORTA ESCOBILLAS	1	10.00	0.0000 +	0.00
826	00870303550	PORTA ESCOBILLA COMPLETO.	1	12.00	65.3134	783.76
827	00870303570	RESORTE PARA PORTA ESCOBILLA.	1	10.00	4.9329	49.33
828	00870801060	TORNILLO	1	28.00	0.0000 +	0.00
829	00870803870	ESCOBILLA TIPO "DE.5"	1	0.00	14.4178	0.00
830	00870807370	ABRAZADERAS P/CABLES M/TRACC.	1	34.00	0.2005	6.82
831	00870811270	PINON DE 19 DIENTES	1	0.00	0.0000 +	0.00
832	00870811300	PINON DE 17 DIENTES	1	0.00	849.4779	0.00
833	00870811910	LUBRICADOR A MECHA COMPLETO	1	0.00	91.7407	0.00
834	00870811970	JUEGO COMP.DE MECHA Y RESORTES	1	1.00	69.2599	69.26
835	00870812030	MECHA DE LUBRICAC.DE 1 PIEZA	1	24.00	33.0868	794.08
836	00870812110	RESORTE(JUEGO DE 4 N0	1	10.00	0.1391 #	1.39
837	00870812930	JUNTAS	1	0.00	2.1742	0.00
838	00870813310	COJINETE SOPOR.MOT.TRACCION	1	0.00	153.3790	0.00
839	00870813450	COJINETE SOP.2034 ST.	1	0.00	597.7343	0.00
840	00870813470	COJUNETE SOP.MOT.TRAC.MEDIDA1/	1	0.00	1805.4567	0.00
841	00870813490	COJINETE SOP.MOTOR TRACCION	1	6.00	788.2220	4729.33
842	00870813590		1	0.00	653.9325	0.00
843	00871700390	COLECTOR P/MOT.CALEF.CABINA T.	1	4.00	0.2403	0.96
844	00872003490	ESCOBILLA DE CARBON CHICA	1	8.00	0.1391 #	1.11
845	00872003570	SHUNT P/MOTOR DEL REGULADOR	1	4.00	40.8910	163.56
846	00872003910	RESORTE DE LA ESCOBILLA	1	8.00	0.6361	5.09
847	00880100730	RESISTENCIA DE 74V. 2000 W.	1	0.00	98.0500	0.00
848	00880101100		1	3.00	0.0000 +	0.00
849	00880101110	CONECTOR	1	9.00	0.1391 #	1.25
850	00880101130	SEPARADOR	1	10.00	0.1391 #	1.39
851	00880201230	RECEP.P/LAMPARA INCLUIDO TORN.	1	1.00	40.5550	40.56
852	00880202510	CAJA LUZ CLASIF.L.FRENTE IZQ.	1	3.00	0.1391 #	0.42
853	00880205730	ARTEF.COMPL.SOSTEN DE LAMPARA	1	20.00	61.2707	1225.41
854	00880403090		1	4.00	0.0000 +	0.00
855	00889000800	TORNILLO (1/4")20H X 51MM C/RE	1	133.00	2.0052	266.69
856	00889001790	TERMINAL DE OREJA TIPO PRENSAB	1	26.00	0.1391 #	3.62
857	00889002230	TERMINAL OREJA PRENSABLE S/AIS	1	66.00	2.8008	184.85
858	00889002290	TERMINAL OREJA PRENSABLE S/AIS	1	37.00	0.1391 #	5.15
859	00889002510	TERMINAL P/CABLE GP2	1	49.00	24.9265	1221.40
860	00889002540	TERMINAL P/CABLE GN1	1	39.00	0.2135	8.33
861	00889002560	TERMINAL P/CABLE G5	1	13.00	0.1391 #	1.81
862	00889002580	TERMINAL A 900 P/CABLE STN	1	7.00	3.5092	24.56
863	00889004430	TERMINAL TIPO "U" PARA 2 CAB.	1	13.00	0.3007	3.91
864	00889004510	TERMINAL FAST-ON A 135 GR.	1	66.00	0.1002	6.61
865	00889004630	CORRECTOR AISLADO	1	132.00	0.1656	21.86
866	00889004790	CONECTOR S/AISLACION	1	13.00	4.1081	53.41
867	00890302930	PLACA DE FRICCION G.	1	29.00	87.1107	2526.21
868	00890302950	SOPORTE COMPLETO SUPERIOR	1	4.00	42.9387	171.75
869	00890307770	PLACA ELEASTICA DE RETENCION	1	10.00	15.0394	150.39
870	00890307830		1	9.00	0.0000 +	0.00

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Emisión: 10/11/94

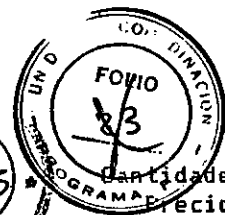
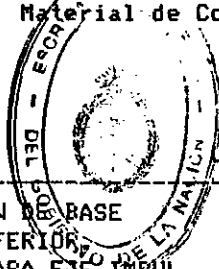
FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

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Almacén: 213021



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

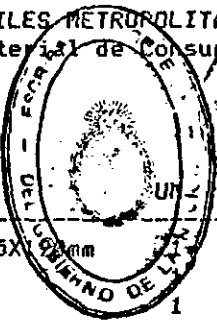
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
871	00890307870	PLACA P/SUSPENSION DE BASE	1	10.00	60.7277	607.28
872	00890307950	PLACA DESGASTE INFERIOR	1	9.00	0.0000 +	0.00
873	00890500130	SELLO DE ACEITE PARA EJE IMPUL	1	0.00	9.3097	0.00
874	00890500350	JUEGO P/ENGRANAJE P/IMPULSOR	1	3.00	2638.0974	7914.29
875	00890500370	ENGRANAJE IMPULSADO EJE VENTIL	1	0.00	1.7103	0.00
876	00890501130	TRAMPA ACEITE EJE VENTILADOR	1	4.00	0.3092	1.24
877	00890501390	ARO SEG.P/EJE VENT.2,187" SUPER	1	0.00	0.1391 #	0.00
878	00890502490	ELEMENTO P/EMBRAGUE NEUMATICO	1	50.00	0.1391 #	6.96
879	01550101070		1	7.00	0.0000 +	0.00
880	01550101130		1	10.00	0.0000 +	0.00
881	02330204380		1	2.00	0.0000 +	0.00
882	02330204390	ANILLO DE GOMA	1	76.00	62.1631	4724.40
883	02330601100		1	2.00	0.0000 +	0.00
884	02330706300		1	2.00	0.0000 +	0.00
885	02360601650	CONTACTO	1	4.00	0.0000 +	0.00
886	02371201130		1	4.00	0.0000 +	0.00
887	20280100200	TORNILLO	1	2582.00	0.1391 #	359.16
888	20280100210	TUERCA	1	1470.00	0.1391 #	204.48
889	26110200820		1	70.00	0.0000 +	0.00
890	26110202500		1	33.00	0.0000 +	0.00
891	26110204320		1	36.00	0.0000 +	0.00
892	26110204330		1	36.00	0.0000 +	0.00
893	26110205590		1	1.00	0.0000 +	0.00
894	26110205600		1	1.00	0.0000 +	0.00
895	26110205620		1	1.00	0.0000 +	0.00
896	26110211880		1	20.00	0.0000 +	0.00
897	26110214200		1	8.00	0.0000 +	0.00
898	26110214240		1	13.00	0.0000 +	0.00
899	26110214320		1	20.00	0.0000 +	0.00
900	26110214330		1	20.00	0.0000 +	0.00
901	26110214400		1	20.00	0.0000 +	0.00
902	26122302380		1	2.00	0.0000 +	0.00
903	26122701700		1	4.00	0.0000 +	0.00
904	26122701900		1	2.00	0.0000 +	0.00
905	26150100240		1	78.00	0.0000 +	0.00
906	26150100330		1	80.00	0.0000 +	0.00
907	26150108760		1	16.00	0.0000 +	0.00
908	26151302050		1	6.00	0.0000 +	0.00
909	26151700310		1	1.00	0.0000 +	0.00
910	26151701050		1	6.00	0.0000 +	0.00
911	26160503800		1	10.00	0.0000 +	0.00
912	26160503810		1	1.00	0.0000 +	0.00
913	26161001500		1	3.00	0.0000 +	0.00
914	27010204850		1	4.00	0.0000 +	0.00
915	27010204900		1	80.00	0.0000 +	0.00
916	27010206750	TAPA INTERMEDIA	1	8.00	80.2104	641.68
917	27010207000		1	15.00	0.0000 +	0.00
918	27010207600	APOYO DE GOMA	1	0.00	0.0000 +	0.00
919	27010207900	PORTA PATIN COMP.	1	5.00	70.1841	350.92
920	27010209600	PLACA LEVA DE REACCION	1	16.00	95.1993	1523.19
921	27010209770		1	2.00	0.0000 +	0.00
922	27010212510		1	4.00	0.0000 +	0.00
923	27010212690		1	16.00	0.0000 +	0.00
924	27010212890		1	50.00	0.0000 +	0.00
925	27010212990	RESORTE	1	0.00	0.1391 #	0.00
926	27010213230		1	48.00	0.0000 +	0.00
927	27010214150		1	16.00	0.0000 +	0.00
928	27010215210	HOJA MAESTRA PRIMERA P/INF	1	5.00	121.4228	607.11

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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



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Valores al: 31/08/94
Precios al: 31/07/94

ANEXO

NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
929	TORN AC.CAB.EX.N.20-25X	30.00	0.1391 #	4.17	
930	BARRA SOLAMENTE	8.00	309.7644	2478.12	
931		1	0.0000 +	0.00	
932	PERNO	1	0.0000 +	0.00	
933		1	0.0000 +	0.00	
934		1	0.0000 +	0.00	
935		1	0.0000 +	0.00	
936		1	0.0000 +	0.00	
937		1	0.0000 +	0.00	
938		1	0.0000 +	0.00	
939		1	0.0000 +	0.00	
940		1	0.0000 +	0.00	
941		1	0.00	3.1021	0.00
942		3	120.00	0.0000 +	0.00
943	ROLDANA SUP	1	62.00	3.9664	245.92
944	MANIJA P/PUERTA	1	8.00	8.0210	64.17
945		1	3.00	87.8870	263.66
946	CERRADURAS	1	3.00	20.0526	60.16
947	PICAR. P/CERRADURA DE ARRIMAR	1	2.00	40.1052	80.21
948	BRISAGRA P/PUERTA	1	12.00	23.6339	283.61
949		1	4.00	0.0000 +	0.00
950		1	31.00	0.0000 +	0.00
951		1	30.00	36.9171	1107.51
952	CHAVETA DE 120x35x2 MM	1	20.00	1.2155	24.31
953		1	2.00	0.0000 +	0.00
954		1	1.00	0.0000 +	0.00
955		1	1.00	0.0000 +	0.00
956		1	1.00	0.0000 +	0.00
957		1	1.00	0.0000 +	0.00
958		1	1.00	0.0000 +	0.00
959	ABRAZADERA P/MANGA	1	2.00	0.0000 +	0.00
960		1	1.00	0.0000 +	0.00
961		3	1.00	0.0000 +	0.00
962	TERMOSTACTO PARA RELADOR	1	1.00	0.0000 +	0.00
963		1	1.00	0.0000 +	0.00
964		1	1.00	0.0000 +	0.00
965		1	1.00	0.0000 +	0.00
966		1	1.00	0.0000 +	0.00
967	KLISON TIPO A.3	1	9.00	0.1391 #	1.25
968		1	7.00	0.0000 +	0.00
969	RESISTENCIA	1	10.00	0.1391 #	1.39
970	RESISTENCIA	1	10.00	0.1391 #	1.39
971	TAPA	1	1.00	0.1391 #	0.14
972	TULIPA DE 2 LUCES	1	0.00	6.5171	0.00
973		1	139.00	0.0000 +	0.00
974	TULIPA	1	0.00	3.6094	0.00
975	TULIPA	1	6.00	20.0526	120.32
976		1	15.00	0.0000 +	0.00
977	LLAVE 629	1	7.00	300.7892	2105.52
978		1	4.00	0.9162	3.66
979	PANAL	1	34.00	0.1391 #	4.73
980		1	70.00	0.0000 +	0.00
981		1	12.00	0.0000 +	0.00
982	PERNO UNION	1	15.00	0.0000 +	0.00
983		1	40.00	0.0000 +	0.00
984		1	2.00	0.0000 +	0.00
985	RESORTE INTERIOR	1	23.00	0.0000 +	0.00
986	RESORTE EXTERIOR	1	0.00	0.0000 +	0.00

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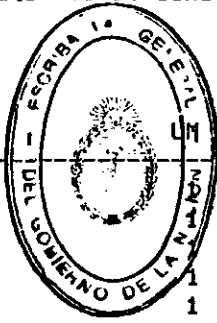
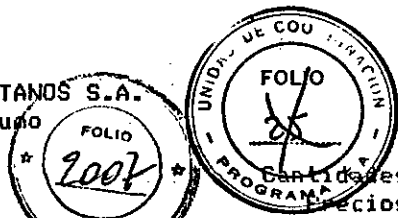
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 18

Línea : 21
Almacén: 213021



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTE	
987	27110211350	ASIENTO INFERIOR	1.00	0.0000 +	0.00	
988	27110211360		8.00	0.0000 +	0.00	
989	27110211370		8.00	0.0000 +	0.00	
990	27110211380		6.00	0.0000 +	0.00	
991	27110211390		6.00	0.0000 +	0.00	
992	27110211430		1	23.00	0.0000 +	0.00
993	27110211460	PLACA DE FRICCION	1	96.00	0.0000 +	0.00
994	27110211470		1	8.00	0.0000 +	0.00
995	27110211500	BULON P/CHANFLEADA	1	500.00	0.0000 +	0.00
996	27110211780		1	0.00	0.0000 +	0.00
997	27110211850		1	6.00	0.0000 +	0.00
998	27110211900		1	31.00	0.0000 +	0.00
999	27110211910		1	5.00	0.0000 +	0.00
1000	27110211920		1	2.00	0.0000 +	0.00
1001	27110212150		1	4.00	0.0000 +	0.00
1002	27110212190		1	2.00	0.0000 +	0.00
1003	27110212200		1	2.00	0.0000 +	0.00
1004	27110212290		1	22.00	0.0000 +	0.00
1005	27110212340		1	4.00	0.0000 +	0.00
1006	27110212350		1	7.00	0.0000 +	0.00
1007	27110212370		1	4.00	0.0000 +	0.00
1008	27110212550		1	869.00	11.3851	9893.65
1009	27110212600		1	82.00	0.0000 +	0.00
1010	27110213000	RESORTE EXTERIOR	1	47.00	0.0000 +	0.00
1011	27110213010	REESORTE INTERIOR	1	12.00	0.0000 +	0.00
1012	27110213020		1	2.00	0.0000 +	0.00
1013	27110213030		1	26.00	0.0000 +	0.00
1014	27110213040		1	2.00	0.0000 +	0.00
1015	27110213060	SUPLEMENTO DE REGULACION	1	4.00	0.0000 +	0.00
1016	27110213600		1	20.00	0.0000 +	0.00
1017	27110213640		1	20.00	0.0000 +	0.00
1018	27110213700		1	29.00	0.0000 +	0.00
1019	27110213710		1	2.00	0.0000 +	0.00
1020	27110213730		1	51.00	0.0000 +	0.00
1021	27110213770	ARANDELA E/GOMA Y SOPORTE	1	150.00	0.0000 +	0.00
1022	27110213780	GOMA ANTIVIBRATORIA	1	25.00	0.0000 +	0.00
1023	27110213790	ARANDELA DE GOMA	1	40.00	0.0000 +	0.00
1024	27110213800	ARO FIJADOR	1	60.00	0.0000 +	0.00
1025	27110213830		1	4.00	0.0000 +	0.00
1026	27110213850		1	67.00	0.0000 +	0.00
1027	27110213900		1	10.00	0.0000 +	0.00
1028	27110213910		1	8.00	0.0000 +	0.00
1029	27110213920		1	16.00	0.0000 +	0.00
1030	27110214070		1	4.00	0.0000 +	0.00
1031	27110214090		1	4.00	0.0000 +	0.00
1032	27110214170		1	8.00	0.0000 +	0.00
1033	27110214230		1	4.00	0.0000 +	0.00
1034	27110214250		1	4.00	0.0000 +	0.00
1035	27110214290		1	3.00	0.0000 +	0.00
1036	27110214330		1	24.00	0.0000 +	0.00
1037	27110214350		1	7.00	0.0000 +	0.00
1038	27110214370		1	0.00	0.0000 +	0.00
1039	27110214390		1	22.00	0.0000 +	0.00
1040	27110215080	BARRA INTERCONECTORA	1	0.00	0.0000 +	0.00
1041	27110215130		1	3.00	0.0000 +	0.00
1042	27110215150		1	0.00	0.0000 +	0.00
1043	27110215210		1	0.00	0.0000 +	0.00
1044	27110215370		1	0.00	0.0000 +	0.00

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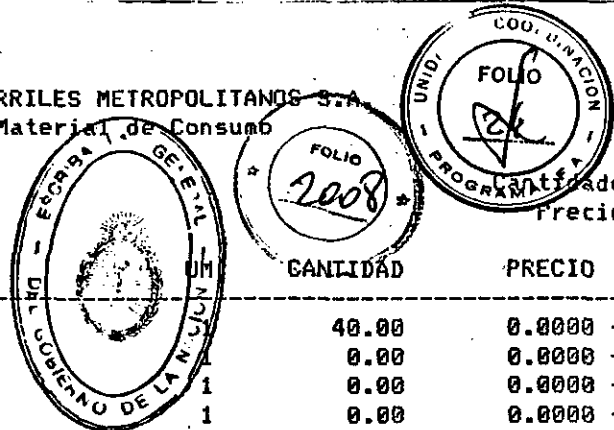
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
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Línea : 21
Almacén: 213021

Validades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1045	27110215380		40.00	0.0000 +	0.00
1046	27110215390	BUJE DE 30 X 20.-	0.00	0.0000 +	0.00
1047	27110215420		0.00	0.0000 +	0.00
1048	27110215430	PERNO	0.00	0.0000 +	0.00
1049	27110215500		0.00	0.0000 +	0.00
1050	27110215520		0.00	0.0000 +	0.00
1051	27110215550		25.00	0.0000 +	0.00
1052	27110215720		40.00	0.0000 +	0.00
1053	27110215770	VARILLA REGULADORA	105.00	0.0000 +	0.00
1054	27110215800	REESORTE P/CONTRA ZAPATA	30.00	0.0000 +	0.00
1055	27110215810	ASIENTO DEL RESORTE	50.00	7.8091	390.46
1056	27110215840	PERNO	0.00	0.0000 +	0.00
1057	27110215920		60.00	0.0000 +	0.00
1058	27110215940	BUJE	20.00	0.0000 +	0.00
1059	27110216110		0.00	0.0000 +	0.00
1060	27110222580		5.00	0.0000 +	0.00
1061	27110222680		4.00	0.0000 +	0.00
1062	27120401110		3	0.00	0.00
1063	27122300120	VIDRIO TRANSPARENTE	1	0.00	0.00
1064	27122320080		3	0.00	0.00
1065	27122320090		3	0.00	0.00
1066	27122320540		1	0.00	0.00
1067	27122320550		25.00	0.0000 +	0.00
1068	27122330220	VIDRIO P/VENT. CORREDIZA	1	0.00	0.00
1069	27122700800		1	0.00	0.00
1070	27122701500	CERRADURA COMPLETA	1	3.00	0.00
1071	27122701510	CERRADURA COMPLETA	1	1.00	0.00
1072	27122701520	CERRADURA COMPLETA	1	4.00	0.00
1073	27122702200		1	5.00	0.00
1074	27122702500		1	20.00	0.00
1075	27122702980		1	40.00	0.00
1076	27122708800		1	4.00	0.00
1077	27130501070		1	0.00	0.00
1078	27131600050	BARRA LATERAL	1	12.00	0.00
1079	27131600140	ELASTICO DE HOJAS	1	4.00	0.00
1080	27131600250		1	6.00	0.00
1081	27131600290		1	66.00	0.00
1082	27140225030		1	0.00	0.00
1083	27140225060		1	0.00	0.00
1084	27140225220		1	0.00	0.00
1085	27140225670		1	1.00	0.00
1086	27140225680		1	12.00	0.00
1087	27140225700		1	0.00	0.00
1088	27140225710		1	0.00	0.00
1089	27140225730		1	19.00	0.00
1090	27140225740		1	8.00	0.00
1091	27140225750		1	11.00	0.00
1092	27140225900		1	1.00	0.00
1093	27140225910		1	6.00	0.00
1094	27140225920		1	4.00	0.00
1095	27140226010		1	6.00	0.00
1096	27140226020		1	1.00	0.00
1097	27140226030		1	36.00	0.00
1098	27140226060		1	72.00	0.00
1099	27140226070		1	9.00	0.00
1100	27140226120		1	54.00	0.00
1101	27140226320		1	0.00	0.00
1102	27140226520		1	1.00	0.00

ANEXO

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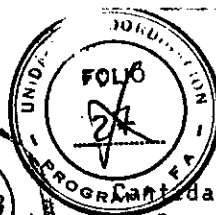
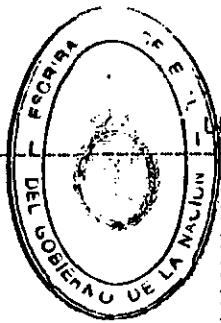
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 20

Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94



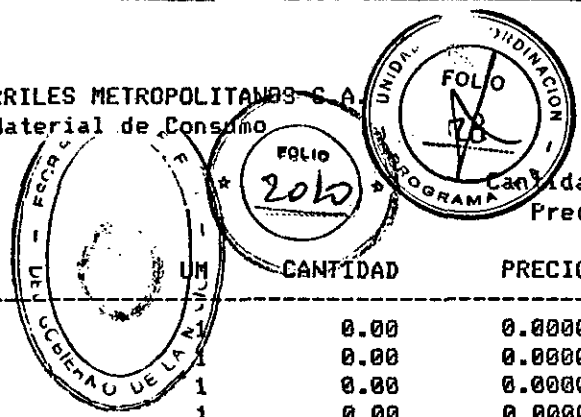
ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1103	27140226530		1	1.00	0.0000 + 0.00
1104	27140226540		1	1.00	0.0000 + 0.00
1105	27140226550		1	15.00	0.0000 + 0.00
1106	27140226570		1	8.00	0.0000 + 0.00
1107	27140226580		1	6.00	0.0000 + 0.00
1108	27140226590		1	15.00	0.0000 + 0.00
1109	27140226630		1	16.00	0.0000 + 0.00
1110	27140226650		1	8.00	0.0000 + 0.00
1111	27140226720		1	4.00	0.0000 + 0.00
1112	27140226730		1	2.00	0.0000 + 0.00
1113	27140226760		1	1.00	0.0000 + 0.00
1114	27140226770		1	4.00	0.0000 + 0.00
1115	27140226780		1	0.00	0.0000 + 0.00
1116	27140226800		1	6.00	0.0000 + 0.00
1117	27140226830	JUNTA TAPA DE VALVULA	1	2.00	0.0000 + 0.00
1118	27140226840		1	3.00	0.0000 + 0.00
1119	27140226870		1	2.00	0.0000 + 0.00
1120	27140226880		1	10.00	0.0000 + 0.00
1121	27140226900		1	0.00	0.0000 + 0.00
1122	27140226970		1	0.00	0.0000 + 0.00
1123	27140228300		1	0.00	0.0000 + 0.00
1124	27140228350		1	0.00	0.0000 + 0.00
1125	27140228390		1	0.00	317.6328 0.00
1126	27140228400		1	0.00	0.0000 + 0.00
1127	27140308040		1	0.00	0.0000 + 0.00
1128	27140308320		1	0.00	0.0000 + 0.00
1129	27140308360		1	0.00	0.0000 + 0.00
1130	27140308740		1	4.00	0.0000 + 0.00
1131	27140309020		1	30.00	0.0000 + 0.00
1132	27140309030		1	36.00	0.0000 + 0.00
1133	27140309080		1	3.00	113.8285 341.49
1134	27140309090		1	1.00	0.0000 + 0.00
1135	27140309100		1	1.00	0.0000 + 0.00
1136	27140309130		1	6.00	0.0000 + 0.00
1137	27140309140		1	24.00	0.0000 + 0.00
1138	27140309150		1	0.00	0.0000 + 0.00
1139	27140309160		1	6.00	0.0000 + 0.00
1140	27140309810		1	2.00	0.0000 + 0.00
1141	27140309840		1	6.00	0.0000 + 0.00
1142	27140309850		1	24.00	0.0000 + 0.00
1143	27140309870		1	11.00	0.0000 + 0.00
1144	27140310180		1	0.00	0.0000 + 0.00
1145	27140310190		1	0.00	0.0000 + 0.00
1146	27140413000		1	2.00	0.0000 + 0.00
1147	27140413030		1	1.00	0.0000 + 0.00
1148	27140413040		1	36.00	0.0000 + 0.00
1149	27140413050		1	4.00	0.0000 + 0.00
1150	27140413070		1	8.00	0.0000 + 0.00
1151	27140413080		1	1.00	0.0000 + 0.00
1152	27140413100		1	3.00	0.0000 + 0.00
1153	27140413190		1	9.00	0.0000 + 0.00
1154	27140413210		1	4.00	0.0000 + 0.00
1155	27140413240		1	16.00	0.0000 + 0.00
1156	27140413280		1	1.00	0.0000 + 0.00
1157	27140413410		1	20.00	0.0000 + 0.00
1158	27140413430		1	3.00	0.0000 + 0.00
1159	27140413440		1	1.00	0.0000 + 0.00
1160	27140413460		1	0.00	0.0000 + 0.00

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Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

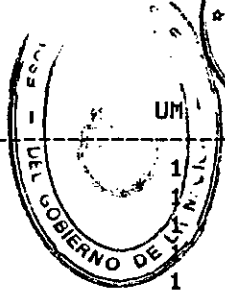
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1161	27140512510		1	0.00	0.0000 +	0.00
1162	27140512720		1	0.00	0.0000 +	0.00
1163	27140613310		1	0.00	0.0000 +	0.00
1164	27140613550		1	0.00	0.0000 +	0.00
1165	27140613560		1	0.00	0.0000 +	0.00
1166	27140613690		1	0.00	0.0000 +	0.00
1167	27140613710		1	0.00	0.0000 +	0.00
1168	27140613720		1	0.00	0.0000 +	0.00
1169	27140613760		1	0.00	0.0000 +	0.00
1170	27140613770		1	0.00	0.0000 +	0.00
1171	27140613780		1	0.00	0.0000 +	0.00
1172	27140613790		1	0.00	0.0000 +	0.00
1173	27140613800		1	0.00	0.0000 +	0.00
1174	27140614050		1	0.00	0.0000 +	0.00
1175	27140616290	TAMIZ	1	0.00	0.0000 +	0.00
1176	27140616430		1	0.00	0.0000 +	0.00
1177	27140616960	JUNTA ANULAR	1	0.00	0.0000 +	0.00
1178	27140617210	CANO DE BOMBA INYECTORA	1	0.00	0.0000 +	0.00
1179	27140617220	CANO BOMBA INYECTORA NRO.1	1	1.00	0.0000 +	0.00
1180	27140617230	CANO DE BOMBA INYECTORA NRO.3	1	8.00	0.0000 +	0.00
1181	27140617240	CANO DE BOMBA INYECTORA	1	0.00	0.0000 +	0.00
1182	27140617250	CANO DE BOMBA INYECTORA	1	2.00	0.0000 +	0.00
1183	27140617260	CANO DE BOMBA INYECTORA	1	8.00	0.0000 +	0.00
1184	27140617330	JUNTA ANULAR DOBLE	1	78.00	0.0000 +	0.00
1185	27140617340		1	86.00	0.0000 +	0.00
1186	27140617470	CANO FLEXIBLE	1	0.00	0.0000 +	0.00
1187	27140617480	CANO FLEXIBLE	1	4.00	0.0000 +	0.00
1188	27140617500		1	12.00	0.0000 +	0.00
1189	27140618530		1	7.00	0.0000 +	0.00
1190	27140620000		1	0.00	0.0000 +	0.00
1191	27140620010		1	4.00	0.0000 +	0.00
1192	27140713500		1	1.00	0.0000 +	0.00
1193	27140713510		1	1.00	0.0000 +	0.00
1194	27140713520		1	6.00	0.0000 +	0.00
1195	27140713540		1	7.00	0.0000 +	0.00
1196	27140713560		1	6.00	0.0000 +	0.00
1197	27140713570		1	8.00	0.0000 +	0.00
1198	27140713580		1	0.00	0.0000 +	0.00
1199	27140713590		1	0.00	0.0000 +	0.00
1200	27140713600		1	6.00	0.0000 +	0.00
1201	27140713610		1	6.00	0.0000 +	0.00
1202	27140713620		1	0.00	0.0000 +	0.00
1203	27140713630		1	0.00	0.0000 +	0.00
1204	27140714540		1	0.00	0.0000 +	0.00
1205	27140714550		1	0.00	0.0000 +	0.00
1206	27140714560		1	0.00	0.0000 +	0.00
1207	27140714570		1	0.00	0.0000 +	0.00
1208	27140714580		1	0.00	0.0000 +	0.00
1209	27140714610		1	0.00	0.0000 +	0.00
1210	27140715070	CAMISA	1	0.00	0.0000 +	0.00
1211	27140715100		1	0.00	0.0000 +	0.00
1212	27140715110		1	0.00	0.0000 +	0.00
1213	27140715190		1	0.00	0.0000 +	0.00
1214	27140715290	CANERIA LUBRICACION	1	0.00	0.0000 +	0.00
1215	27140808510	CARCAZA	1	0.00	0.0000 +	0.00
1216	27140808520	EJE	1	0.00	0.0000 +	0.00
1217	27140808530		1	0.00	0.0000 +	0.00
1218	27140808620		1	0.00	0.0000 +	0.00

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Línea : 21
Almacén: 213021

Valores al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
1219	27140808640		1	6.00	0.0000 +	0.00
1220	27140808650		1	0.00	0.0000 +	0.00
1221	27140808700		1	0.00	0.0000 +	0.00
1222	27140808710	JUNTA	1	0.00	0.0000 +	0.00
1223	27140809010		1	0.00	0.0000 +	0.00
1224	27140809020		1	0.00	0.0000 +	0.00
1225	27140809600		1	0.00	0.0000 +	0.00
1226	27140809700		1	0.00	0.0000 +	0.00
1227	27140809800		1	0.00	0.0000 +	0.00
1228	27140809940		1	0.00	0.0000 +	0.00
1229	27140811500		1	0.00	0.0000 +	0.00
1230	27140820510		1	0.00	0.0000 +	0.00
1231	27149000280		1	0.00	0.0000 +	0.00
1232	27149000290		1	0.00	0.0000 +	0.00
1233	27150100100		1	0.00	0.0000 +	0.00
1234	27150100750	TAPA INSPECCION	1	0.00	0.0000 +	0.00
1235	27150100760		1	0.00	0.0000 +	0.00
1236	27150101270		1	0.00	0.0000 +	0.00
1237	27150103010		1	0.00	0.0000 +	0.00
1238	27150502630		1	0.00	0.0000 +	0.00
1239	27151300030		1	5.00	0.0000 +	0.00
1240	27151301000		1	1.00	0.0000 +	0.00
1241	27151304550		1	12.00	0.0000 +	0.00
1242	27151306340	MICRO INTERRUPTOR	1	4.00	0.0000 +	0.00
1243	27151315140		1	6.00	0.0000 +	0.00
1244	27151315160		1	4.00	0.0000 +	0.00
1245	27151315170		1	6.00	0.0000 +	0.00
1246	27151315190		1	8.00	0.0000 +	0.00
1247	27151315200		1	4.00	0.0000 +	0.00
1248	27151315210		1	4.00	0.0000 +	0.00
1249	27151315230	RETEN ACEITE	1	2.00	0.0000 +	0.00
1250	27151315240		1	2.00	0.0000 +	0.00
1251	27151315250		1	4.00	0.0000 +	0.00
1252	27151315260		1	4.00	0.0000 +	0.00
1253	27151315350		1	8.00	0.0000 +	0.00
1254	27151315360	JUNTA DE GOMA	1	0.00	0.0000 +	0.00
1255	27151315370	EJE DE GUIA	1	5.00	0.0000 +	0.00
1256	27151315380	ARANDELA SUPLEMENTO	1	8.00	0.0000 +	0.00
1257	27151315390	TORNILLO SUJECCION	1	8.00	0.0000 +	0.00
1258	27151315490	ESCOBILLA DE CARBON	1	4.00	0.0000 +	0.00
1259	27151315510	TORNILLO P/FIJAR ESCOBILLA	1	20.00	0.0000 +	0.00
1260	27151315520	RESORTE P/ ESCOBILLA	1	16.00	0.0000 +	0.00
1261	27151315540		1	4.00	0.0000 +	0.00
1262	27151315550		1	8.00	0.0000 +	0.00
1263	27151315560	PUENTE CONEXION	1	16.00	0.0000 +	0.00
1264	27151315670		1	0.00	0.0000 +	0.00
1265	27151315690		1	6.00	0.0000 +	0.00
1266	27151315700		1	4.00	0.0000 +	0.00
1267	27151315720		1	4.00	0.0000 +	0.00
1268	27151315760		1	8.00	0.0000 +	0.00
1269	27151315770		1	0.00	0.0000 +	0.00
1270	27151315780		1	0.00	0.0000 +	0.00
1271	27151315860		1	0.00	0.0000 +	0.00
1272	27151315880		1	8.00	0.0000 +	0.00
1273	27151315920	TUERCA EXAGONAL P/VASTAGO	1	12.00	0.0000 +	0.00
1274	27151315930		1	4.00	0.0000 +	0.00
1275	27151315960	TAPA GUARDAPOLVO	1	6.00	0.0000 +	0.00
1276	27151315970		1	4.00	0.0000 +	0.00

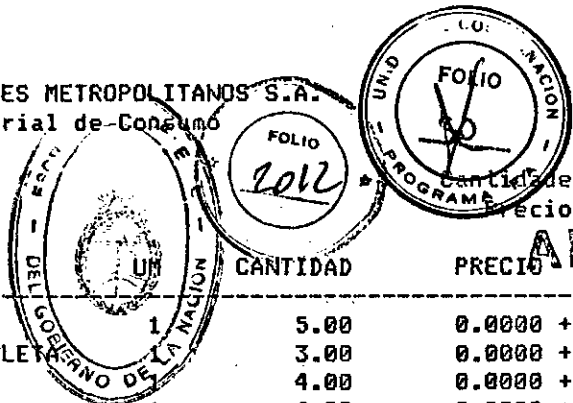
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 23

Línea : 21
Almacén: 213021



Cantidades al: 31/08/94
Precios al: 31/07/94

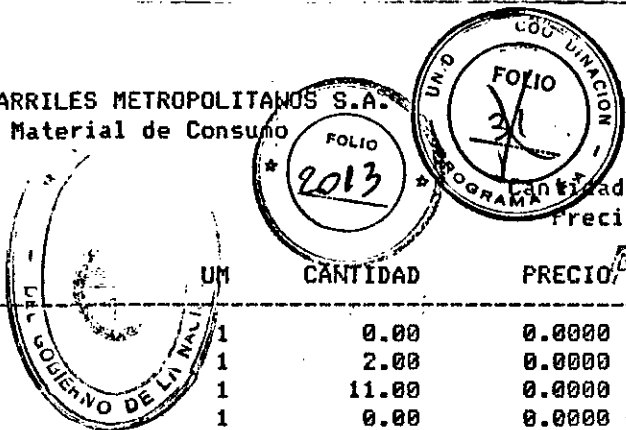
ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1277	27151315980		1	5.00	0.0000 + 0.00
1278	27151316520	VARILLA DE RETORNO COMPLET	3.00	0.0000 +	0.00
1279	27151316560		4.00	0.0000 +	0.00
1280	27151316570		1	4.00	0.0000 + 0.00
1281	27151316580		1	4.00	0.0000 + 0.00
1282	27151316590		1	8.00	0.0000 + 0.00
1283	27151316600	DISCO DISPARADOR	1	3.00	0.0000 + 0.00
1284	27151316880		1	9.00	0.0000 + 0.00
1285	27151316890	RESORTE ESPIRAL	1	4.00	0.0000 + 0.00
1286	27151316900		1	8.00	0.0000 + 0.00
1287	27151316910		1	0.00	0.0000 + 0.00
1288	27151316920		1	8.00	0.0000 + 0.00
1289	27151316930		1	8.00	0.0000 + 0.00
1290	27151316940		1	12.00	0.0000 + 0.00
1291	27151316950		1	0.00	0.0000 + 0.00
1292	27151316960		1	0.00	0.0000 + 0.00
1293	27151316970		1	0.00	0.0000 + 0.00
1294	27151316980		1	0.00	0.0000 + 0.00
1295	27151316990		1	0.00	0.0000 + 0.00
1296	27151317000		1	0.00	0.0000 + 0.00
1297	27151317010		1	0.00	0.0000 + 0.00
1298	27151317030	TUERCA EXAG.P/FIJAR PINON	1	0.00	0.0000 + 0.00
1299	27151317040		1	0.00	0.0000 + 0.00
1300	27151317050		1	0.00	0.0000 + 0.00
1301	27151500100		1	0.00	0.0000 + 0.00
1302	27151502500	CONTACTOR MAGNETICO	1	1.00	0.0000 + 0.00
1303	27151507000	CONTACTOR	1	0.00	0.0000 + 0.00
1304	27151704090		1	4.00	0.0000 + 0.00
1305	27151704140	MARCO P/ TULIPA	1	0.00	0.0000 + 0.00
1306	27151704150	CUBIERTA PLASTICA	1	0.00	0.0000 + 0.00
1307	27151704640		1	0.00	0.0000 + 0.00
1308	27151704650	TULIPA DE PLAFON	1	0.00	0.0000 + 0.00
1309	27151705080	ARTEFACTO EMERG.	1	6.00	0.0000 + 0.00
1310	27151900010	CALEFACTOR	1	2.00	0.0000 + 0.00
1311	27152100570		1	0.00	0.0000 + 0.00
1312	27152103500		1	2.00	0.0000 + 0.00
1313	27152900310		1	2.00	0.0000 + 0.00
1314	27152901500		1	0.00	0.0000 + 0.00
1315	27153107520		1	0.00	0.0000 + 0.00
1316	27160200110		1	0.00	0.0000 + 0.00
1317	27160204010	FILTRO D/EVAPORADOR	1	26.00	0.0000 + 0.00
1318	27160300820	ELEMENTO FILTRANTE	1	3.00	0.0000 + 0.00
1319	27160303100	VALVULA DE EXPANSION	1	3.00	0.0000 + 0.00
1320	27160306000		1	0.00	0.0000 + 0.00
1321	27160306010		1	0.00	0.0000 + 0.00
1322	27160400010	INTERRUPTOR DE PRESION	1	0.00	0.0000 + 0.00
1323	27160403000	MANOMETRO DE DOBLE MANIJA	1	0.00	0.0000 + 0.00
1324	27160500860		1	2.00	0.0000 + 0.00
1325	27160501040		1	0.00	0.0000 + 0.00
1326	27160501540		1	2.00	0.0000 + 0.00
1327	27160600017		1	2.00	0.0000 + 0.00
1328	27160600500		1	0.00	0.0000 + 0.00
1329	27160600517		1	15.00	0.0000 + 0.00
1330	27160700507		1	16.00	0.0000 + 0.00
1331	27161000570	CONTACTO FIJO	1	4.00	0.0000 + 0.00
1332	27161100720		1	0.00	0.0000 + 0.00
1333	27170102500	VALVULA DE TRES VIAS	1	0.00	0.0000 + 0.00
1334	27170102700		1	0.00	0.0000 + 0.00

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Línea : 21
Almacén: 213021

Validades al: 31/08/94
Precios al: 31/07/94



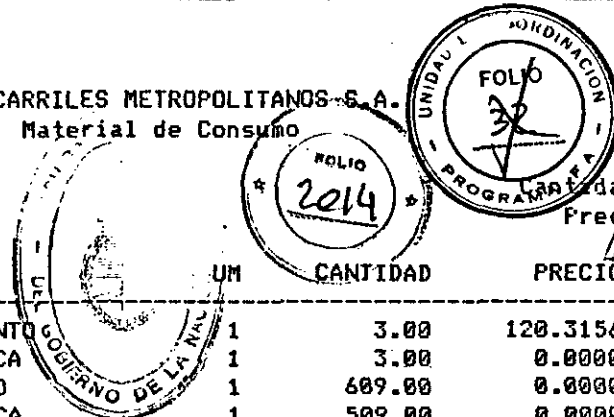
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1335	27170300530		1	0.00	0.0000 +	0.00
1336	27170306500		1	2.00	0.0000 +	0.00
1337	27170307010	ESPEJO	1	11.00	0.0000 +	0.00
1338	27170307020	ESPEJO	1	0.00	0.0000 +	0.00
1339	27180102070		1	0.00	0.0000 +	0.00
1340	27180105800		1	0.00	0.0000 +	0.00
1341	27180106600		1	0.00	0.0000 +	0.00
1342	27180107010		1	2.00	0.0000 +	0.00
1343	27180107240		1	0.00	0.0000 +	0.00
1344	27182102000	FAROL DE COLA COMP.	1	0.00	0.0000 +	0.00
1345	27210202430		1	40.00	0.0000 +	0.00
1346	27210202870	PLACA DE FRICCION 291X35X6,3mm	1	104.00	3.1284	325.35
1347	27210203540	HOJA 240 X 100 X 10mm	1	30.00	0.1391 #	4.17
1348	27210203550	HOJA 452 X 100 X 10mm	1	30.00	0.1391 #	4.17
1349	27210203560	HOJA 654 X 100 X 10mm	1	10.00	0.1391 #	1.39
1350	27210203570	HOJA 875 X 100 X 10mm	1	2.00	21.8081	43.62
1351	27210203610	BRIDA	1	184.00	149.9847	27597.18
1352	27210203620	TORNILLO FIJ.	1	80.00	3.9904	319.23
1353	27210203660	BUJE DE SEPARACION	1	100.00	5.3788	537.88
1354	27210203670	DISCO EXTERNO	1	20.00	0.1391 #	2.78
1355	27210203680	DISCO INTERMEDIO	1	20.00	0.1391 #	2.78
1356	27210203710	TOR AC.CAB.EX 25,4mm-1 PUL	1	94.00	0.1391 #	13.08
1357	27210207060	RESORTE INTERMEDIO	1	54.00	90.3307	4877.86
1358	27210207070	RESORTE EXTERIOR	1	14.00	160.8550	2251.97
1359	27210208580	RESORTE TENSOR CLICCIDAL	1	96.00	57.4822	5518.29
1360	27210208590	GUIA INTERIOR DEL RESORTE	1	96.00	92.1776	8849.05
1361	27210211480	SUSP. P.CONTRA ZAPATA N.DERCOM	1	22.00	0.1391 #	3.06
1362	27210211490	SUSPENSOR C/ZAPATA M.IZQUIERDA	1	12.00	0.1391 #	1.67
1363	27210213310	CORREDERA S - ACCESORIOS	1	28.00	21.3412	597.55
1364	27222323190	BORDE INF. DE GOMA Y FELPA	3	59.70	13.0164	777.08
1365	27222323420		1	1300.00	0.0000 +	0.00
1366	27222327520	PLANCHUELA DE 650 X 13 X 2mm	1	82.00	6.9743	571.89
1367	27231600550	BRIDA	1	12.00	0.1391 #	1.67
1368	27231601870	SOPORTE DE 110 X 71mm	1	4.00	0.1391 #	0.56
1369	27231602410		1	8.00	0.0000 +	0.00
1370	27251706540	ARTEFACTO P/PLUM.UNA LAMP.TH.3	1	1.00	0.1391 #	0.14
1371	27260702120	FLEXIBLE	1	1.00	0.1391 #	0.14
1372	27270101000	CANO 3/8" MPT	1	5.00	0.1391 #	0.70
1373	27270104040	PUNZVAL DE ACCIONAMIENTO	1	3.00	0.1391 #	0.42
1374	27280103440	RESORTE	1	10.00	0.1391 #	1.39
1375	27280103490	PERNO CABEZA	1	10.00	0.1391 #	1.39
1376	41210101630		1	12.00	0.0000 +	0.00
1377	41210104330		1	6.00	0.0000 +	0.00
1378	41210104480		1	28.00	0.0000 +	0.00
1379	41210106190	PASTILLA DE FRENO	1	0.00	90.5892	0.00
1380	41210108700	SOPORTE	1	3.00	0.0000 +	0.00
1381	41222000010	PUERTA CORREDIZA	1	12.00	0.0000 +	0.00
1382	41222000030	PUERTA CORREDIZA	1	11.00	0.0000 +	0.00
1383	41222001080	VIDRIOS LAMINOSOS 909 X 399	1	0.00	14.3075	0.00
1384	41222008350		1	0.00	0.0000 +	0.00
1385	41222008360	VENTANILLA LATERAL	1	0.00	0.0000 +	0.00
1386	41222014650	VIDRIO PUERTA	1	50.00	20.4453	1022.27
1387	41222500010		1	1.00	0.0000 +	0.00
1388	41223000480		1	12.00	0.0000 +	0.00
1389	41223000880		1	4.00	0.0000 +	0.00
1390	41223000900	FIJADORES	1	104.00	0.0000 +	0.00
1391	41223100070		1	0.00	2.5947	0.00
1392	41223100090	CORRON DE GOMA	1	0.00	0.7122	0.00

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Línea : 21
Almacén: 213021

Unidades al: 31/08/94
Precios al: 31/07/94



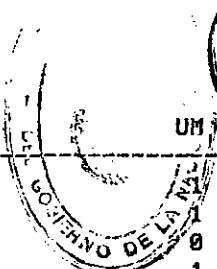
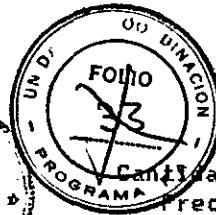
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1393	41224005800	RESPALDO DEL ASIENTO	1	3.00	120.3156	360.95
1394	41224006090	AGARRADERA METALICA	1	3.00	0.0000 +	0.00
1395	41228000190	AGARRADERA DE MAND	1	609.00	0.0000 +	0.00
1396	41228000200	AGARRADERA PLASTICA	1	509.00	0.0000 +	0.00
1397	41228001090	MENSULA SOPORTE	1	1.00	0.0000 +	0.00
1398	41233000230		1	2.00	0.0000 +	0.00
1399	41233000510	PLACA	1	2.00	0.0000 +	0.00
1400	41233000550	AMORTIGUADOR	1	4.00	0.0000 +	0.00
1401	41233000810	RESORTE	1	2.00	0.0000 +	0.00
1402	41233010220	AISLADOR	1	3.00	0.0000 +	0.00
1403	41233010240	AISLADOR	1	6.00	0.0000 +	0.00
1404	41250100070	PATIN PRINCIPAL	1	0.00	155.4077	0.00
1405	41250100090	PATIN AUXILIAR	1	22.00	13.1809	289.98
1406	41250100570	BUJE	1	12.00	0.0000 +	0.00
1407	41250102090	COJINETE	1	0.00	0.0000 +	0.00
1408	41250104640	TAPON DE GOMA	1	3.00	0.0000 +	0.00
1409	41250702720	CONTACTO MOVIL	1	4.00	0.0000 +	0.00
1410	41250800010	MOTOR TRACCION	1	0.00	0.0000 +	0.00
1411	41262103860	LENGUETA	1	1.00	0.0000 +	0.00
1412	41262104600	CONTACTOR	1	1.00	0.0000 +	0.00
1413	41262110020	CAMARA	1	1.00	0.0000 +	0.00
1414	41262200900		1	1.00	0.0000 +	0.00
1415	41270100940	CONJUNTO DEL PORTAESCOBILLA	1	1.00	0.0000 +	0.00
1416	41270400040	CONJUNTO CONTACTO MOVIL	1	1.00	0.0000 +	0.00
1417	41271712780	PERNO	1	8.00	0.0000 +	0.00
1418	41272000020		1	1.00	0.0000 +	0.00
1419	41272000060		1	30.00	182.6111	5478.33
1420	41272600040	PLAFON DE SALON 40 W	1	3.00	0.0000 +	0.00
1421	41280100480		1	2.00	0.0000 +	0.00
1422	41280101400	RODAMIENTO	1	1.00	0.0000 +	0.00
1423	41280102220	BUJE	1	88.00	40.1612	3534.19
1424	41280112860	O RING	1	9.00	0.0000 +	0.00
1425	41280112920	VALVULA	1	9.00	0.0000 +	0.00
1426	41280120520		1	18.00	0.0000 +	0.00
1427	41280208100	JUNTA	1	4.00	0.0000 +	0.00
1428	41280212000		1	1.00	0.0000 +	0.00
1429	41280400500	O RING	1	25.00	0.0000 +	0.00
1430	41280705420	O RING	1	187.00	0.0000 +	0.00
1431	41281700380	O RING	1	18.00	0.0000 +	0.00
1432	41282001660	VALVULA	1	18.00	0.0000 +	0.00
1433	41282001720	VALVULA	1	12.00	0.0000 +	0.00
1434	41282015140	CAFERUZA	1	16.00	0.0000 +	0.00
1435	41282100750	DIAFRAGMA	1	6.00	0.0000 +	0.00
1436	41282500020	CONJUNTO COMPLETO	1	1.00	0.0000 +	0.00
1437	41282600240	DIAFRAGMA	1	6.00	0.0000 +	0.00
1438	41283601420	FUELLE	1	48.00	0.0000 +	0.00
1439	41285000220	CUBETA DE PISTON	1	4.00	0.0000 +	0.00
1440	41285000280	ANILLO DE FIELTRO	1	4.00	0.0000 +	0.00
1441	41285000440	TAPA	1	3.00	0.0000 +	0.00
1442	41285000560		1	4.00	0.0000 +	0.00
1443	41285000580	RESORTE	1	3.00	0.0000 +	0.00
1444	41285000640	TORNILLO	1	4.00	0.0000 +	0.00
1445	41285000680	EMPAQUETADURA	1	40.00	0.0000 +	0.00
1446	41285000900	TAPA	1	5.00	0.0000 +	0.00
1447	41285000920	BUJE DE GOMA	1	100.00	0.0000 +	0.00
1448	41285001050	CHAPA PORTA FIELTRO	1	4.00	0.0000 +	0.00
1449	41285001190	JUNTA	1	10.00	0.0000 +	0.00
1450	41285002300	SOPORTE	1	4.00	0.0000 +	0.00

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Línea : 21
Almacén: 213021



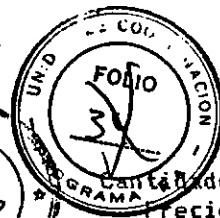
Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1451	41285300110	CUBETA		22.00	0.0000 +	0.00
1452	41610200580			6.00	0.0000 +	0.00
1453	41610400620			0.00	0.0000 +	0.00
1454	41620500010	UNICALON	1	7.00	1.4926	10.45
1455	41620500030	UNICALON	1	8.00	6.4710	51.77
1456	41620500050	LLIQUIDO R	1	3.00	9.9791	29.94
1457	41620500070	LIQUIDO H	1	3.00	22.2380	66.71
1458	41620500090	LIQUIDO A	1	2.00	21.0014	42.00
1459	41620500220	CUBIERTA P/PISO	1	0.00	15.6984	0.00
1460	41622500840	PESTILLO	1	0.00	30.5354	0.00
1461	41623000520	FIJADOR MECANICO	1	0.00	5.4858	0.00
1462	41623001110	FIJADOR MECANICO	1	0.00	5.4858	0.00
1463	41623002570	FIJADOR MECANICO	1	0.00	5.4858	0.00
1464	41624003500		0	0.00	5.7325	0.00
1465	41628000010	AGARRADERA	1	6.00	54.1794	325.08
1466	41628000550	MOLDURA	1	0.00	0.1391 #	0.00
1467	41628000770	CARTEL PROHIBIDO FUMAR	1	0.00	0.1391 #	0.00
1468	41628000800	PARASOL AZUL	1	0.00	0.1391 #	0.00
1469	41628002400	PESTILLO C/LLAVE	1	1.00	7.5419	7.54
1470	41628005520	MOLDURA	1	0.00	0.1391 #	0.00
1471	41628005540	MOLDURA	1	0.00	0.1391 #	0.00
1472	41629001200	TUERCA	1	6.00	0.1391 #	0.83
1473	41629210200	ARANDELA	1	30.00	0.1391 #	4.17
1474	41633000460		0	0.00	0.0000 +	0.00
1475	41633000470		0	0.00	0.0000 +	0.00
1476	41633200170		0	0.00	0.0000 +	0.00
1477	41650000770		1	400.00	17.0447	6817.88
1478	41650002400		1	5.00	0.0000 +	0.00
1479	41650002420		1	1.00	0.0000 +	0.00
1480	41660700130	CAFACITOR	1	1.00	6.1014	6.10
1481	41661500500		1	6.00	6.6451	39.87
1482	41661501330		1	18.00	2.2611	40.70
1483	41661501850	GRIFO	1	8.00	1.4322	11.46
1484	41661900070	CONTACTO MOVIL	1	8.00	0.1489	1.19
1485	41661900090	GENERADOR FIJO	1	24.00	0.2249	5.40
1486	41672000090	UNIDAD SELLADA	1	0.00	180.5040	0.00
1487	41674700530		1	24.00	1.1357	27.26
1488	41674800350	BOQUILLA	1	2.00	12.2126	24.43
1489	41680102600	JUNTA	1	32.00	2.7292	87.33
1490	41680700170	JUNTA	1	1.00	1.7386	1.74
1491	41683300090	JUNTA	1	1.00	0.3470	0.35
1492	41683700250	ELEMENTO	1	0.00	147.7075	0.00
1493	41684001200	GRIFO	1	1.00	86.9211	86.92
1494	41684200010	MANGUERA	1	3.00	80.8111	242.43
1495	41685000010	MOTOR	1	1.00	718.3607	718.36
1496	41685000650	EMPAQUETADURA	1	540.00	1.1075	598.05
1497	41685000970	JUNTA	1	138.00	1.2885	177.81
1498	41685002000	SOPORTE	1	4.00	74.7065	298.83
1499	41685002010	RESORTE	1	4.00	2.9781	11.91
1500	41685002300	LLAVE LIMITADORA	1	3.00	52.7974	158.39
1501	41690101100		1	4.00	4.4821	17.93
1502	41690101450	MANGA DE AIRE	1	3.00	28.5731	85.72
1503	41690200500	CONJUNTO DE CONTACTO	1	1.00	2108.3999	2108.40
1504	80010570400		4	25.00	0.0000 +	0.00
1505	80012020500	ACERO EN BARRA DIAM.50,8	4	195.00	1.1480	223.86
1506	80012020660	ACERO EN BARRA DIAM.76,2mm	4	180.00	0.9023	162.41
1507	80012820260		4	302.50	0.0000 +	0.00
1508	80012820500	BARRA RED. DE 50,8 mm.	4	198.00	1.0862	206.38

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Línea : 21
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Carátulas al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MORTE
1509	80013120340	ACERO COMUN		35.00	0.1391 #	4.87
1510	80013120530		4	0.00	0.0000 +	0.00
1511	80013130220	ACERO COMUN EXAG. DE 21mm	4	45.00	1.2874	57.93
1512	80013130320	ACERO EN BARRA EXAG.DE 33mm	4	81.00	0.1391 #	11.27
1513	80013130360		4	26.00	0.0000 +	0.00
1514	80013720340	PLANCHUELA	4	27.00	0.9825	26.53
1515	80013722760	ACERO EN PLANCHUELA	4	60.00	1.3646	81.88
1516	80024617040	PLANCHUELAS	1	2200.00	0.0000 +	0.00
1517	80211010250		4	117.00	0.0000 +	0.00
1518	80283330010		4	109.00	0.0000 +	0.00
1519	80411560500		1	8.00	0.0000 +	0.00
1520	80463910610		1	68.00	0.0000 +	0.00
1521	80681110320	TUERCA	4	5.00	3.7172	18.59
1522	80681110790	TUERCA EXAG.ROSCA W AJUSTE VAST	4	16.00	3.7172	59.48
1523	80681110950	TUERCA HEXAG.9,5MM. 3/8" 16H.	4	11.00	3.2848	36.13
1524	80681111270	TUERCA HEXAG. 12,7MM. 1/2" 12H	4	44.00	3.7172	163.56
1525	80681111430	TUERCA HEXAG. DE 14,3 mm.	4	10.00	3.1583	31.58
1526	80681111910	TUERCA HEXAG. 19,1MM. 3/4" 10H	4	46.00	3.3258	152.99
1527	80681112220	TUERCA HEXAG.22,2MM. 7/8" 9H.	4	93.00	3.2950	306.44
1528	80681112540	TUERCA HEXAG. 25,4MM. 1" 8H.	4	36.00	3.3258	119.73
1529	80681113170	TUERCA EXAG.31,7mm.DE 7 HILOS	4	250.00	3.2950	823.75
1530	80684312540		4	6.00	0.0000 +	0.00
1531	80685132540	TUERCA ALMENADA 1"	4	49.00	30.7799	1508.22
1532	80690920390	TUERCA 5/32	4	2.00	21.4300	42.86
1533	80711171140		4	14.00	0.0000 +	0.00
1534	80711171160	ALAMBRE PARA RESORTE	4	8.19	10.0262	82.11
1535	80711171220		4	9.00	0.0000 +	0.00
1536	80720110200		4	10.50	0.0000 +	0.00
1537	80720610200		4	35.00	0.0000 +	0.00
1538	80720610230		4	9.50	0.0000 +	0.00
1539	80891330100	CXODO 90GDO DE 3/8"	1	82.00	1.5444	126.64
1540	80891330400	CODO A 90 GDO. DE 1 1/2"	1	29.00	4.7366	137.36
1541	80891330500	CODO A 90 GDO DE 2"	1	8.00	6.0158	48.13
1542	80892430200	CUPLA NORMAL DE 3/4"	1	4.00	2.0945	8.38
1543	80893850250	TAQPONES SIN BORDE	1	1.00	0.8544	0.85
1544	80894230150	TE. NORMAL DE 1/2'	1	0.00	1.2733	0.00
1545	80894430210	TE.REDUCCION 3/4'X1/2'X3/4'	1	1.00	20.0526	20.05
1546	80894430260	TE. REDUCCION 1X1/2'	1	16.00	3.0753	49.20
1547	80894430530	"T" REDUCCION DE 2X1 1/4X2"	1	15.00	15.4465	231.70
1548	80895230150	CONTRATUERCA COMUN DE 1/2'	1	16.00	1.3803	22.08
1549	80895230250	CONTRATUERCA COMUN DE 1'	1	24.00	0.3246	7.79
1550	80910230160	CAÑO DIA.EXT.15,9mm. 5/8 pulg.	3	79.00	0.4630	36.58
1551	80910230190	CAÑO ACERO DIA.EXT.19mm- 3/4pu	3	87.00	0.5867	51.04
1552	80910230310	CAÑO ACERO DIA.EXT.31,7mm	3	0.00	1.0294	0.00
1553	80912530310	CURVA ACERO D.EXT31,7- 1.1/4"	1	9.00	4.1039	36.94
1554	80913830250	BOQUILL.ROSC.D.EXT.25,4MM=1"	1	20.00	0.2611	5.22
1555	80915230190	ABRAZADERAS 2 PATAS 19MM=3/4"	1	12.00	0.1541	1.85
1556	80950990070		4	25.31	0.0000 +	0.00
1557	80970660250		4	19.00	0.0000 +	0.00
1558	81223420010	MINGITORIO LOZA VITRIFICADA	1	6.00	60.1195	360.72
1559	81274650190		1	4.00	0.0000 +	0.00
1560	81430550600		1	20.00	0.0000 +	0.00
1561	82294570240	PAPEL DE LIJA DE 210 x 260mm.	1	0.00	0.2406	0.00
1562	82294570300	PAPEL DE LIJA DE SILICE Nro.30	1	0.00	0.2468	0.00
1563	82294570360	PAPEL DE LIJA GRANO Nro.36	1	72.00	0.2359	16.98
1564	82300220940		1	6.00	0.0000 +	0.00
1565	82300220970		1	23.00	0.0000 +	0.00
1566	82304427500		1	2.00	0.0000 +	0.00

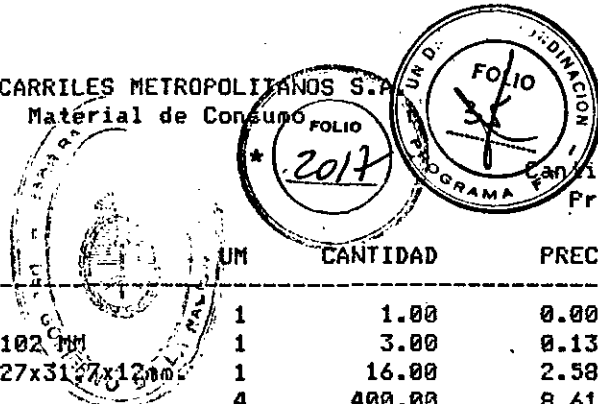
ANEXO

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Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94



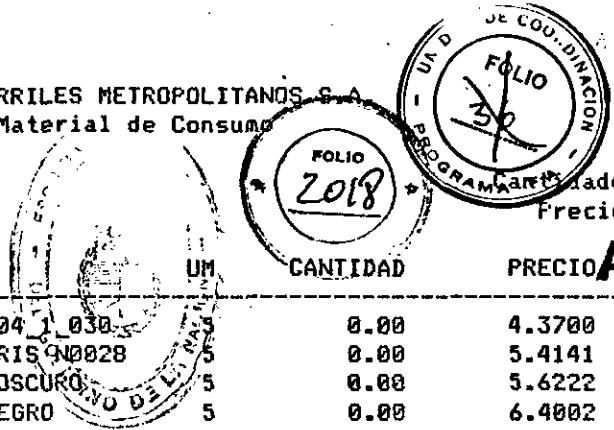
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1567	82304428580		1	1.00	0.0000 +	0.00
1568	82304721760	RUEDA RECTA T/DE 102 MM	1	3.00	0.1391 #	0.42
1569	82308832270	PUNTAS MONTADAS 227x317x12mm	1	16.00	2.5845	41.35
1570	82312720500	DETERGENTE PARKER	4	400.00	8.6100	3444.00
1571	82312740600	DETERGENTE	4	200.00	2.7350	547.00
1572	82450140100	BALDE DE GOMA NEGRO CAPAC.10Ls	1	0.00	4.9323	0.00
1573	82452010050	ESCOBAS DE PAJA DE GUINEA	1	88.00	5.7150	502.92
1574	82452010150	ESCOBA DE PAJA DE 5 HILOS	1	12.00	2.2684	27.22
1575	82453310050	FRANELA AMARILLA DE 250Grs.	1	6.00	1.1897	7.14
1576	82455680100	JAVON DE POTASA EN PASTA	4	705.00	2.0052	1413.67
1577	82456460050	LIMPIADORES P/VIDRIOS LIQUIDO	5	0.00	2.9558	0.00
1578	82456560100	LIMPIADOR P/METALES ENV.500CM3	1	20.00	1.1887	23.77
1579	82456580100	LIMPIA METAL	1	5.00	0.0000 +	0.00
1580	82457910050	PAPEL HIGIENICO-ROLLOS 74MTS.	1	94.00	0.2506	23.56
1581	82470110010	ESTOPA BLANCA P/ LIMPIEZA	4	1030.00	0.9060	933.18
1582	82477410100	TRAPO ALGODON DE 500mm.ANCHO	4	0.00	3.1611	0.00
1583	82505030050	ESCOBILLONES	1	3.00	10.0712	30.21
1584	82505410010	CEPILLO DE MANO RECTANGULAR	1	0.00	3.3494	0.00
1585	82600310200	ACID.CLORHIDRICO(MURIAT)US.IND	4	17.00	1.9769	33.61
1586	82601931000	HIDROXIDO EN POLVO LITIO CRIS.	4	0.00	14.0368	0.00
1587	82601950550	HIDROX.POTASIO 96A98% PUREZA	4	0.00	0.5721	0.00
1588	82601950700	HIDROXIDO DE SODIO USO INDUST.	4	0.00	2.2429	0.00
1589	82761620300	CARETA P/PINTORES S/FILTRO	1	1.00	15.0394	15.04
1590	82761930100		1	1.00	0.0000 +	0.00
1591	82762120800	DELANTAL DE AMIANTO	1	23.00	15.0394	345.91
1592	82762120900	DELANTAL USO SOLDADOR	1	16.00	13.2748	212.40
1593	82762720150	S/D	1	7.00	5.0131	35.09
1594	82763520050	POLAINAS DE CUERO	1	13.00	7.6058	98.88
1595	82763820100	PROTECTOR AUDITIVO	1	1.00	23.1708	23.17
1596	82763820300	PROTECTORES AUDIT. INT.	1	7.00	2.0052	14.04
1597	82766410100	ANTIPARRAS	1	3.00	3.4496	10.35
1598	82767810120	VIDRIO SOLDADOR	1	2.00	1.1329	2.27
1599	82767810130	VIDRIO P/ANTEOJO	1	3.00	1.4037	4.21
1600	82767810150	VIDRIOS P/ANTIPARRAS	1	4.00	3.3649	13.46
1601	82767830890		1	2.00	0.0000 +	0.00
1602	82767830940	CRRISTAL DE SEGURIDAD TONO 14	1	2.00	4.1489	8.30
1603	82820120460		1	7.00	0.0000 +	0.00
1604	82820130770	CORREA 2000 MM	1	9.00	0.1391 #	1.25
1605	82860120100		1	18.00	0.0000 +	0.00
1606	82900121250	MANGA DE CAUCHO-DIAM.INT.25mm.	3	70.00	7.3931	517.52
1607	82901647310		3	25.00	0.0000 +	0.00
1608	82906210680	ABRAZADERA DE ACERA P/MANGA	1	71.00	1.2129	86.12
1609	82906210880	ABRAZADERA DE ACERA P/MANGA	1	12.00	1.2982	15.58
1610	82906220130	ABRAZADERA DE ACERO	1	16.00	14.7708	236.33
1611	82906220510	ABRAZADERA P/MANGA DE FRENO	1	411.00	2.5065	1030.17
1612	82950133900	NEUMATICOS P/CAMIONES-8 TELAS	1	4.00	200.5261	802.10
1613	82950134500	NEUMATICOS 1100x20-14 TELAS	1	3.00	269.8029	809.41
1614	82950150150	CUBIERTAS P/NEUMATICO-10 TELAS	1	2.00	408.2293	816.46
1615	82951031000	CAMARA P/NEUMATICO 825 X 20	1	2.00	80.4313	160.86
1616	82951031350	CAMARA P/CAMIONES 1000 X 20	1	4.00	47.3698	189.48
1617	83140110120	TELA C/MARRON	3	0.00	6.9181	0.00
1618	83140210110	TELA COLOR MARRON RECUB.C/PLAS	3	0.00	6.9181	0.00
1619	83374422330	PINTURA ANTIOXIDO CASTANO	5	0.00	8.2380	0.00
1620	83430111830		5	0.00	26.3384	0.00
1621	83430113090		5	0.00	26.3384	0.00
1622	83430114430		5	0.00	4.4877	0.00
1623	83430115630		5	0.00	4.4877	0.00
1624	83430118030		5	0.00	0.0000 +	0.00

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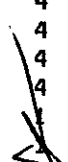
Línea : 21
Almacén: 213021

Valores al: 31/08/94
Precios al: 31/07/94



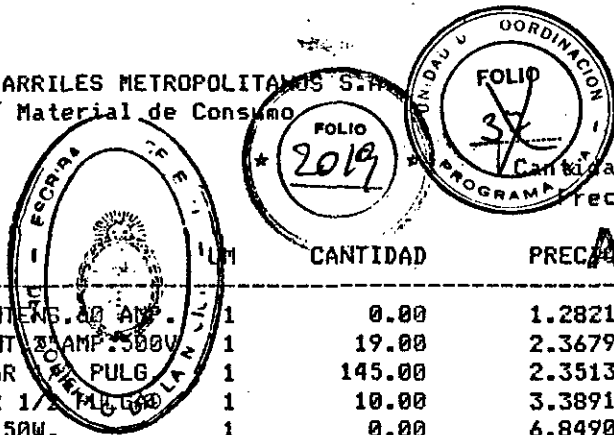
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
1625	83430311500	ESMALTE SINT.CREMA 04 1 030	5	0.00	4.3700	0.00
1626	83430314100	ESMALTE SINTETICO GRIS 90028	5	0.00	5.4141	0.00
1627	83430314250	ESMALTE SINT. GRIS OSCURO	5	0.00	5.6222	0.00
1628	83430315550	ESMALTE SINTETICO NEGRO	5	0.00	6.4002	0.00
1629	83430315600	ESMALTE SINT. ALUMINIO PURO	5	0.00	5.0131	0.00
1630	83430315630		5	0.00	0.0000 +	0.00
1631	83430518040	SINTETICO BLANCO	5	0.00	20.7410	0.00
1632	83505060010	BROCHA DE 65MM TIPO I	1	3.00	8.0210	24.06
1633	83506021000	RODILLO NR 8	1	2.00	2.6140	5.23
1634	83900510180	GAS-OIL	5	50.00	0.1900	9.50
1635	83970310200	ACEITE HIDRAULICO BP 46	5	0.00	1.9151	0.00
1636	83970310250	ACEITE 68	5	0.00	1.4237	0.00
1637	83970511120	ACEITE P/MOTORES EMULSIONABLE	5	0.00	1.6513	0.00
1638	83971011300	1	5	615.00	1.3640	838.86
1639	83971310200	ACEITE YPF NR 267	5	0.00	1.4479	0.00
1640	83971511050	ACEITE NRO. 510	5	410.00	2.0460	838.86
1641	83971511100	ACEITE HIPOIM.518 S.A.E.-140	5	0.00	3.2311	0.00
1642	83971611050		5	0.00	0.0000 +	0.00
1643	83971811050	ACEITE N.80 W 90.-	5	0.00	1.3692	0.00
1644	83973611000	ACEITE SUPERMOVIL 412 SAE 40	5	0.00	1.6460	0.00
1645	83973611050	ACEITE YPF. 408	5	0.00	1.6811	0.00
1646	83973811150	1	5	0.00	1.6313	0.00
1647	83976311140	1	4	0.00	1.9837	0.00
1648	83976611050	1	4	0.00	0.6534	0.00
1649	83976611100	GRASA Y.P.F. 98	4	0.00	0.6534	0.00
1650	84420120020	PRE4CINTOS SELLAR VAGONES 330M	1	200.00	0.1665	33.30
1651	84420120150	PRECINTO SEG.BOLS.RECAUD.190MM	1	3600.00	0.1155	415.80
1652	85010310160	VARILLA 3 MM	4	539.50	0.1391 #	75.04
1653	85020110150	ELECTRODOS TIP.E4310 DIAMT 3MM	4	30.00	3.2064	96.19
1654	85020110200	ELECTRODOS TIP.E4310 DIAMT 4MM	4	140.00	2.7904	390.66
1655	85020110250	ELECTRODOS TIP.E4310 DIAMT 5MM	4	40.00	2.7904	111.62
1656	85020110600	ELECTRODOS	4	0.00	0.0000 +	0.00
1657	85020110650	ELECTRODOS DE 4MM	4	0.00	0.0000 +	0.00
1658	85020120040	ELECTRODOS 4 MM X 5/32"	4	30.00	10.8104	324.31
1659	85020120050	ELECTRODOS	4	20.00	2.7171	54.34
1660	85020120150	ELECTRODO DE 5 MM	4	65.00	0.6208	40.35
1661	85020120160	ELECTRODO P.AZUL 6 MM	4	110.00	3.1482	346.30
1662	85020240130	ELECTRODOS DE 3MM	4	10.00	2.7171	27.17
1663	85020240140	ELECTRODOS TIP.7016 4MMX5/32"	4	10.00	2.7171	27.17
1664	85021040140	ELECTRODOS	4	80.00	110.7999	8863.99
1665	85021520040	ELECTRODO 4 MM HIERRO FUNDIDO	4	4.00	2.7171	10.87
1666	85021520240	ELECTRODO DE 4 mm. DE DIAMETRO	4	23.00	22.0364	524.47
1667	85022411100		4	64.00	0.0000 +	0.00
1668	85023040030	ELECTRODOS	4	5.00	47.9158	239.58
1669	85301310040	ALAMBRE COBRE P/AEREAS 0,85MM	3	0.00	0.7241	0.00
1670	85302620400		3	240.00	0.0000 +	0.00
1671	85302620550	CABLE	3	0.00	4.5143	0.00
1672	85307520600	CABLE COBRE DIAM.0,35MM.NEGRO	3	0.00	0.4700	0.00
1673	85307520800	CABLE COBRE DIAM.0,40MM.NEGRO	3	0.00	0.1571	0.00
1674	85307521200	CABLE COBRE AISLAD/PVCO,0,40MM	3	464.00	0.4374	202.95
1675	85307521400	CABLE FLEX.UNIPOLAR 0.50MM	3	0.00	0.5013	0.00
1676	85307521510	CABLE COB.AIS/PVC UNIP.0,60MM	3	0.00	1.1028	0.00
1677	85308420230	ALAMBRE CU REC.ESM. 0M120 MM	4	6.00	10.6479	63.89
1678	85308420370	ALAM.COBRE ESMALTADO 0,250MM	4	12.50	10.6479	133.10
1679	85308420390	ALAMB.COBRE ESMALTADO 0,280MM	4	30.00	10.6479	319.44
1680	85308420430	ALAMBRE COBRE ESMALT.0,355MM	4	54.00	10.6479	574.99
1681	85310230600		4	0.00	0.0000 +	0.00
1682	85310610050	TAPA P/FUSIBLE 25A	20	20.00	1.8790	37.58

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Emisión: 10/11/94

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Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	ANEXO	MORTE
1683	85310620350	TAPA P/CARTUCHO INTENS. 40 AMP.	1	0.00	1.2821	0.00
1684	85311210250	BASE P/CARTUCHO INTENS. 3 AMP. 500V	1	19.00	2.3679	44.99
1685	85317420950	TERMINAL P/INDENTAR PULG	1	145.00	2.3513	340.94
1686	85317421200	TERMINAL P/INDENTAR 1/2 PULG	1	10.00	3.3891	33.89
1687	85320243800	LAMPARA ELECT. 75V. 50W.	1	0.00	6.8490	0.00
1688	85320260400		1	0.00	0.0000 +	0.00
1689	85320343510	LAMP. DE 220 V X 150 W	1	0.00	0.7719	0.00
1690	85320350170	LAMP/AMP/FOR/PERA 230V 300W	1	10.00	3.5212	35.21
1691	85323550250	LAMP.MERCURIO 220V 250W	1	29.00	8.0844	234.45
1692	85323550400	LAMP/MERCUR AMP/BALON 220V400W.	1	0.00	15.7966	0.00
1693	85324820100	LAMP/TUB.LUZ DE DIA 220V 40W	1	0.00	1.3300	0.00
1694	85326810050	LAMP/P/VEHIC.AUTOMOT.24V 6W	1	10.00	0.3007	3.01
1695	85326850150		1	161.00	0.0000 +	0.00
1696	85328570500	UNIDAD SELLADA 30V 200W	1	0.00	32.8662	0.00
1697	85606040500	AMIANTO EN POLVO	4	10.00	4.7118	47.12
1698	85611910110		4	4.00	0.0000 +	0.00
1699	85615110420		1	0.00	0.0000 +	0.00
1700	85615410100	CINTA AISLANTE ROLLO DE 50MTS.	1	15.00	0.1391 #	2.09
1701	85615410200		1	66.00	0.0000 +	0.00
1702	85615410310	CINTA AISL.20MM.X 0,08MM.50MTa	1	17.00	35.0356	595.61
1703	85615410420	CINTA AISL.DE 25MM.X 0.12MM.	1	70.00	31.9231	2234.62
1704	85750120060	EMPAQUET.GRAFITADA 6,3 MM	4	5.00	14.4330	72.17
1705	86004710150		1	4.00	0.0000 +	0.00
1706	86004710200	LLAVE DE ACERO DE 5 mm.	1	5.00	0.0000 +	0.00
1707	86004710350		1	3.00	0.0000 +	0.00
1708	86004710400		1	10.00	0.0000 +	0.00
1709	86390250180	BROCA HELICOIDAL 1 MM DIAMT	1	2.00	2.0592	4.12
1710	86390250480	BROCA HELICOID. 2.25 MM DIMET.	1	16.00	0.9091	14.55
1711	86390252450	BROCAS	1	5.00	26.7571	133.79
1712	86391156460		1	3.00	0.1391 #	0.42
1713	86391156590		1	1.00	0.0000 +	0.00
1714	86391157850		1	1.00	0.0000 +	0.00
1715	86392216260	MACHA A/RAPIDO	1	9.00	144.7962	1303.17
1716	86430120100	MACHO ROSCADOR JUEGO 3 PIEZAS	1	4.00	24.9391	99.76
1717	86430121240	MACHO ROSC. A MANO GRUESA	1	1.00	15.0427	15.04
1718	86430122080	MACHO ROSCADOR DIAM.3,17MM	1	3.00	5.1034	15.31
1719	86430122100	MACHOS P/ROSCAR DE 3,97mm.	1	1.00	5.2247	5.22
1720	86430420510		1	1.00	0.0000 +	0.00
1721	86500132280		1	0.00	0.0000 +	0.00
1722	86500232280		1	0.00	0.0000 +	0.00
1723	86500372160		1	1.00	0.0000 +	0.00
1724	86500771120		1	3.00	0.0000 +	0.00
1725	86550510580	RODAMIENTO 608 SKF	1	2.00	0.1391 #	0.28
1726	86550511390	ROD.RIGIDOS DE 9 X 26 X 8 MM	1	3.00	7.2988	21.90
1727	86550511630	RODAMIEN 6003	1	2.00	5.6247	11.25
1728	86550513370	ROD.1HIL.BOLAS 85X150X28MM*	1	7.00	66.1528	463.07
1729	86550514130	RODAMIENTO 6203 ZZ	1	0.00	5.0131	0.00
1730	86550514980	RODAMIENTO 6208-ZN-SKF	1	5.00	97.7220	488.61
1731	86550515320	ROD.1HIL.BOLAS 15X42X13 MM.+	1	4.00	2.0078	8.03
1732	86550515340	RODAMIENTO 6304	1	5.00	6.5182	32.59
1733	86550515400	RODAMIENTO 6310 SKF	1	0.00	52.8792	0.00
1734	86550515410	RODAMIENTO 6311	1	1.00	70.0687	70.07
1735	86550515440	ROD.1HIL.BOLAS 70X150X35MM+	1	0.00	106.6761	0.00
1736	86550515480	RODAMIENTO 6318 SKF	1	6.00	59.0127	354.08
1737	86550516380	ROD.1 HIL.BOLAS 40 X 90 X 23MM	1	0.00	15.3803	0.00
1738	86550516420	RODAMIENTO 6312 Z	1	0.00	49.8637	0.00
1739	86550516710	RODAMIENTO	1	0.00	43.5972	0.00
1740	86550517540	ROD.1HIL.BOLAS 50 X 110X 27MM	1	4.00	0.1391 #	0.56

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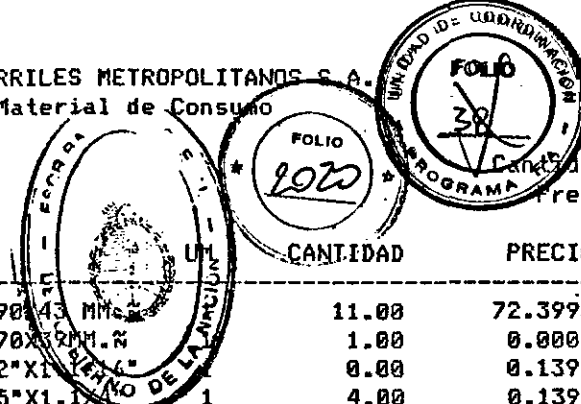
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

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Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UNID.	CANTIDAD	PRECIO	IMPORTE
1741	86550517900	ROD.1HIL.BOLAS 90X190,43 MM.		11.00	72.3993	796.39
1742	86550517950	ROD.1HIL.BOLAS 80X170X9MM.		1.00	0.0000 +	0.00
1743	86550521360	ROD.RAD.RIG.2"X4.1/2"X1.1/2"		0.00	0.1391 #	0.00
1744	86550521380	ROD.RAD.RIG.2.1/4"X5"X1.1/2"		4.00	0.1391 #	0.56
1745	86550523080	ROD.1HIL.2.3/4X4.1/8X11/16"		15.00	140.2003	2103.00
1746	86551010200	ROD.2 HIL.BOL.10 X 30 X 9MM		6.00	9.0191	54.11
1747	86551014530	ROD.2HIL.BOLAS 17X47X19MM+		2.00	0.1391 #	0.28
1748	86551311210	ROD.1HIL.BOLAS 55X120X29 MM.+		1	0.1391 #	0.97
1749	86551510130	RODAMIEN 3203 SKF		1.00	15.1500	15.15
1750	86551510280	ROD.2HIL.BOLAS 90X160X52,4MM.+		1	0.1391 #	0.28
1751	86552213140	RODAMIENTO NU 314		1	0.00	153.5486
1752	86552214250	RODAMIENTO RADIAL		12.00	0.0000 +	0.00
1753	86552214500	RODAMIENTO EQ. SKF NU326EMC4		12.00	679.7835	8157.40
1754	86552215800	ROD.CIL.1HIL.75X115X20MM		2.00	12.2211	24.44
1755	86552220060	ROD.1 HIL.CIL.1.1/8X2.13/16X13		1	0.00	0.7335
1756	86552310900	ROD.1HIL.ROD.CIL.30X62X16MM+		1	16.6161	16.62
1757	86552513150	ROD.1HIL.ROD.CIL.75X160X37MM.		2.00	52.3657	104.73
1758	86552521090	R.1H.ROD.C.1.1/8X2.13/16X13/16		10.00	59.1652	591.65
1759	86553015300	RODAMIENTO EQ. SKF22324 CW33C3		6.00	970.5464	5823.28
1760	86553015730	2H.ROD.ESF.A ROT.130X280X93MM.		5.00	483.0584	2415.29
1761	86553411100	RODAMIENTO EQ. SKF 32210		1.00	8.8362	8.84
1762	86553412050	RODAMIEN 25X62X17MM		1	0.00	17.8252
1763	86554011360	ROD.AXIA S/EFECTO 180X225X34MM		1.00	305.7646	305.76
1764	86557330100	RODAMIENTO DE 5 X 9		4.00	0.0000 +	0.00
1765	86557360100	MANGUITO A RODAMIENTO		10.00	0.0000 +	0.00
1766	87370530220			2.00	0.0000 +	0.00
1767	87370530230			9.00	0.0000 +	0.00
1768	87709011520	PINZA PORTAELECTRODO		13.00	31.1384	404.80
1769	87759220140			30.00	0.0000 +	0.00
1770	87759821430	TUBO DE VIDRIO DIAM.14,3 mm		40.00	1.6400	65.60
1771	87759822220			3	1.82	0.0000 +
1772	88889019870			1	11.00	0.0000 +
1773	88920513940			1	2.00	0.0000 +
1774	88948825010			1	10.00	0.0000 +
1775	89000210300			4	11.00	0.0000 +
1776	89000760280			4	5.50	0.0000 +
1777	89000760500			4	6.00	0.0000 +
1778	89000760600			4	124.00	0.0000 +
1779	89000760760			4	17.00	0.0000 +
1780	89010510050	ANTIMONIO		4	345.00	10.2976
1781	89020720450	BRONCE		4	89.00	22.1242
1782	89020720500			4	8.00	0.0000 +
1783	89020721150			4	7.50	0.0000 +
1784	89020721200			4	6.00	0.0000 +
1785	89020721350	BRONCE FOSFOROSO		1	18.00	0.0000 +
1786	89020721400			4	12.50	0.0000 +
1787	89020721550			4	11.00	0.0000 +
1788	89020723170			4	5.00	0.0000 +
1789	89020723410			4	6.50	0.0000 +
1790	89042375050			4	0.00	0.0000 +
1791	89051010100	1		4	9.00	41.2637
1792	89068623200	LATON EN BARRA DEIAM.13mm1/2"L		4	9.90	5.0331
1793	89101525050	PLOMO PURO EN LINGOTE		4	1260.00	4.9786
1794	89110310850	ARANDELAS PLANAS		4	25.00	3.6452
1795	89110310900	ARAND.INT.42MM.EXT.75MM.ESP.5M		4	10.00	4.8397
1796	89112731830	ARANDELA DE PRESION 24 MM.		4	1.50	4.1188
1797	89112732050	ARANDELA GROVER		4	2.00	4.1188
1798	89114920150	ARANDELA SEEGER		1	0.00	0.1195

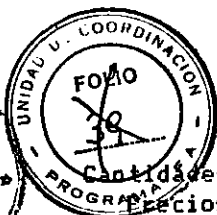
ANEXO

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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 32

Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	IMPORTE
1799	89123331980	BULON CABEZA PERDIDA 15,3X50	4	10.00	15.3245		153.25
1800	89128532320	BULONES CAB.EXAG.LONG.155mm	4	5.00	4.3113		21.56
1801	89128532660	BULONES CAB.EXAG.LONG.25mm	4	30.00	3.0079		90.24
1802	89128532680	BULON	4	20.00	2.6463		52.93
1803	89128532700	BULONES CAB.EXAG.LONG.38mm.	4	30.00	3.9129		117.39
1804	89128533620	BULONES CAB.EXAG.LONG.76mm.	4	20.00	4.0777		81.55
1805	89128535390	BULONES CAB EXAG.LONG.63mm.	4	91.00	4.6645		424.47
1806	89155531950	CHAVETAS	1	0.00	0.0171		0.00
1807	89155532300	1	1	170.00	0.0501		8.52
1808	89155535850	FASADORES DE ALETA TIPO F	1	96.00	1.4439		138.61
1809	89159933350		1	120.00	0.0000 +		0.00
1810	89161719500	ROBLON PULG.5/8 LONG.125mm.	4	100.00	0.1391 #		13.91
1811	89210513550		1	240.00	0.0000 +		0.00
1812	89220112720	TORNILLOS P/METAL 19mm.	1	387.00	0.0204		7.89
1813	89220112750	TORNILLOS ROSCA W LONG.25mm.	1	454.00	0.1504		68.28
1814	89220112810	TORN.HIERRO CAB.RED.1/4X3/4"	1	0.00	0.1391 #		0.00
1815	89220112870	TORNILLOS P/METAL CAB.RED.50mm	1	830.00	0.0301		24.98
1816	89220113190	TORNILLOS FERREOS P/METAL 32mm	1	100.00	0.1026		10.26
1817	89220312660	TORNILLO DIA.6,35X13 LONG. mm.	1	360.00	0.2056		74.02
1818	89220312780	TORNILLOS	1	0.00	0.1026		0.00
1819	89220312840	TORNILLOS	1	750.00	0.1190		89.25
1820	89220313190	TORNILLO 16 MM	1	3800.00	0.1391 #		528.58
1821	89220313250	TORNILLOS	1	730.00	0.1541		112.49
1822	89220313720	TORNILLOS FERREDS	1	600.00	0.1203		72.18
1823	89220313810	TORNILLOS	1	800.00	0.3524		281.92
1824	89230313250	TORNILLOS C/P 7,94 X 25 MM.	1	120.00	0.2571		30.85
1825	89320810800	HILO DE COLOR CASTANO	3	0.00	0.1391 #		0.00
1826	89340121200	LIMA PLANA 250mm.LARGO	1	1.00	34.0322		34.03
1827	89340341200	LIMA CUADRADA C/FINO 250 MM.L.	1	10.00	16.6931		166.93
1828	90000140000	ESCOBILLA MOTOR CALEF. CAB.	1	6.00	2.8253		16.95
1829	90000270000	PLACA	1	4.00	0.1391 #		0.56
1830	90000280000		1	4.00	0.0000 +		0.00
1831	90000290000	PLACA	1	4.00	0.1391 #		0.56
1832	90000340000	EXPANSOR	1	2.00	0.1391 #		0.28
1833	90000690000		1	6.00	0.0000 +		0.00
1834	90001860000		1	4.00	0.0000 +		0.00
1835	90001900000		1	5.00	0.0000 +		0.00
1836	90001910000		1	9.00	0.0000 +		0.00
1837	90001940000		1	80.00	0.0000 +		0.00
1838	90002080000	TORNILLO CABEZA HEXAG.	1	79.00	0.1391 #		10.99
1839	90002100000		1	35.00	0.1391 #		4.87
1840	90002130000	TUERCA HEXAG. 1/2"	1	800.00	0.1391 #		111.28
1841	90002140000		1	102.00	0.0000 +		0.00
1842	90002170000	CONTRATUERCA DEL TORNILLO REGU	1	350.00	0.1391 #		48.69
1843	90002370000		1	90.00	0.1391 #		12.52
1844	90002390000		1	24.00	0.0000 +		0.00
1845	90002430000		1	16.00	0.0000 +		0.00
1846	90002440000		1	1.00	0.0000 +		0.00
1847	90002650000		1	46.00	0.0000 +		0.00
1848	90002690000		1	58.00	0.0000 +		0.00
1849	90002720000	JUNTA	1	20.00	0.1391 #		2.78
1850	90002730000		1	81.00	0.0000 +		0.00
1851	90002910000		1	20.00	0.0000 +		0.00
1852	90003270000	JUNTA P/CODO	1	18.00	0.1391 #		2.50
1853	90003500000		1	15.00	0.0000 +		0.00
1854	90003510000		1	7.00	0.0000 +		0.00
1855	90003570000		1	16.00	0.0000 +		0.00
1856	90003580000		1	16.00	0.0000 +		0.00

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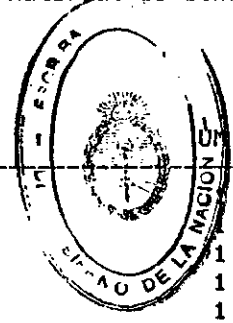
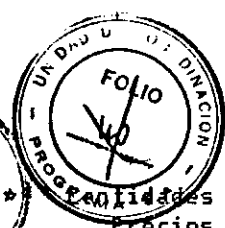
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 33

Línea : 21
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Valores al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	ANEXO	IMPORTE
1857	90004360000		1.00	0.0000 +		0.00
1858	90004410000	ESCOBILLA	1.00	12.5000		12.50
1859	90004450000	RESORTE	20.00	0.1391 #		2.78
1860	90004500000		1.00	0.0000 +		0.00
1861	90004510000		1.00	0.0000 +		0.00
1862	90004650000		9.00	0.0000 +		0.00
1863	90004740000	RESORTE	20.00	0.1391 #		2.78
1864	90004840000	TUERCA	120.00	0.1391 #		16.69
1865	90004870000	RESORTE/VAL.	9.00	0.1391 #		1.25
1866	90005240000	RODAMIENTO AXIAL	25.00	11.0289		275.72
1867	90005300000	TORNILLO	20.00	0.1391 #		2.78
1868	90005310000	TORNILLO	2.00	0.1391 #		0.28
1869	90005340000		3.00	0.0000 +		0.00
1870	90005360000		1.00	0.0000 +		0.00
1871	90005370000		7.00	0.0000 +		0.00
1872	90005400000		2.00	0.0000 +		0.00
1873	90005410000		25.00	0.0000 +		0.00
1874	90005430000	ARANDELA DE SELLO	100.00	0.1391 #		13.91
1875	90005590000		40.00	0.0000 +		0.00
1876	90005620000		7.00	0.0000 +		0.00
1877	90005710000	BUJE RADIAL DE 3/8"	55.00	0.1391 #		7.65
1878	90005750000		10.00	0.0000 +		0.00
1879	90005860000	MANGA C/TUERCA DE ACOPLE	1.00	21.6944		21.69
1880	90006340000		8.00	0.0000 +		0.00
1881	90006500000		55.00	0.0000 +		0.00
1882	90006610000		496.00	0.0000 +		0.00
1883	90007000000	TORNILLO	15.00	0.0000 +		0.00
1884	90007020000	TORNILLLO	10.00	0.0000 +		0.00
1885	90007070000		133.00	0.0000 +		0.00
1886	90007290000		30.00	0.0000 +		0.00
1887	90007530000		1.00	0.0000 +		0.00
1888	90007650000		116.00	0.0000 +		0.00
1889	90007660000		60.00	0.0000 +		0.00
1890	90007740000	BRAZO DE CONTACTO	38.00	0.1391 #		5.29
1891	90008050000		1.00	0.0000 +		0.00
1892	90008070000		1.00	0.0000 +		0.00
1893	90008080000		54.00	0.0000 +		0.00
1894	90008090000		90.00	0.0000 +		0.00
1895	90008770000	TORNILLO	128.00	0.1391 #		17.80
1896	90008890000		8.00	0.0000 +		0.00
1897	90009570000		48.00	0.1391 #		6.68
1898	90009710000	ESPARRAGOS DE 12,7MM	13.00	2.0052		26.07
1899	90009930000	JUNTA	4.00	0.1391 #		0.56
1900	90010990000		1.00	0.0000 +		0.00
1901	90011020000		4.00	0.0000 +		0.00
1902	90011030000		5.00	0.0000 +		0.00
1903	90011060000	TUERCA EXAGONAL	45.00	0.1391 #		6.26
1904	90011340000	CONTACTO AUXILIAR	1.00	0.0000 +		0.00
1905	90011350000	CONTACTO	1.00	0.0000 +		0.00
1906	90011430000		0.00	0.0000 +		0.00
1907	90011440000	CONTACTOS	3.00	4496.8426		13490.53
1908	90011490000		4.00	0.0000 +		0.00
1909	90011620000		4.00	0.0000 +		0.00
1910	90011830000	TORNILLO 5/8"X1.1/2	48.00	0.1391 #		6.68
1911	90011950000		30.00	0.0000 +		0.00
1912	90011960000		28.00	5.6374		157.85
1913	90012240000		28.00	0.0000 +		0.00
1914	90012520000		25.00	0.0000 +		0.00

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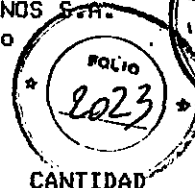
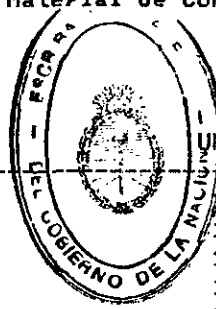
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 34

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Garantías al: 31/08/94
Precios al: 31/07/94

ANEXO
IMPORTE

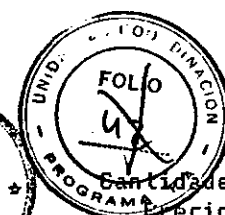
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1915	90012540000	GATILLO DE MANIJA	8.00	0.1391 #	1.11
1916	90012550000		6.00	0.0000 +	0.00
1917	90012650000	ARO	4.00	0.5466	2.19
1918	90012730000	ARANDELA	5.00	0.5013	2.51
1919	90016820000		5.00	0.0000 +	0.00
1920	90017690000	DEDO CONTACTO	73.00	0.1391 #	10.15
1921	90017700000	BOBINA OPERACION	6.00	0.0000 +	0.00
1922	90018060000	RESORTE	1.00	0.1391 #	0.14
1923	90018180000		7.00	0.0000 +	0.00
1924	90018190000	RESORTE	9.00	0.1391 #	1.25
1925	90018250000		6.00	0.0000 +	0.00
1926	90018720000		2.00	0.0000 +	0.00
1927	90019360000	1	6.00	1.3901	8.34
1928	90019460000		2.00	0.0000 +	0.00
1929	90019670000		1.00	0.0000 +	0.00
1930	90019890000	JUNTAS	33.00	4.6436	153.24
1931	90019990000	CAPACITOR 500M.F.D.	8.00	0.1391 #	1.11
1932	90020090000	CONTACTO	13.00	12.0316	156.41
1933	90020140000	PORTA ESCOBILLAS	3.00	0.1391 #	0.42
1934	90021000000		7.00	0.0000 +	0.00
1935	90021030000		4.00	0.0000 +	0.00
1936	90021420000	CONTACTO MOVIL	6.00	151.6009	909.61
1937	90022330000		5.00	0.0000 +	0.00
1938	90022550000		20.00	0.0000 +	0.00
1939	90022560000		9.00	0.0000 +	0.00
1940	90022570000		50.00	0.0000 +	0.00
1941	90022710000	TAPA P/ACCESO	50.00	18.0473	902.37
1942	90022730000	MECHA ARTICULACION SOLAMENTE	10.00	5.0131	50.13
1943	90022990000	PUNTA CONTACTO MOVIL	1.00	6.2459	6.25
1944	90023530000		7.00	0.0000 +	0.00
1945	90023540000		40.00	0.0000 +	0.00
1946	90023550000		960.00	5.3563	5142.05
1947	90023740000		12.00	0.0000 +	0.00
1948	90023900000	VALVULA DE ALIVIO	9.00	317.1857	2854.67
1949	90023910000		8.00	0.0000 +	0.00
1950	90023950000		2.00	0.0000 +	0.00
1951	90024080000		2.00	0.0000 +	0.00
1952	90024100000		3.00	0.0000 +	0.00
1953	90024220000	TUERCA EXA.	84.00	0.1391 #	11.68
1954	90024250000		24.00	0.0000 +	0.00
1955	90024270000		13.00	0.0000 +	0.00
1956	90024280000		1.00	0.0000 +	0.00
1957	90024290000		1.00	0.0000 +	0.00
1958	90024320000		300.00	0.0000 +	0.00
1959	90024330000	BUJE	426.00	6.4664	2754.69
1960	90024620000	JUNTA	7.00	0.1391 #	0.97
1961	90024650000	BUJE	7.00	0.1391 #	0.97
1962	90024670000		8.00	0.0000 +	0.00
1963	90024740000		2.00	0.0000 +	0.00
1964	90024780000	PERNO C/PASADOR DE ALETA	30.00	2.6589	79.77
1965	90024820000		1.00	0.0000 +	0.00
1966	90024840000	RESORTE	20.00	0.1391 #	2.78
1967	90024860000	TUERCA	4.00	0.1391 #	0.56
1968	90024870000	VALVULA	3.00	0.1391 #	0.42
1969	90024890000	FILTRO	8.00	0.1391 #	1.11
1970	90024900000		3.00	0.0000 +	0.00
1971	90024910000	ANILLO SILENCIADOR	51.00	4.1188	210.06
1972	90025140000	RESORTE	20.00	0.1391 #	2.78

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Emisión: 10/11/94

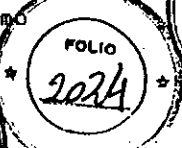
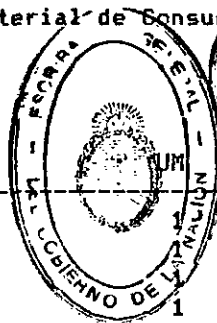
FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 35

Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
1973	90025180000	MECHA	3.00	0.1391 #	0.42	
1974	90025190000	EMBOLO	10.00	0.1391 #	1.39	
1975	90025210000	SELLO	7.00	1.9491	13.64	
1976	90025220000	CONJ.VALVULA	5.00	0.1391 #	0.70	
1977	90025250000	RETEN	5.00	0.1391 #	0.70	
1978	90025380000	JUNTA	8.00	0.5013	4.01	
1979	90025420000		1.00	0.0000 +	0.00	
1980	90025500000		1.00	0.0000 +	0.00	
1981	90025510000		1.00	18.00	0.0000 +	0.00
1982	90025530000	JUNTA DE CILINDRO	1.00	23.8515	23.85	
1983	90025590000		1.00	0.0000 +	0.00	
1984	90025600000		1.00	0.0000 +	0.00	
1985	90025610000	VALVULA INTERIOR	32.00	20.9397	670.07	
1986	90025620000	RESORTE	1.00	9.5032	9.50	
1987	90025630000	RESORTE	13.00	18.8892	245.56	
1988	90025640000	TAPON VALVULA ADMISION	1.00	36.0947	36.09	
1989	90025660000	JUNTA	1.00	0.0000 +	0.00	
1990	90025680000	TAPA	22.00	0.0000 +	0.00	
1991	90025700000	JUNTA	1.00	0.0000 +	0.00	
1992	90025710000	JUNTA	1.00	26.3172	26.32	
1993	90025760000		1.00	0.0000 +	0.00	
1994	90025770000		1.00	4.00	0.0000 +	0.00
1995	90025780000		1.00	0.00	0.0000 +	0.00
1996	90025820000	JUNTA CANO INTERCAMBIADOR	1.00	29.926	29.93	
1997	90025960000	ARO	3.00	0.1391 #	0.42	
1998	90025970000	ARO	4.00	0.1391 #	0.56	
1999	90026020000	ASIENTO VALVULA	6.00	84.7564	508.54	
2000	90026030000	ASIENTO VALVULA	1.00	30.0789	30.79	
2001	90026040000		1.00	0.0000 +	0.00	
2002	90026070000	ZAPATAS	9.00	0.8837	7.95	
2003	90026080000	ANILLO DE EMPAQUETADURA	14.00	20.5952	288.33	
2004	90026110000		1.00	6.00	0.0000 +	0.00
2005	90026120000		1.00	4.00	0.0000 +	0.00
2006	90026170000	RESORTE	1.00	4.00	2.5065	10.03
2007	90026210000		1.00	28.00	0.0000 +	0.00
2008	90026220000	T DE 6,35 MM.	46.00	12.4360	572.06	
2009	90026240000	BUJE	4.00	0.1391 #	0.56	
2010	90026270000	CONEXION	6.00	5.8089	34.85	
2011	90026280000		1.00	8.00	0.0000 +	0.00
2012	90026360000	JUNTA	2.00	8.5468	17.09	
2013	90026490000	JUNTA	4.00	0.1391 #	0.56	
2014	90026500000		1.00	3.00	0.0000 +	0.00
2015	90026510000	EMBOLO	4.00	0.1391 #	0.56	
2016	90026520000	COLLAR	7.00	0.1391 #	0.97	
2017	90026530000	PERNO	6.00	0.1391 #	0.83	
2018	90026550000		1.00	5.00	0.0000 +	0.00
2019	90026560000		1.00	5.00	0.0000 +	0.00
2020	90026570000	PERNO	3.00	0.1979	0.59	
2021	90026590000	PERNO	14.00	0.1391 #	1.95	
2022	90026600000	TRINQUETE	16.00	0.1391 #	2.23	
2023	90026640000	CONTRA TUERCA	6.00	0.1391 #	0.83	
2024	90026800000	DIAFRAGMA	13.00	0.1391 #	1.81	
2025	90026940000	JUNTA	16.00	0.1391 #	2.23	
2026	90026960000	ANILLO "0" 7/8	1.00	0.1232	0.12	
2027	90027100000	ANILLO "0" DE 1/4"	27.00	0.1130	3.05	
2028	90027120000	ARO "0"	5.00	0.7319	3.66	
2029	90027130000	ARO	6.00	2.2531	13.52	
2030	90027150000	ANILLO "0" 13/16	5.00	0.2468	1.23	

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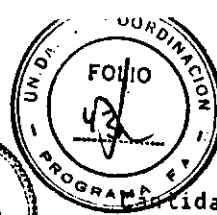
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 36

Línea : 21
Almacén: 213021

Actividades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2031	90027160000	FILTRO	1	5.00	2.1224	10.61
2032	90027170000	SELLO DE ALAMBRE	1	3.00	0.1391 #	0.42
2033	90027210000	PISTON	1	3.00	0.1391 #	0.42
2034	90027230000	ASIENTO DE ALIMENTACION	1	11.00	0.1391 #	1.53
2035	90027240000	VALVULA DE ABASTECIMIENTO	1	1.00	6.0158	6.02
2036	90027250000	PERNO DE VALVULA	1	1.00	3.0890	3.09
2037	90027290000	JUNTA DE LA TAPA VALV.D.24.B	1	3.00	3.0890	9.27
2038	90027320000	DIAFRAGMA	1	5.00	0.1391 #	0.70
2039	90027360000	DIAFRAGMA SUP.VALLVULA DISPARA	1	4.00	2.8830	11.53
2040	90027370000		1	7.00	0.0000 +	0.00
2041	90027450000	ANILLO "O" 1 1/8	1	1.00	3.0890	3.09
2042	90027470000	EMBOLO	1	3.00	0.1391 #	0.42
2043	90027480000	DIAFRAGMA	1	8.00	0.1391 #	1.11
2044	90027490000		1	3.00	0.0000 +	0.00
2045	90027510000	VALVULA	1	6.00	17.0447	102.27
2046	90027520000	VALVULA	1	5.00	17.0447	85.22
2047	90027540000	JUNTA	1	25.00	0.3007	7.52
2048	90027550000	JUNTA	1	13.00	0.3007	3.91
2049	90027560000	FILTRO	1	13.00	0.1391 #	1.81
2050	90027580000	RESORTE	1	7.00	0.1391 #	0.97
2051	90027600000	ANILLO "O" DE 9/16"	1	9.00	0.2056	1.85
2052	90027620000	JUNTAS	1	1.00	0.0000 +	0.00
2053	90027650000		1	2.00	0.0000 +	0.00
2054	90027720000	RESORTE	1	10.00	0.1391 #	1.39
2055	90027740000	VALVULA	1	5.00	32.8459	164.23
2056	90027750000	ARO	1	15.00	0.1391 #	2.09
2057	90027760000	ARO	1	12.00	0.1391 #	1.67
2058	90027890000	VALVULA	1	5.00	653.8448	3269.22
2059	90027910000	BUJE PISTON	1	2.00	0.1391 #	0.28
2060	90027980000	VALVULA	1	9.00	0.1391 #	1.25
2061	90028010000		1	4.00	0.0000 +	0.00
2062	90028120000		1	6.00	0.0000 +	0.00
2063	90028170000	ANILLO "O" DE 3/8"	1	1.00	0.1130	0.11
2064	90028180000	ANILLO DE GOMA	1	23.00	0.6016	13.64
2065	90028300000	RODILLO	1	9.00	0.1391 #	1.25
2066	90028310000	PERNO	1	2.00	0.1391 #	0.28
2067	90028320000	GATILLO	1	9.00	0.1391 #	1.25
2068	90028350000	ARO "O" VALVULA RETENCION	1	13.00	0.5314	6.91
2069	90028570000	VALVULA	1	7.00	126.9279	888.50
2070	90028600000	TUERCA	1	6.00	0.1391 #	0.83
2071	90028620000	TUERCA RETEN	1	11.00	0.1026	1.13
2072	90028650000	TUERCA RETEN	1	10.00	0.6176	6.18
2073	90028660000	VALVULA REGULADORA	1	1.00	0.8235	0.82
2074	90028680000	ARO	1	14.00	0.1391 #	1.95
2075	90028760000	ANILLO	1	31.00	0.1391 #	4.31
2076	90028770000	ASIENTO	1	6.00	36.3232	217.94
2077	90028780000		1	3.00	0.0000 +	0.00
2078	90028790000	EMBOLO	1	4.00	27.0143	108.06
2079	90028800000	RESORTE	1	25.00	0.1391 #	3.48
2080	90028810000	GUIA1	1	5.00	0.1391 #	0.70
2081	90028830000	GATILLO	1	2.00	69.7735	139.55
2082	90028930000	ARBOL F/LEVA	1	3.00	0.1391 #	0.42
2083	90028940000	HORQUILLA	1	4.00	0.1391 #	0.56
2084	90028950000	PROTECTOR	1	6.00	10.0262	60.16
2085	90029000000		1	10.00	0.0000 +	0.00
2086	90029010000		1	20.00	0.0000 +	0.00
2087	90029040000		1	1.00	0.0000 +	0.00
2088	90029060000		1	1.00	65.1593	65.16

ANEXO

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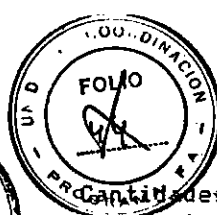
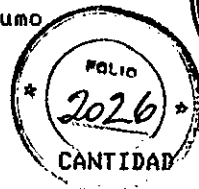
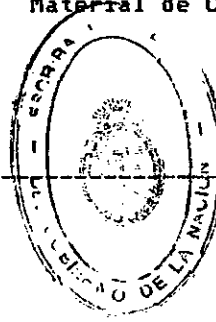
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
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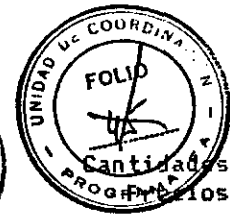


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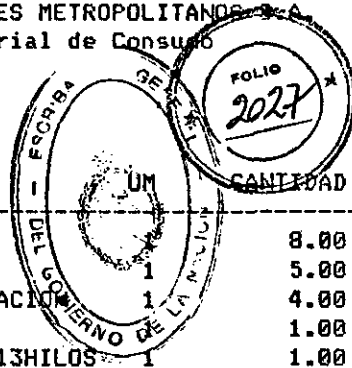
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2089	90029100000	EMBOLO	1	5.00	0.1391 #	0.70
2090	90029130000	ASIENTO	1	3.00	16.5527	49.66
2091	90029170000	TORNILLO	1	4.00	0.1391 #	0.56
2092	90029190000		1	20.00	0.0000 +	0.00
2093	90029230000	UNIDAD	1	6.00	0.1391 #	0.83
2094	90029240000		1	5.00	0.0000 +	0.00
2095	90029290000		1	10.00	0.0000 +	0.00
2096	90029370000	VALVULA	1	3.00	0.1391 #	0.42
2097	90029390000	FILTRO	1	5.00	0.1391 #	0.70
2098	90029580000	VALVULA SEGURIDAD	1	2.00	605.4119	1210.82
2099	90029590000	VASTAGO	1	5.00	43.5081	217.94
2100	90029600000	RESORTE	1	8.00	3.5994	28.80
2101	90029610000	TUERCA	1	7.00	0.1391 #	0.97
2102	90029630000	CUERPO /VALV.	1	4.00	0.0000 +	0.00
2103	90029640000		1	6.00	0.0000 +	0.00
2104	90029670000		1	4.00	0.0000 +	0.00
2105	90029780000		1	1.00	0.0000 +	0.00
2106	90029800000	SUPLEMENTO	1	4.00	0.1391 #	0.56
2107	90029810000		1	8.00	0.0000 +	0.00
2108	90029850000	RESORTE	1	12.00	0.1391 #	1.67
2109	90029860000	UNIDAD	1	6.00	0.1391 #	0.83
2110	90029870000		1	50.00	0.0000 +	0.00
2111	90029890000	RESORTE VALVULA REGULADORA	1	5.00	1.2354	6.18
2112	90029960000	DIAFRAGMA CHICO	1	0.00	38.6128	0.00
2113	90029970000	DIAFRAGMA GRANDE	1	0.00	43.4395	0.00
2114	90029980000	SELLO	1	4.00	0.1391 #	0.56
2115	90030010000	VASTAGO /VALV.	1	4.00	0.1391 #	0.56
2116	90030020000		1	4.00	0.0000 +	0.00
2117	90030050000		1	5.00	0.1391 #	0.70
2118	90030080000		1	9.00	0.0000 +	0.00
2119	90030110000	EMBOLO	1	9.00	0.1391 #	1.25
2120	90030120000		1	3.00	0.0000 +	0.00
2121	90030150000	ASIENTO VALVULA	1	6.00	0.1391 #	0.83
2122	90030160000	VALVULA PROTECCION	1	3.00	0.1391 #	0.42
2123	90030170000		1	3.00	0.0000 +	0.00
2124	90030340000		1	60.00	0.0000 +	0.00
2125	90030360000	MANIJA DE AJUSTE	1	9.00	18.5345	166.81
2126	90030430000	VALVULA	1	6.00	0.1391 #	0.83
2127	90030480000	PISTON BAJA PRESION STD	1	4.00	160.6900	642.76
2128	90030670000	JUNTA ALOJAMIENTO COJINETE	1	5.00	20.2053	101.03
2129	90030680000	DISCO DE VALVULA	1	12.00	2.9343	35.21
2130	90030690000	RESORTE PARA VALVULA	1	24.00	1.2031	28.87
2131	90030720000		1	7.00	0.0000 +	0.00
2132	90030750000		1	14.00	0.0000 +	0.00
2133	90030800000	PISTON BAJA PRESION 0,020	1	12.00	160.6900	1928.28
2134	90030950000		1	3.00	0.0000 +	0.00
2135	90030990000		1	11.00	0.0000 +	0.00
2136	90031330000		1	1.00	0.0000 +	0.00
2137	90031420000	RESORTE	1	4.00	0.1391 #	0.56
2138	90031430000	VALVULA	1	5.00	18.2520	91.26
2139	90031450000	ASIENTO RESORTE	1	4.00	0.1391 #	0.56
2140	90031460000		1	3.00	0.0000 +	0.00
2141	90031660000	PERNO	1	1.00	12.1143	12.11
2142	90031760000	CONJ. VALVULA ADMISION	1	5.00	140.7757	703.88
2143	90031770000	RESORTE VALVULA ESCAPE	1	7.00	1.0294	7.21
2144	90031780000		1	2.00	0.0000 +	0.00
2145	90031810000	RESORTE	1	5.00	0.1391 #	0.70
2146	90031820000		1	2.00	0.0000 +	0.00

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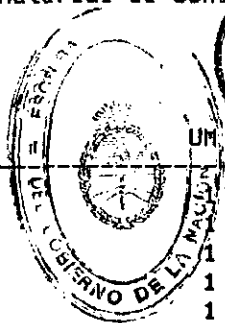
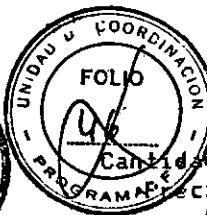


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2147	90032100000			8.00	0.0000 +		0.00
2148	90032220000	JUNTA	1	5.00	0.1391 #		0.70
2149	90032290000	RESORTE VALVULA ALIMENTACION	1	4.00	3.8604		15.44
2150	90032300000	ESCOBILLAS DE CARBON		1.00	4.0105		4.01
2151	90032370000	TORN.ACE.DE 1/2*X1 1/2*13HILOS	1	1.00	4.4479		4.45
2152	90032990000		1	6.00	0.0000 +		0.00
2153	90033010000		1	4.00	0.0000 +		0.00
2154	90033030000		1	100.00	0.0000 +		0.00
2155	90033450000	TORNILLO	1	28.00	3.4089		95.45
2156	90033480000		1	15.00	0.0000 +		0.00
2157	90033580000	PERNO PARA ESLABON	1	71.00	3.7695		267.63
2158	90033710000		1	80.00	0.0000 +		0.00
2159	90033720000		1	74.00	0.0000 +		0.00
2160	90033740000		1	47.00	0.0000 +		0.00
2161	90034180000		1	30.00	0.0000 +		0.00
2162	90034310000	TORNILLO	1	90.00	0.1391 #		12.52
2163	90034370000		1	35.00	0.0000 +		0.00
2164	90034540000		1	30.00	0.0000 +		0.00
2165	90034560000	ESCOBILLA	1	1.00	20.0526		20.05
2166	90034690000		1	3.00	0.0000 +		0.00
2167	90034740000	PORTA ESCOBILLAS	1	74.00	24.3689		1803.30
2168	90034850000		1	15.00	0.0000 +		0.00
2169	90035160000		1	18.00	0.0000 +		0.00
2170	90035360000		1	41.00	0.0000 +		0.00
2171	90035440000		1	1.00	0.0000 +		0.00
2172	90035530000		1	6.00	0.0000 +		0.00
2173	90035540000		1	5.00	0.0000 +		0.00
2174	90035590000	JUNTA	1	5.00	0.1391 #		0.70
2175	90035690000	RESORTE	1	20.00	6.4710		129.42
2176	90035860000		1	17.00	0.0000 +		0.00
2177	90036020000	JUNTA E/VALVULA Y SOPORTE	1	7.00	2.2652		15.86
2178	90036120000	JUNTA	1	5.00	0.1391 #		0.70
2179	90036170000	VALV./CORREDERA	1	5.00	0.1391 #		0.70
2180	90036180000		1	11.00	0.0000 +		0.00
2181	90036190000	ESCOBILLA	1	1.00	5.7149		5.71
2182	90036250000		1	3.00	0.0000 +		0.00
2183	90036260000		1	8.00	0.0000 +		0.00
2184	90036270000	JUNTA	1	6.00	2.2058		13.23
2185	90036310000		1	3.00	0.0000 +		0.00
2186	90036360000		1	12.00	0.0000 +		0.00
2187	90036390000	ARO P.PISTON 1ra.REP.	1	3.00	0.1391 #		0.42
2188	90036430000	JUNTA	1	4.00	0.6016		2.41
2189	90036480000	ARO P.PISTON 1ra.REP.	1	9.00	0.1391 #		1.25
2190	90036520000	ARO	1	6.00	0.1391 #		0.83
2191	90036740000		1	50.00	0.0000 +		0.00
2192	90036830000		1	6.00	0.0000 +		0.00
2193	90036930000		1	22.00	0.0000 +		0.00
2194	90037070000		1	100.00	0.0000 +		0.00
2195	90037220000		1	22.00	0.0000 +		0.00
2196	90037280000		1	7.00	0.0000 +		0.00
2197	90037290000		1	32.00	0.0000 +		0.00
2198	90037300000		1	13.00	0.0000 +		0.00
2199	90037750000		1	5.00	0.0000 +		0.00
2200	90037880000	EMPAQUETADURA	1	19.00	0.0000 +		0.00
2201	90038310000		1	4.00	0.0000 +		0.00
2202	90038330000	TORNILLO	1	112.00	0.1391 #		15.58
2203	90038430000	ESCOBILLA	1	1.00	11.3297		11.33
2204	90038440000		1	18.00	0.0000 +		0.00

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Canjiables al: 31/08/94
Programa: 31/08/94

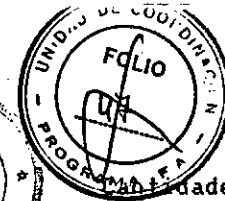
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2205	90038460000			4.00	0.0000 +	0.00
2206	90038470000			1.00	0.0000 +	0.00
2207	90038480000			50.00	0.0000 +	0.00
2208	90038810000			64.00	0.0000 +	0.00
2209	90038880000			12.00	0.0000 +	0.00
2210	90038910000			15.00	0.0000 +	0.00
2211	90038990000	MANIJA		15.00	33.8564	507.85
2212	90039050000			24.00	0.0000 +	0.00
2213	90039070000			7.00	0.0000 +	0.00
2214	90039160000	SOPORTE PORTAESCIBILLAS		19.00	305.6418	5807.19
2215	90039350000	PORTA ESCOBILLA		2.00	7.2103	14.42
2216	90039360000			4.00	0.0000 +	0.00
2217	90039370000	TAPA		31.00	56.1483	1740.60
2218	90039420000			36.00	0.0000 +	0.00
2219	90039430000			15.00	0.0000 +	0.00
2220	90039440000			40.00	301.8572	12074.29
2221	90039630000			2.00	0.0000 +	0.00
2222	90039660000	BRIDA		271.00	27.1166	7348.60
2223	90039700000	BOBINA DE OPERACION		36.00	50.1314	1804.73
2224	90039770000			8.00	0.0000 +	0.00
2225	90039810000			12.00	0.0000 +	0.00
2226	90040060000			32.00	0.0000 +	0.00
2227	90040140000	TERMINAL		1.00	6.1635	6.16
2228	90040550000	RESORTE REGULADOR D.24-B		15.00	4.1188	61.78
2229	90040560000	JUNTA		4.00	1.2031	4.81
2230	90040570000	JUNTA		4.00	0.1391 #	0.56
2231	90040580000	JUNTA		4.00	1.2031	4.81
2232	90040590000	JUNTA		5.00	1.7160	8.58
2233	90040650000			5.00	0.0000 +	0.00
2234	90040660000	RESORTE P/VAL.		7.00	1.3152	9.21
2235	90040680000			1.00	0.0000 +	0.00
2236	90040690000			5.00	0.0000 +	0.00
2237	90040700000			4.00	0.0000 +	0.00
2238	90040710000			1.00	0.0000 +	0.00
2239	90040790000			2.00	0.0000 +	0.00
2240	90040830000			14.00	0.0000 +	0.00
2241	90040840000			82.00	0.0000 +	0.00
2242	90040890000			4.00	0.0000 +	0.00
2243	90040930000			3.00	0.0000 +	0.00
2244	90040940000			50.00	0.0000 +	0.00
2245	90040950000			28.00	0.0000 +	0.00
2246	90040960000			4.00	0.0000 +	0.00
2247	90041070000	JUNTA P/CONEXION DE 1/2"		5.00	0.8235	4.12
2248	90041080000	JUNTAS DEL ACCESORIOS		20.00	0.8235	16.47
2249	90041100000			4.00	0.0000 +	0.00
2250	90041110000			4.00	0.0000 +	0.00
2251	90041130000	RESORTE DE VALVULA		6.00	15.0394	90.24
2252	90041150000	RESORTE		22.00	0.1391 #	3.06
2253	90041160000			5.00	0.1391 #	0.70
2254	90041170000	VALVULA		6.00	0.1391 #	0.83
2255	90041190000			5.00	0.0000 +	0.00
2256	90041210000	JUNTA		5.00	0.9023	4.51
2257	90041230000			6.00	0.0000 +	0.00
2258	90041240000			4.00	0.0000 +	0.00
2259	90041250000	JUNTA		9.00	0.0000 +	0.00
2260	90041260000	1		49.00	8.4418	413.65
2261	90041270000	ARO		49.00	0.1391 #	6.82
2262	90042210000	INTERRUPTOR A CUCHILLA		3.00	0.0000 +	0.00

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
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Valores al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2263	90042240000		1	14.00	0.0000 +	0.00
2264	90042310000	TAPA	1	0.00	0.0000 +	0.00
2265	90042340000		1	7.00	0.0000 +	0.00
2266	90042450000		1	4.00	0.0000 +	0.00
2267	90042460000	PORTA ESCOBILLAS COMPLETA	1	12.00	0.1391 #	1.67
2268	90042520000	RETEN DE FILTRO	1	1.00	0.8363	0.84
2269	90042640000		1	1.00	0.0000 +	0.00
2270	90042710000		1	5.00	0.0000 +	0.00
2271	90042720000		1	38.00	0.0000 +	0.00
2272	90042730000		1	7.00	0.0000 +	0.00
2273	90042780000		1	6.00	0.0000 +	0.00
2274	90042850000		1	131.00	0.0000 +	0.00
2275	90042880000		1	5.00	0.0000 +	0.00
2276	90042890000	FILTRO	1	15.00	1.2031	18.05
2277	90042900000		1	4.00	0.0000 +	0.00
2278	90044330000	VIROLA	1	1.00	0.1391 #	0.14
2279	90047300000		1	18.00	0.0000 +	0.00
2280	90047540000	CRISTAL DE PRIMERA CLASE	1	50.00	59.6145	2980.73
2281	90048390000		1	3.00	0.0000 +	0.00
2282	90051290000		1	13.00	0.0000 +	0.00
2283	90055830000		1	100.00	0.0000 +	0.00
2284	90057030000		1	20.00	0.0000 +	0.00
2285	90057120000		1	4.00	0.0000 +	0.00
2286	90057160000		1	15.00	0.0000 +	0.00
2287	90057200000		1	4.00	0.0000 +	0.00
2288	90060020000	ARO	1	12.00	0.1391 #	1.67
2289	90061260000		1	7.00	0.0000 +	0.00
2290	90061440000	BALANCIN DE ESCAPE	1	20.00	0.1391 #	2.78
2291	90061450000		1	55.00	0.0000 +	0.00
2292	90061460000		1	40.00	0.0000 +	0.00
2293	90061470000	BALANCIN ADMICION	1	22.00	0.1391 #	3.06
2294	90061490000		1	35.00	0.0000 +	0.00
2295	90061520000		1	0.00	0.0000 +	0.00
2296	90061530000		1	206.00	0.0000 +	0.00
2297	90061540000		1	45.00	0.0000 +	0.00
2298	90061650000		1	261.00	0.0000 +	0.00
2299	90061670000		1	140.00	0.0000 +	0.00
2300	90063580000	ARO DE PISTON 1A REPARACION	1	36.00	20.5952	741.43
2301	90064390000	BOBINA DE SELENOIDE	1	19.00	15.0394	285.75
2302	90064500000	CONECTOR COMPLETO	1	4.00	455.5887	1822.35
2303	90065590000	JUNTA P/SELLO ACEITE CONT.CARG	1	0.00	3.0907	0.00
2304	90065640000	ARO SELLO DE CAUCHO 6,07/9,63M	1	46.00	0.0000 +	0.00
2305	90065870000	DIAFRAGMA DE FALLA PRESION	1	0.00	13.4017	0.00
2306	90066180000	ARO JUNTA NEOFREND	1	0.00	0.0000 +	0.00
2307	90066310000	COJINETE DE EMPUJE	1	4.00	11.0289	44.12
2308	90066490000	EMBOLO PILOTO	1	49.00	18.0473	884.32
2309	90066640000	JUNTA DE LA CAJA A COLUMNA	1	0.00	0.4010	0.00
2310	90066650000	TORN.C/EXAG.5/16"X25 MM.LONG.	1	51.00	25.7647	1314.00
2311	90066670000	JUNTA CAJA POTENCIA Y BASE	1	0.00	0.0000 +	0.00
2312	90066680000		1	19.00	0.0000 +	0.00
2313	90066770000	RESORTE INTERIOR ACUMULADOR	1	2.00	3.0079	6.02
2314	90066880000	ARO "O"	1	71.00	3.0079	213.56
2315	90066890000	RESORTE AMORTIGUADOR	1	11.00	2.2058	24.26
2316	90066900000	EMBOLO AMORTIGUADOR	1	5.00	5.0131	25.07
2317	90067280000		1	10.00	0.0000 +	0.00
2318	90068370000	ARO JUNTA	1	10.00	0.1391 #	1.39
2319	90068510000		1	3.00	0.0000 +	0.00
2320	90068580000		1	20.00	0.0000 +	0.00

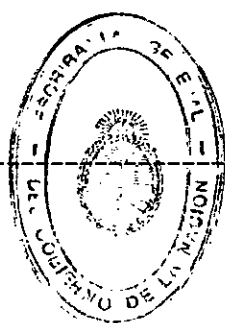
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

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Validades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2321	90068650000		1	31.00	0.0000 +	0.00
2322	90069520000	VIDRIO CUADRADO	1	9.00	0.0000 +	0.00
2323	90069560000		1	36.00	0.0000 +	0.00
2324	90069750000		1	61.00	0.0000 +	0.00
2325	90069870000		1	100.00	0.0000 +	0.00
2326	90070000000		1	6.00	0.0000 +	0.00
2327	90070020000		1	6.00	0.0000 +	0.00
2328	90070040000		1	20.00	0.0000 +	0.00
2329	90070060000		1	7.00	0.0000 +	0.00
2330	90070150000		1	3.00	0.0000 +	0.00
2331	90070160000		1	3.00	0.0000 +	0.00
2332	90070170000		1	4.00	0.0000 +	0.00
2333	90070190000		1	4.00	0.0000 +	0.00
2334	90070210000		1	4.00	0.0000 +	0.00
2335	90070280000		1	9.00	0.0000 +	0.00
2336	90070320000		1	4.00	0.0000 +	0.00
2337	90070330000		1	50.00	0.0000 +	0.00
2338	90070350000		1	16.00	0.0000 +	0.00
2339	90070360000		1	4.00	0.0000 +	0.00
2340	90070380000		1	6.00	0.0000 +	0.00
2341	90075490000	ARO "0"	1	31.00	0.5311	16.46
2342	90076360000	ARO	1	1.00	0.1391 #	0.14
2343	90076950000	DIAFRAGMA	1	6.00	3.5092	21.06
2344	90077400000	SEGURO	1	2.00	112.0137	224.03
2345	90077450000		1	1.00	0.0000 +	0.00
2346	90077460000		1	4.00	0.0000 +	0.00
2347	90077640000	SELLO	1	12.00	3.2511	39.01
2348	90081480000		1	24.00	0.0000 +	0.00
2349	90082830000		1	6.00	0.0000 +	0.00
2350	90082850000	PERNO PISTON	1	1.00	0.0000 +	0.00
2351	90082860000		1	136.00	0.0000 +	0.00
2352	90082880000		1	3.00	0.0000 +	0.00
2353	90083750000	SUPLEMENTO DE CALIBRACION	1	6.00	14.4628	86.78
2354	90083760000	SUPLEMENTO DE 0.042 MN	1	8.00	0.1391 #	1.11
2355	90083840000	JUNTA DE COBRE	1	1.00	0.1391 #	0.14
2356	90083940000		1	17.00	0.0000 +	0.00
2357	90083950000		1	1.00	0.0000 +	0.00
2358	90083960000		1	6.00	0.0000 +	0.00
2359	90083980000		1	15.00	0.0000 +	0.00
2360	90084000000		1	11.00	0.0000 +	0.00
2361	90085120000		1	7.00	0.0000 +	0.00
2362	90085130000		1	12.00	0.0000 +	0.00
2363	90085330000		3	22.00	0.0000 +	0.00
2364	90086610000		1	11.00	0.0000 +	0.00
2365	90086630000		1	1.00	0.0000 +	0.00
2366	90086640000		1	18.00	0.0000 +	0.00
2367	90086660000		1	16.00	0.0000 +	0.00
2368	90087080000	FILTRO COMP.	1	4.00	0.1391 #	0.56
2369	90087540000		1	20.00	0.0000 +	0.00
2370	90087550000	MECHA LUBRICACION	1	12.00	1.0026	12.03
2371	90088200000		1	20.00	15.1401	302.80
2372	90088250000	ZAPATAS FRENO GE	1	127.00	5.1259	650.99
2373	90088280000	FILTRO	1	1.00	50.1314	50.13
2374	90088440000	RESORTE EXTERIOR	1	9.00	0.0000 +	0.00
2375	90088450000	REST.119EXT.5,5ESP.X275MM.	1	20.00	0.0000 +	0.00
2376	90088500000		1	59.00	0.0000 +	0.00
2377	90088650000		1	4.00	0.0000 +	0.00
2378	90088660000		1	4.00	0.0000 +	0.00

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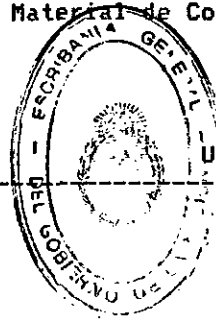
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 42

Línea : 21
Almacén: 213021

Valores al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2379	90088690000		1	6.00	0.0000 +	0.00
2380	90088720000		1	3.00	0.0000 +	0.00
2381	90088870000		1	7.00	0.0000 +	0.00
2382	90088940000		1	9.00	0.0000 +	0.00
2383	90089270000		1	6.00	0.0000 +	0.00
2384	90089540000		1	4.00	0.0000 +	0.00
2385	90089560000		1	4.00	0.0000 +	0.00
2386	90089650000		1	25.00	0.0000 +	0.00
2387	90089710000		1	5.00	0.0000 +	0.00
2388	90089910000		1	0.00	0.0000 +	0.00
2389	90089930000		1	1.00	0.0000 +	0.00
2390	90098170000		1	42.00	0.0000 +	0.00
2391	90098590000	TORNILLO PARA ESCOBILLA	1	12.00	0.0000 +	0.00
2392	90098600000	TORNILLO PARA RETEN	1	8.00	0.1504	1.20
2393	90098900000		1	10.00	0.0000 +	0.00
2394	90098920000		1	1.00	0.0000 +	0.00
2395	90099040000		1	6.00	0.0000 +	0.00
2396	90099130000		1	25.00	0.0000 +	0.00
2397	90099140000		1	10.00	0.0000 +	0.00
2398	90100720000		1	36.00	0.0000 +	0.00
2399	90108710000	MANGA DE FRENO	1	124.00	80.2333	9948.93
2400	90110110000		1	1.00	0.0000 +	0.00
2401	90111170000	S/D	1	0.00	0.0000 +	0.00
2402	90115240000		1	91.00	0.0000 +	0.00
2403	90116000000		1	22.00	0.0000 +	0.00
2404	90116070000	COJINETE DE BIELA	1	13.00	851.6979	11072.07
2405	90119920000		1	7.00	0.0000 +	0.00
2406	90190550000		1	4.00	0.0000 +	0.00
2407	90197360000		1	34.00	0.0000 +	0.00
2408	90197400000		1	7.00	0.0000 +	0.00
2409	90197450000		1	4.00	0.0000 +	0.00
2410	90197570000	BATERIA TIPO PLOMO-ACIDO	1	0.00	4443.7391	0.00
2411	90198840000		1	0.00	0.0000 +	0.00
2412	90201190000		1	6.00	0.0000 +	0.00
2413	90201200000	TORNILLO 10X28X1,5	1	58.00	3.0203	175.18
2414	90201790000	TUERCA	1	120.00	0.1391 #	16.69
2415	90201940000	TORNILLO 16X35MM	1	661.00	0.1950	128.90
2416	90202150000	TUERCA EXAGONAL	1	30.00	0.2005	6.02
2417	90202340000	CILEMBLOCK	1	11.00	98.6364	1085.00
2418	90202350000	PERNO	1	12.00	0.1391 #	1.67
2419	90202560000	EJE	1	10.00	7.4815	74.82
2420	90203310000	ARANDELA	1	14.00	1.9075	26.71
2421	90203330000		1	8.00	0.0000 +	0.00
2422	90203520000	CASQUILLO	1	6.00	6.7659	40.60
2423	90203530000	CASQUILLO	1	51.00	2.7618	140.85
2424	90203540000	CASQUILLO	1	20.00	0.6717	13.43
2425	90203570000	BIELA	1	32.00	0.1391 #	4.45
2426	90203590000	EJE (LADO OPUESTO AL CILINDRO)	1	2.00	2.1290	4.26
2427	90203720000	COLGANTE DE ZAPATA	1	1.00	0.1391 #	0.14
2428	90203730000	CASQUILLO	1	67.00	7.7093	516.52
2429	90203740000	COLGANTE /ZAPATA	1	8.00	167.4087	1339.27
2430	90203760000	PLACA DE GUIA	1	4.00	0.0000 +	0.00
2431	90203770000	EJE DEL LADO DEL CILINDRO	1	16.00	48.0820	769.31
2432	90203800000	CASQUILLO	1	40.00	2.3918	95.67
2433	90203870000	PERNO PARA PORTA ZAPATA	1	31.00	8.4837	262.99
2434	90203880000	SOPORTE	1	1.00	28.9272	28.93
2435	90203990000	TORNILLO M5x14	1	20.00	0.1006	2.01
2436	90204030000	TORNILLO 40x0x0,7	1	40.00	0.1391 #	5.56

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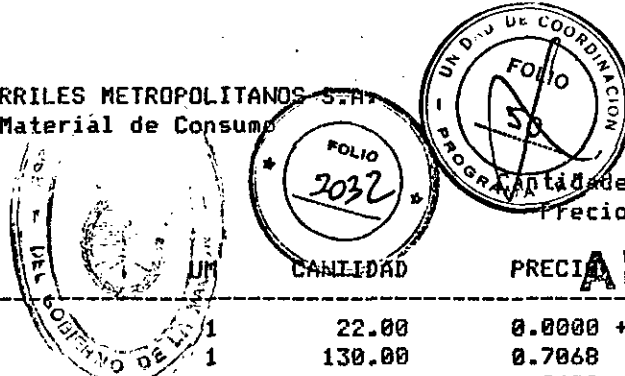
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 43

Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2437	90204100000		1	22.00	0.0000 +	0.00
2438	90206050000	TORNILLO	1	130.00	0.7068	91.88
2439	90206160000	ANILLO	1	16.00	29.9685	479.50
2440	90206240000	PLACA DE FRICCION	1	0.00	18.7102	0.00
2441	90206630000	GRILLETE P/SOSTEN DE BAYESTA	1	1.00	38.1741	38.17
2442	90209240000	ALMOHADILLA	1	10.00	100.5158	1005.16
2443	90218010000		1	3.00	0.0000 +	0.00
2444	90219760000	PLACA DE FRICCION	1	316.00	4.8181	1522.52
2445	90220550000	TUERCA	1	8.00	43.0751	344.60
2446	90220560000	TORNILLO	1	0.00	0.5425	0.00
2447	90221360000		1	14.00	0.0000 +	0.00
2448	90222420000		1	16.00	0.0000 +	0.00
2449	90222440000		1	10.00	15.2623	152.62
2450	90222450000	BUJE CENTRAL 60X71X28mm	1	99.00	26.3578	2609.42
2451	90222730000	CILINDRO	1	5.00	0.1391 #	0.70
2452	90223340000		3	480.00	4.6277	2221.30
2453	90223460000	CANAL PARA CRISTAL	1	0.00	1.1028	0.00
2454	90223480000		1	1.00	0.0000 +	0.00
2455	90224530000	CRISTAL DE LUNA TEMPLADO	1	0.00	11.0289	0.00
2456	90224540000	VIDRIO P/PUERTA DE SEGURIDAD	1	0.00	11.4700	0.00
2457	90224550000	BURLETE DE GOMA	3	0.00	2.9577	0.00
2458	90224560000	CUNA PARA OJO DE BUEY	3	0.00	0.4712	0.00
2459	90231190000	VASTAGO PARA CILINDRO	1	8.00	113.1425	905.14
2460	90231420000	SUSPENSION	1	18.00	0.0000 +	0.00
2461	90231430000	RESORTE	1	18.00	46.9043	844.28
2462	90231440000		1	18.00	0.0000 +	0.00
2463	90231460000	POLEA	1	3.00	1611.7431	4835.23
2464	90233150000	CORREAS EN V.C.90	1	130.00	11.9313	1551.07
2465	90234450000	VIDRIO SEGURIDAD OJO DE BUEY	1	24.00	15.0394	360.95
2466	90239910000	CRISTAL PARA VENTANA	1	72.00	17.0146	1225.05
2467	90240130000	VIDRIO DE SEGURIDAD	1	24.00	9.3700	224.88
2468	90241240000	BURLETE DE GOMA	3	0.00	0.0000 +	0.00
2469	90262810000		1	20.00	870.4211	17408.42
2470	90262880000		1	150.00	0.0000 +	0.00
2471	90264000000		1	2.00	0.0000 +	0.00
2472	90276480000	VALVULA FUNSANTE	1	9.00	201.9962	1817.97
2473	90276650000	TORNILLO	1	20.00	857.2554	17145.11
2474	90277560000	CIERRE AUTOMATICO M/I	1	4.00	0.0000 +	0.00
2475	90278600000		1	28.00	0.0000 +	0.00
2476	90283050000	COMUTADOR ROT. 4 POS.20-A.250V	0	0.00	20.0526	0.00
2477	90283060000	COMUT ROT. 4POS 60A-250VR 629	1	2.00	65.1710	130.34
2478	90283070000	INTERRUPTOR 638	1	3.00	0.0000 +	0.00
2479	90295590000	PORTA FUSIBLE DE 60 Amp	1	2.00	3.8701	7.74
2480	90298080000		0	0.00	86.6934	0.00
2481	90300740000		1	30.00	0.0000 +	0.00
2482	90300890000	PORTA ESCOBILLA	1	2.00	17.0447	34.09
2483	90300910000	ESCOBILLA DE CARBON	1	0.00	5.1635	0.00
2484	90301060000		0	0.00	0.1391 #	0.00
2485	90301190000	BASE	1	0.00	0.1391 #	0.00
2486	90301200000		0	0.00	0.1391 #	0.00
2487	90301260000	TERMINAL PARA DINAMOS	1	30.00	4.9727	149.18
2488	90301270000	BLOQUE TERMINAL	1	32.00	0.9597	30.71
2489	90301500000		1	10.00	163.5301	1635.30
2490	90301750000		1	7.00	0.0000 +	0.00
2491	90301770000	ARANDELA	1	60.00	30.2069	1812.41
2492	90301780000		1	21.00	0.0000 +	0.00
2493	90301810000	POLEA DE FUNDICION	1	12.00	70.1841	842.21
2494	90301990000	TAPA DE HIERRO	1	4.00	0.1391 #	0.56

ANEXO

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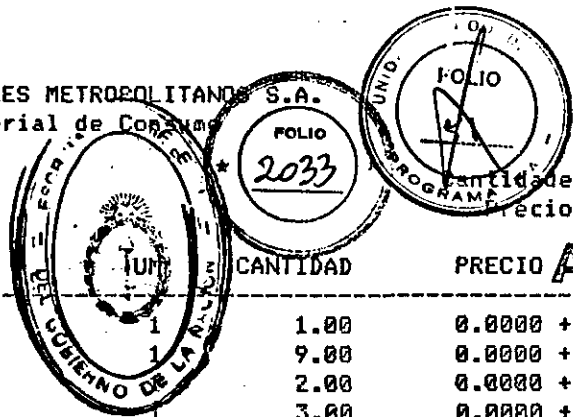
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 44

Línea : 21
Almacén: 213021



Anticipo al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	ANEXO	IMPORTE
2495	90302030000		1.00	0.0000 +		0.00
2496	90302060000		9.00	0.0000 +		0.00
2497	90302090000		2.00	0.0000 +		0.00
2498	90302110000		3.00	0.0000 +		0.00
2499	90302160000	PUENTE	1	8.00	17.5364	140.29
2500	90302170000	TORNILLO	1	8.00	0.1391 #	1.11
2501	90302200000	GUIA	1	14.00	2.4860	34.80
2502	90302210000	CONEXION FLEXIBLE	1	70.00	5.5726	390.08
2503	90302230000	GUIA	0	0.00	0.1391 #	0.00
2504	90302240000	GUIA FIJA PARA C.FLEXIBLE	1	5.00	12.0316	60.16
2505	90302810000	TAPA DE INSPECCION	1	12.00	23.7409	284.89
2506	90311520000	PORTA FUSIBLE DE BATERIA	0	0.00	40.1052	0.00
2507	90312100000		1	15.00	0.0000 +	0.00
2508	90314590000		0	0.00	26.5670	0.00
2509	90314670000	BLOQUE TERMINAL	1	0.00	1.5900	0.00
2510	90314890000	ESCOBILLA DE CARBON	1	75.00	3.0079	225.59
2511	90319120000		1	65.00	0.0000 +	0.00
2512	90332460000	ARD	1	6.00	50.1314	300.79
2513	90339620000	FUSIBLE DE 60 AMPER	1	4.00	8.0210	32.08
2514	90340320000	RETEN	1	5.00	0.0000 +	0.00
2515	90340340000		1	7.00	0.0000 +	0.00
2516	90345260000		1	2.00	0.0000 +	0.00
2517	90351450000		1	16.00	0.0000 +	0.00
2518	90351580000	COND VALVULA	1	54.00	0.1391 #	7.51
2519	90352020000	BUJE PARA LEVA	1	20.00	0.2442	4.88
2520	90352710000	JUNTA	1	5.00	0.0000 +	0.00
2521	90352800000	PERNO PISTEN	1	8.00	3.5289	28.23
2522	90352850000	ANILLO SEGUR.VAL.ADMISION	1	90.00	1.1649	104.84
2523	90352870000		1	2.00	0.0000 +	0.00
2524	90352880000		1	2.00	0.0000 +	0.00
2525	90352890000		1	2.00	0.0000 +	0.00
2526	90366070000		1	2.00	0.0000 +	0.00
2527	90366570000		1	8.00	0.0000 +	0.00
2528	90372520000		1	7.00	0.0000 +	0.00
2529	90387220000	CAMISAS DE INYECTORES	1	0.00	0.0000 +	0.00
2530	90387390000		1	18.00	0.0000 +	0.00
2531	90387680000		1	2.00	0.0000 +	0.00
2532	90387790000	PUNTAL PARA PATIN	1	9.00	0.2249	2.02
2533	90387850000		1	24.00	0.0000 +	0.00
2534	90387920000	BALACIN DERECHO	1	0.00	348.9270	0.00
2535	90387930000	BALACIN IZQUIERDO	1	0.00	209.2167	0.00
2536	90387960000	BUJE PARA BALACIN	1	4.00	0.3063	1.23
2537	90387980000		1	16.00	0.0000 +	0.00
2538	90387990000	SEDA ESFERICA P/REGULADOR	1	3.00	0.1391 #	0.42
2539	90388010000	TRAVESANO	1	17.00	1.2718	21.62
2540	90388020000	TORNILLO REGULACION	1	6.00	77.6008	465.60
2541	90388060000	PERNO P/BALANCIN	1	3.00	0.1391 #	0.42
2542	90388070000	SOPORTE DE BALANCIN	1	2.00	0.1391 #	0.28
2543	90388090000	PLATILLO SUPER. REGULADOR	1	16.00	18.7213	299.54
2544	90388140000		1	2.00	0.0000 +	0.00
2545	90388200000	ESPESOR DE REGULACION	1	24.00	0.2249	5.40
2546	90388220000	TOPE INFERIOR DE RESORTE	1	10.00	166.6991	1666.99
2547	90388230000	RESORTE DE PISTON	1	4.00	24.6530	98.61
2548	90388240000	CREMALLERA DE REGULACION	1	2.00	211.4274	422.85
2549	90388320000	TOPE RESORTE DE VALVULA	1	12.00	0.1391 #	1.67
2550	90388530000		1	4.00	0.0000 +	0.00
2551	90388770000		1	10.00	0.0000 +	0.00
2552	90420020000		1	8.00	0.0000 +	0.00

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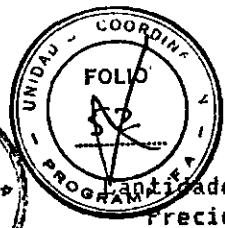
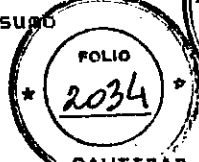
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

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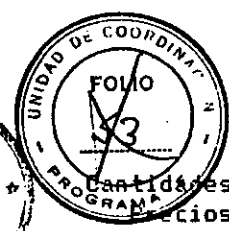
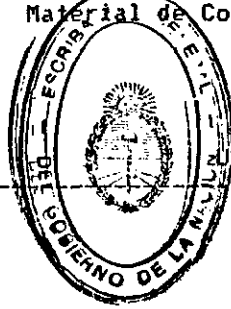
Actividades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	
						ORTE	
2553	90420030000		1	12.00	0.0000 +		0.00
2554	90420040000		1	8.00	0.0000 +		0.00
2555	90421050000		1	30.00	0.0000 +		0.00
2556	90421760000		1	1.00	0.0000 +		0.00
2557	90426370000		1	8.00	0.0000 +		0.00
2558	90432780000	PESTILLO COMP.	1	0.00	12.4326		0.00
2559	90432860000	PESTILLO DE VENTANA M/I	1	0.00	18.0473		0.00
2560	90437220000		1	168.00	0.0000 +		0.00
2561	90437610000		0	0.00	8.6998		0.00
2562	90437630000		1	0.00	68.7080		0.00
2563	90443680000	BOTON PULSADOR	1	3.00	0.0000 +		0.00
2564	90454000000	PERNO	1	12.00	9.7486		116.98
2565	90500050000	ARANDELA DIVISION Nro 331	1	115.00	0.0000 +		0.00
2566	90500070000	ELASTICO DE GOMA TIPO SPENCER	1	160.00	85.2235		13635.76
2567	90500090000	BUJE GUIA P/ VASTAGO	1	8.00	160.6458		1285.17
2568	90500100000	CAJA P/PARAGOLPE DE DOBLE CARR	1	5.00	730.2695		3651.35
2569	90501570000	ARANDELA DIVISORIA	1	0.00	2.0052		0.00
2570	90502170000	LLANTAS	1	62.00	785.6914		48712.87
2571	90502340000	AROS ROLLANTES DE 24"	1	94.00	14.8890		1399.57
2572	90502350000	MANGA DE GOMA COMPLETA	1	180.00	35.0920		6316.56
2573	90502360000	MANGAS S/ACCESORIOS	1	40.00	26.0683		1042.73
2574	90502370000	REGILLA P/MANGA	1	0.00	5.0131		0.00
2575	90502400000	ARANDELA DE GOMA P/CUERP.ACOP.	1	101.00	1.2031		121.51
2576	90504750000	AROS DE GUARNICION DE 24"	1	250.00	70.1841		17546.03
2577	90504910000	DIAFRAGMA	1	16.00	3.0079		48.13
2578	90504970000	JUNTA E/VALVULA Y CDRO FRENO	1	21.00	2.8913		60.72
2579	90505010000	BUJE PIEZA *2775	1	10.00	58.0425		588.43
2580	90505630000	LLAVE P/ZAPATA	1	835.00	4.2019		3508.59
2581	90509220000		1	10.00	0.0000 +		0.00
2582	90509780000	GANCHO DE TRACCION	1	9.00	187.2198		1684.98
2583	90510750000	ZAPATA DE COMPOSICION RECTA	1	0.00	26.4995		0.00
2584	90516510000	PERNO SIN ACCESORIO	1	3.00	20.0526		60.16
2585	90517170000		1	95.00	0.0000 +		0.00
2586	90561710000		1	3.00	0.0000 +		0.00
2587	90561820000	RESORTE	1	5.00	15.2013		76.01
2588	90561920000		1	3.00	0.0000 +		0.00
2589	90561930000		1	3.00	0.0000 +		0.00
2590	90561940000		1	1.00	0.0000 +		0.00
2591	90561950000	TUERCA	1	2.00	38.4806		76.96
2592	90562030000		1	6.00	0.0000 +		0.00
2593	90562060000		1	4.00	0.0000 +		0.00
2594	90563490000	TAPON	1	80.00	0.0000 +		0.00
2595	90563500000	PRENO P/SUSPENSION	1	80.00	0.0000 +		0.00
2596	90563850000	REGULADOR AUTOMATICO COMP.	1	0.00	200.5261		0.00
2597	90564410000	AROS ROLANTE SOBRE MEDIDA	1	90.00	14.8890		1340.01
2598	90569100000		1	17.00	0.0000 +		0.00
2599	90571870000		1	23.00	0.0000 +		0.00
2600	90615120000	JUNTA	1	0.00	4.2232		0.00
2601	90615210000	JUNTA	1	0.00	0.2866		0.00
2602	90615220000	JUNTA E/CAB.BAJA PRES.Y TAPA	1	0.00	3.0677		0.00
2603	90615290000	JUNTA E/CAB.Y TAPA BAJA PRESI.	1	10.00	1.1248		11.25
2604	90624450000	JUNTA TAPA IMPULSOR AUXILIARES	1	5.00	0.4010		2.01
2605	90626050000	JUNTA P/CUERPO BOMBA	1	5.00	4.7464		23.73
2606	90626070000	JUNTA R.F.801	1	5.00	4.9946		24.97
2607	90629160000	JUNTA	1	5.00	0.7362		3.68
2608	90640030000	MONTANTE P.SUSP.DE MOTOR TRAC.	1	60.00	0.1628		9.77
2609	90680370000		1	6.00	0.0000 +		0.00
2610	90701200000	TUERCA	1	70.00	0.3780		26.46

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Línea : 21
Almacén: 213021



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTE
2611	90701210000	TUERCA	1	0.1501	2.40
2612	90701240000	TORNILLO	1	1.3772	13.77
2613	90701250000	TORNILLO	1	0.4736	7.58
2614	90701260000	TORNILLO DE ACERO	4	143.2972	2579.35
2615	90701270000		1	0.0000 +	0.00
2616	90701280000		1	0.0000 +	0.00
2617	90701290000		1	0.0000 +	0.00
2618	90701300000	TORNILLO	1	0.0000 +	0.00
2619	90701320000		1	0.0000 +	0.00
2620	90701330000	ESPARRAGOS	1	0.1391 #	1.39
2621	90701350000		1	0.0000 +	0.00
2622	90701380000		1	0.0000 +	0.00
2623	90701410000		1	0.0000 +	0.00
2624	90701440000	TORNILLO DE ACERO EXAGONAL	4	4.1812	20.91
2625	90701450000		1	0.0000 +	0.00
2626	90701460000	TORNILLO	1	0.1391 #	0.83
2627	90701480000	TORNILLO	1	5.0375	10.08
2628	90701510000	ESPINA	1	8.9011	44.51
2629	90701530000	ESPINA	1	4.5552	22.78
2630	90701560000	ANILLO SEGURIDAD	1	0.2276	5.69
2631	90701570000		1	0.0000 +	0.00
2632	90701580000		1	0.0000 +	0.00
2633	90701590000	ANILLO SEGURIDAD P/PISTON	1	2.8870	11.55
2634	90701600000	ANILLO	1	0.1391 #	0.42
2635	90701610000	ANILLO	1	0.2513	3.27
2636	90701690000	ARANDELAS	1	0.1391 #	1.39
2637	90701730000		1	0.0000 +	0.00
2638	90701740000	TAPON	1	0.3344	2.68
2639	90701760000	ESPARRAGO	1	1.8860	9.43
2640	90701770000	ESPARRAGO	1	5.3282	15.98
2641	90701780000	ESPARRAGO AC.MF.16 1,5x60MM	1	2.7774	69.44
2642	90701790000		1	0.0000 +	0.00
2643	90701800000	ESPARRAGO	1	0.1391 #	0.83
2644	90701820000	ESPARRAGO	1	3.5571	35.57
2645	90701910000	TORNILLO	1	0.1391 #	0.70
2646	90701930000	JUNTA	1	0.1391 #	0.83
2647	90701950000	JUNTA	1	0.1391 #	1.39
2648	90701980000		1	0.0000 +	0.00
2649	90702090000	VALVULA	1	48.0579	96.12
2650	90702120000		1	0.0000 +	0.00
2651	90702150000		1	0.0000 +	0.00
2652	90702200000	BUJE	1	0.0000 +	0.00
2653	90702230000		1	0.0000 +	0.00
2654	90702250000		1	0.0000 +	0.00
2655	90702260000		1	0.0000 +	0.00
2656	90702290000	COLUMNA FIJACION CAB.BLOCK CIL	1	0.8597	49.00
2657	90702300000	TUERCA FIJAC. DE COLUMNA	4	12.7424	471.47
2658	90702310000	TUERCA FIJAC. (BLOCK)COLUMNA	4	10.1560	731.23
2659	90702330000		1	0.0000 +	0.00
2660	90702340000		1	0.0000 +	0.00
2661	90702350000	BUJE	1	5.9436	17.83
2662	90702360000		1	0.0000 +	0.00
2663	90702380000		1	0.0000 +	0.00
2664	90702400000		1	0.0000 +	0.00
2665	90702410000	GUARNICION COLECTOR	1	1.3956	1.40
2666	90702420000		1	0.0000 +	0.00
2667	90702430000		1	0.0000 +	0.00
2668	90702450000		1	0.0000 +	0.00

ANEXO

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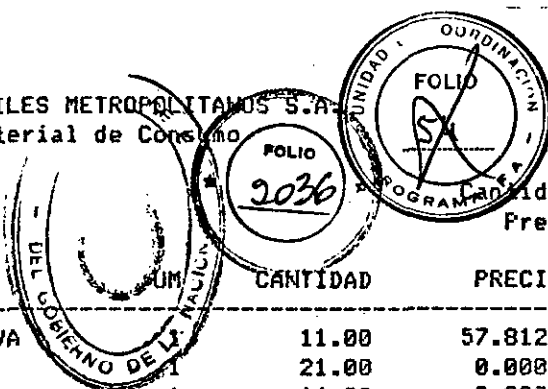
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 47

Línea : 21
Almacén: 213021



Cantidades al: 31/08/94
Precios al: 31/07/94

NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTE	
2669	90702470000	BUJE PARA ARBOL DE LEVA	11.00	57.8122	635.93
2670	90702490000	BUJE DE ARBOL DE LEVA	21.00	0.0000 +	0.00
2671	90702500000		16.00	0.0000 +	0.00
2672	90702520000	TORNILLO LATER.(BLOCK CILIND.)	10.00	217.4501	2174.50
2673	90702530000		5.00	0.0000 +	0.00
2674	90702540000		16.00	0.0000 +	0.00
2675	90702550000		7.00	0.0000 +	0.00
2676	90702560000	SEGURO	13.00	0.0000 +	0.00
2677	90702570000		30.00	0.0000 +	0.00
2678	90702600000		5.00	0.0000 +	0.00
2679	90702610000		1.00	273.7182	273.72
2680	90702620000		10.00	273.7182	2737.18
2681	90702640000		16.00	0.0000 +	0.00
2682	90702650000		7.00	0.0000 +	0.00
2683	90702670000		4.00	0.0000 +	0.00
2684	90702680000		8.00	0.0000 +	0.00
2685	90702700000	TAPA CON BRIDA	10.00	302.5570	3025.57
2686	90702710000	TAPA	2.00	0.0000 +	0.00
2687	90702720000	GUARNICION	17.00	238.9254	4061.73
2688	90702740000	GUARNICION	10.00	0.0000 +	0.00
2689	90702750000		4.00	0.0000 +	0.00
2690	90702820000	ANILLO RETEN	61.00	1.0820	66.00
2691	90702850000	GUARNICION	23.00	6.0170	138.39
2692	90702870000	GUARNICION	3.00	0.0000 +	0.00
2693	90702880000		1.00	0.0000 +	0.00
2694	90702890000	ANILLO	6.00	0.0000 +	0.00
2695	90702900000	TIRANTE	36.00	8.6466	311.28
2696	90702910000	RUJE	41.00	0.0000 +	0.00
2697	90702920000	PERILLA	5.00	0.0000 +	0.00
2698	90702930000	REPARACION	15.00	7.1512	107.27
2699	90702940000	BRIDA	9.00	0.0000 +	0.00
2700	90702950000	GUARNICION PARA BRIDA	8.00	0.1391 #	1.11
2701	90702970000	DISTANCIAL	40.00	0.0000 +	0.00
2702	90702980000	TAPA DE INSPECCION	7.00	0.0000 +	0.00
2703	90703000000	TAPA	53.00	0.0000 +	0.00
2704	90703010000	GUARNICION	10.00	0.1419	1.42
2705	90703030000	DISTANCIAL	1.00	0.0000 +	0.00
2706	90703040000	PERILLA	20.00	11.1768	223.54
2707	90703090000	ANILLO	136.00	14.1942	1930.41
2708	90703130000	ASIENTO DE VALVULA	78.00	0.0000 +	0.00
2709	90703150000	ANILLO	1.00	6.7101	6.71
2710	90703160000		103.00	0.0000 +	0.00
2711	90703180000		64.00	0.0000 +	0.00
2712	90703190000		18.00	0.0000 +	0.00
2713	90703240000	ANILLO	91.00	2.2541	205.12
2714	90703250000	GUARNICION BLOCK CILINDRO	23.00	0.7813	17.97
2715	90703360000		1.00	0.0000 +	0.00
2716	90703370000		10.00	0.0000 +	0.00
2717	90703390000		11.00	0.0000 +	0.00
2718	90703400000		30.00	0.0000 +	0.00
2719	90703430000	BIELA	4.00	0.0000 +	0.00
2720	90703490000		0.00	153.2399	0.00
2721	90703500000		0.00	97.0590	0.00
2722	90703510000		0.00	84.4177	0.00
2723	90703520000		14.00	259.6839	3635.57
2724	90703550000	BIELA SOLAMENTE	19.00	0.0000 +	0.00
2725	90703610000		5.00	0.0000 +	0.00
2726	90703640000	BUJE (BIELA MOTRIZ)	50.00	4506.8245	225341.23

ANEXO

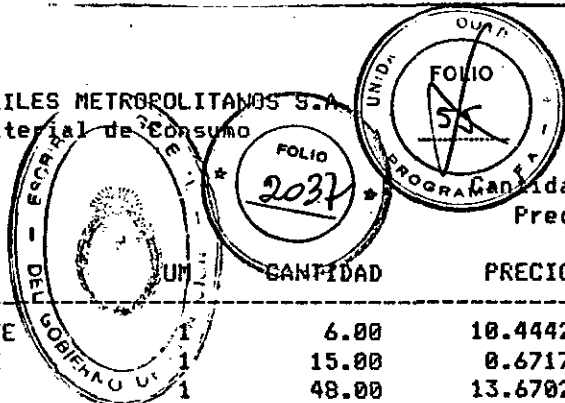
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 48

Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	IMPORTE
2727	90703650000	TORNILLO FIJACION BUJE	1	6.00	10.4442		62.67
2728	90703660000	ARANDELA BIELA MOTRIZ	1	15.00	0.6717		10.08
2729	90703670000	GUIA DE VALVULA	1	48.00	13.6702		656.17
2730	90703680000	PLATILLO REGULADOR	1	93.00	15.8218		1471.43
2731	90703690000	RESORTE EXTERNO	1	100.00	0.0000 +		0.00
2732	90703700000	RESORTE	1	138.00	0.1391 #		19.20
2733	90703720000	COLUMNA	1	30.00	0.0000 +		0.00
2734	90703730000		1	49.00	0.0000 +		0.00
2735	90703740000	GUIA DE TRAVESANO	1	17.00	70.7262		1202.35
2736	90703750000	ANILLO SEGURIDAD	1	8.00	0.1391 #		1.11
2737	90703760000	EXTREMO	1	40.00	0.2035		8.14
2738	90703780000	TAPA	1	30.00	144.0939		4322.82
2739	90703790000	JUNTA	1	20.00	7.8807		157.61
2740	90703830000		1	10.00	0.0000 +		0.00
2741	90703860000		1	2.00	0.0000 +		0.00
2742	90703870000		1	3.00	0.0000 +		0.00
2743	90703890000		1	3.00	0.0000 +		0.00
2744	90703900000	UNION ELASTICA	1	0.00	311.2893		0.00
2745	90703910000		1	3.00	0.0000 +		0.00
2746	90703950000		1	2.00	0.0000 +		0.00
2747	90704030000		1	2.00	0.0000 +		0.00
2748	90704040000		1	1.00	0.0000 +		0.00
2749	90704050000		1	1.00	0.0000 +		0.00
2750	90704060000		1	5.00	0.0000 +		0.00
2751	90704070000		1	4.00	0.0000 +		0.00
2752	90704090000	TUERCA	1	8.00	2.0406		16.32
2753	90704100000	TUERCA DE SEGURIDAD	1	6.00	4.4131		26.48
2754	90704110000		1	1.00	0.0000 +		0.00
2755	90704190000	ESPINA	1	10.00	13.2455		132.46
2756	90704200000		1	17.00	0.0000 +		0.00
2757	90704220000		1	39.00	0.0000 +		0.00
2758	90704230000		1	22.00	0.0000 +		0.00
2759	90704350000	ANILLO ELASTICA	1	9.00	0.1391 #		1.25
2760	90704380000	PATIO	1	1.00	0.0000 +		0.00
2761	90704400000		1	1.00	0.0000 +		0.00
2762	90704400000		1	4.00	0.0000 +		0.00
2763	90704520000	CILINDRO	1	0.00	3032.5355		0.00
2764	90704660000		1	0.00	1611.5109		0.00
2765	90704670000		1	2.00	9.4420		18.88
2766	90704680000	TAPA CILINDRO	1	0.00	0.0000 +		0.00
2767	90704690000		1	0.00	0.0000 +		0.00
2768	90704710000	TAPA CILINDRO	1	1.00	0.0000 +		0.00
2769	90704720000		1	0.00	0.0000 +		0.00
2770	90704730000	TUBO PARA CILINDRO	1	0.00	0.0000 +		0.00
2771	90704740000		1	1.00	0.0000 +		0.00
2772	90704760000		1	1.00	0.0000 +		0.00
2773	90704770000		1	0.00	5777.1389		0.00
2774	90704780000		1	2.00	0.0000 +		0.00
2775	90704790000		1	1.00	0.0000 +		0.00
2776	90704810000		1	1.00	0.0000 +		0.00
2777	90704820000		1	1.00	0.0000 +		0.00
2778	90704860000	JUNTA	1	0.00	432.0000		0.00
2779	90704870000		1	1.00	0.0000 +		0.00
2780	90704890000		1	44.00	0.0000 +		0.00
2781	90704900000		1	14.00	0.0000 +		0.00
2782	90704910000	GUARNICION PARA BRIDA	1	0.00	0.0000 +		0.00
2783	90704920000		1	4.00	0.0000 +		0.00
2784	90704930000		1	4.00	0.0000 +		0.00

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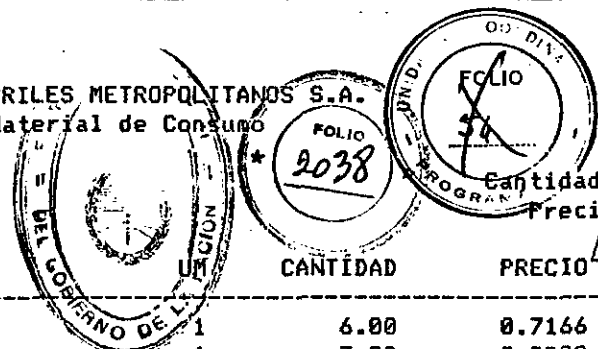
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
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Página: 49

Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UNIDAD	CANTIDAD	PRECIO	IMPORTE
2785	90704990000	GUARNICION SUPERIOR	1	6.00	0.7166	4.30
2786	90705000000		1	3.00	0.0000 +	0.00
2787	90705010000	GUARNICION INFERIOR	1	3.00	0.9641	2.89
2788	90705030000	GUARNICION	1	6.00	0.0000 +	0.00
2789	90705050000	ACOFIAMIENTO ELASTICO	1	2.00	1316.8493	2633.70
2790	90705060000		1	5.00	0.0000 +	0.00
2791	90705070000	GUARNICION	1	9.00	0.3681	3.31
2792	90705100000		1	7.00	0.0000 +	0.00
2793	90705120000		1	1.00	0.0000 +	0.00
2794	90705150000	GUARNICION SOBRE ESCAPE	1	14.00	0.4498	6.30
2795	90705270000	GUARNICION	1	5.00	0.0000 +	0.00
2796	90705290000		1	4.00	0.0000 +	0.00
2797	90705520000	JUNTA	1	6.00	2391.1573	14346.94
2798	90705530000		1	3.00	0.0000 +	0.00
2799	90705540000	INYECTOR	1	0.00	3234.2426	0.00
2800	90705550000		1	7.00	0.0000 +	0.00
2801	90705580000		1	15.00	0.0000 +	0.00
2802	90705590000		1	9.00	0.0000 +	0.00
2803	90705600000		1	3.00	0.0000 +	0.00
2804	90705630000		1	2.00	0.0000 +	0.00
2805	90705640000		1	10.00	0.0000 +	0.00
2806	90705650000	ANILLO	1	8.00	0.0000 +	0.00
2807	90705680000	GUARNICION	1	34.00	0.0000 +	0.00
2808	90705690000		1	12.00	0.0000 +	0.00
2809	90705700000		1	3.00	0.0000 +	0.00
2810	90705710000	GUARNICION	1	24.00	0.0000 +	0.00
2811	90705770000	TUERCA	1	48.00	0.0000 +	0.00
2812	90705790000		1	1.00	0.0000 +	0.00
2813	90705820000	INYECTOR	1	0.00	2654.5252	0.00
2814	90705840000	ANILLO	1	50.00	0.7870	39.35
2815	90705850000	ANILLO	1	204.00	0.1391 #	28.38
2816	90705870000	JUNTA	1	112.00	18.8451	2110.65
2817	90705910000	RESORTE	1	25.00	5.4672	136.68
2818	90705930000		1	0.00	0.0000 +	0.00
2819	90705950000		1	7.00	0.0000 +	0.00
2820	90705960000		1	5.00	0.0000 +	0.00
2821	90705970000		1	2.00	0.0000 +	0.00
2822	90705980000		1	1.00	0.0000 +	0.00
2823	90705990000		1	5.00	0.0000 +	0.00
2824	90706020000	TORNILLO	1	1.00	2.9121	2.91
2825	90706050000	JUNTA	1	12.00	0.0000 +	0.00
2826	90706130000		1	9.00	0.0000 +	0.00
2827	90706140000		1	1.00	0.0000 +	0.00
2828	90706170000		1	21.00	0.0000 +	0.00
2829	90706180000		1	5.00	0.0000 +	0.00
2830	90706360000		1	8.00	0.0000 +	0.00
2831	90706380000		1	9.00	0.0000 +	0.00
2832	90706390000		1	2.00	0.0000 +	0.00
2833	90706400000	DISPOSITIVO RETEN BOMBA	1	1.00	74.4468	74.45
2834	90706410000		1	1.00	0.0000 +	0.00
2835	90706420000		1	3.00	0.0000 +	0.00
2836	90706430000	ANILLO	1	7.00	0.0000 +	0.00
2837	90706440000	ANILLO	1	6.00	0.0000 +	0.00
2838	90706450000	ANILLO	1	13.00	0.0000 +	0.00
2839	90706460000	RESORTE	1	1.00	0.0000 +	0.00
2840	90706470000	ANILLO	1	6.00	0.0000 +	0.00
2841	90706490000	ANILLO	1	11.00	0.0000 +	0.00
2842	90706500000	ANILLO	1	6.00	0.0000 +	0.00

ANEXO

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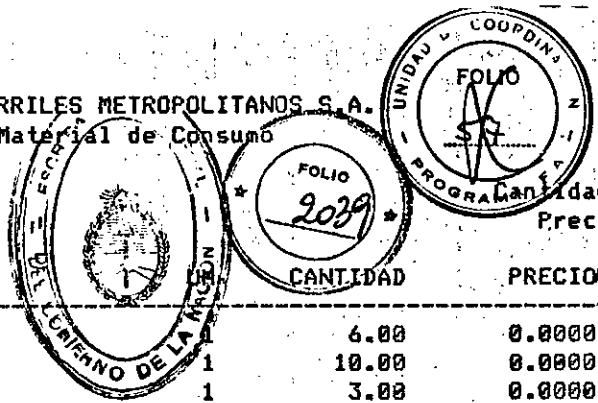
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

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Cantidades al: 31/08/94
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#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
2843	90706530000		6.00	0.0000 +	0.00	
2844	90706550000		10.00	0.0000 +	0.00	
2845	90706570000		3.00	0.0000 +	0.00	
2846	90706990000	GOMA ESFERICA	1	4.00	0.0000 +	0.00
2847	90707120000		1	80.00	0.0000 +	0.00
2848	90707130000		1	4.00	0.0000 +	0.00
2849	90707150000		1	27.00	0.0000 +	0.00
2850	90707350000		1	4.00	0.0000 +	0.00
2851	90707430000	FILTRO	1	6.00	0.0000 +	0.00
2852	90707470000	BUJE	1	2.00	28.0994	56.20
2853	90707550000		1	1.00	0.0000 +	0.00
2854	90707610000	GUARNICIONES	1	12.00	0.1391 #	1.67
2855	90707620000		1	10.00	0.0000 +	0.00
2856	90707640000		1	1.00	0.0000 +	0.00
2857	90707660000		1	3.00	0.0000 +	0.00
2858	90707680000		1	12.00	0.0000 +	0.00
2859	90707710000	ANILLO DE GOMA	1	18.00	0.0000 +	0.00
2860	90707730000		1	8.00	0.0000 +	0.00
2861	90707740000	CARTUCHO	1	5.00	0.0000 +	0.00
2862	90707750000		1	1.00	0.0000 +	0.00
2863	90707760000	ANILLO DE GOMA P/FILTRO ACEIT.	1	36.00	10.3895	374.02
2864	90707780000		1	24.00	0.0000 +	0.00
2865	90707790000		1	12.00	0.0000 +	0.00
2866	90707810000		1	13.00	0.0000 +	0.00
2867	90707820000		1	171.00	0.0000 +	0.00
2868	90707840000		1	24.00	0.0000 +	0.00
2869	90707850000	JUNTA	1	16.00	0.0000 +	0.00
2870	90707880000		1	6.00	0.0000 +	0.00
2871	90707910000		1	7.00	0.0000 +	0.00
2872	90707930000		1	20.00	0.0000 +	0.00
2873	90707970000	GUARNICION	1	1.00	0.0000 +	0.00
2874	90708050000		1	2.00	0.0000 +	0.00
2875	90708280000		1	4.00	0.0000 +	0.00
2876	90708290000	BUJE PARA LEVA	1	1.00	15.5535	15.55
2877	90708310000	ANILLO	1	14.00	0.0000 +	0.00
2878	90708320000	ANILLO	1	6.00	0.0000 +	0.00
2879	90708350000		1	1.00	0.0000 +	0.00
2880	90708360000	PISTON BOMBA INYECCION	1	13.00	895.9401	11647.22
2881	90708370000		1	2.00	0.0000 +	0.00
2882	90708390000	ANILLO DE GOMA	1	5.00	0.9341	4.67
2883	90708410000		1	3.00	0.0000 +	0.00
2884	90708430000	ANILLO DE GOMA	1	6.00	0.0348	0.21
2885	90708730000	CANERIA COMBUSTIBLE	1	2.00	0.1391 #	0.28
2886	90708760000	ANILLO DE GOMA	1	4.00	0.3428	1.37
2887	90708840000	ANILLO DE GOMA	1	32.00	3.3871	108.39
2888	90714270000	JUNTA	1	12.00	0.0000 +	0.00
2889	90714330000	JUNTA	1	38.00	0.0000 +	0.00
2890	90721230000		1	25.00	0.5346	13.37
2891	91302720000	TOR.CAB.EX.19,05-10HX57MM.	1	20.00	1.8549	37.10
2892	91303000000	TUERCAS	1	8.00	0.1391 #	1.11
2893	91304580000	JUNTA E/CABEZA CILIND.Y MULTIP	1	1.00	2.8193	2.82
2894	91308540000	TUERCA AC.EX.NC25,5MM-8H	1	8.00	0.8020	6.42
2895	91309250000	JUNTA	1	5.00	0.7018	3.51
2896	91309740000	ACOFIAMIENTO FLEXIBLE	1	3.00	467.5344	1402.60
2897	91309840000	NUCLEO P/RADIADOR	1	24.00	2342.5462	56221.11
2898	91311710000		1	0.00	2.6463	0.00
2899	91312090000	S/D	1	0.00	0.1391 #	0.00
2900	91312110000	S/D	1	0.00	0.8136	0.00

ANEXO

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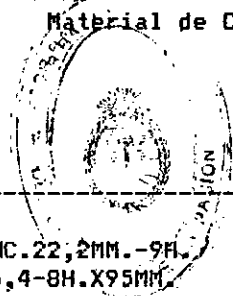
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 51

Línea : 21
Almacén: 213021

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2901	91312980000	JUNTA	1	5.00	2.6429	13.21
2902	91313260000	TUER.AC.EX.SEG.NC.22,2MM.-9H.	1	43.00	4.7281	203.31
2903	91314440000	TOR.CAB.EX.NC.25,4-8H.X95MM	1	20.00	25.7647	515.29
2904	91315050000	SELLO ACEITE	1	6.00	1.0026	6.02
2905	91316050000	PLACA CENTRAL SOLD.CAJA EJE	1	1.00	76.5674	76.57
2906	91316150000	ESCOBILLA DE CARBON	1	55.00	11.8310	650.71
2907	91318230000		1	1.00	0.0000 +	0.00
2908	91653340000	1	1	15.00	0.1391 #	2.09
2909	93099450000		1	10.00	0.0000 +	0.00
2910	93099520000		1	6.00	0.0000 +	0.00
2911	93099540000		1	3.00	0.0000 +	0.00
2912	93099550000		1	1.00	0.0000 +	0.00
2913	93099590000		1	3.00	0.0000 +	0.00
2914	93099600000		1	5.00	0.0000 +	0.00
2915	93099680000		1	5.00	0.0000 +	0.00
2916	93206470000	S/D	1	10.00	0.1391 #	1.39
2917	93240030000	BURLETE DE GOMA P/FIJ. VIDRIO	3	60.00	4.6500	279.00
2918	93240730000	BURLETE	3	0.00	2.0052	0.00
2919	94007200000		1	3.00	0.0000 +	0.00

Subtotal Almacén 1444653.34

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 1

Línea : 21 ROCA

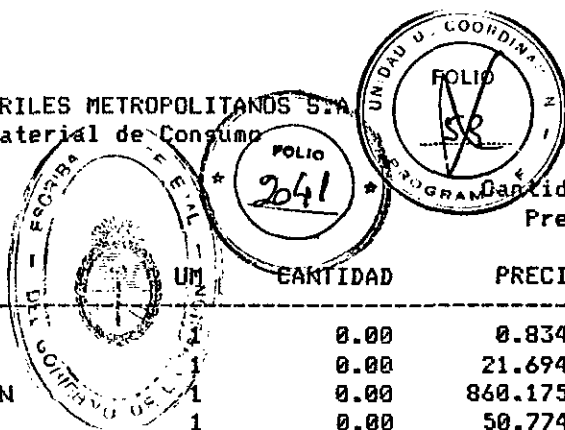
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94

Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1	00270801900	CARBONES		0.00	0.8349	0.00
2	00620102590	TAPA DE ARENERO		0.00	21.6944	0.00
3	00620104110	BOTELLON DE REDUCCION	1	0.00	860.1750	0.00
4	00620104330	FORTA ZAPPATAS	1	0.00	50.7746	0.00
5	00620104370	BUJE	1	0.00	9.1231	0.00
6	00620104410	PERNO TIMONERIA FRENO	1	0.00	12.8871	0.00
7	00620104530	PERNO TIMONERIA FRENO	1	0.00	3.3253	0.00
8	00620104630	BUJE	1	0.00	0.8518	0.00
9	00620104650	PERNO TIMONERIA FRENO	1	0.00	4.3878	0.00
10	00620104690	PERNO TIMONERIA FRENO	1	0.00	7.1596	0.00
11	00620200150	VIDRIO PUERTA CABINA	1	0.00	15.0394	0.00
12	00620200190	VIDRIO PANEL TRASERO	1	0.00	32.0841	0.00
13	00620200310	VIDRIO LAT.FIJO DEL.DER.IZQ.	1	0.00	10.0262	0.00
14	00620200350	VIDRIO LATERAL CORREDIZO	1	0.00	13.0341	0.00
15	00620205030	BORNE P/FUSIBLE	1	0.00	4.0105	0.00
16	00620205690	VAL.TERMOSTATICA PERSIANA	1	0.00	422.2061	0.00
17	00630500010	FILTRO	1	0.00	3816.6753	0.00
18	00630802560	AMORTIGUADOR	1	0.00	0.1391 #	0.00
19	00630802780	TAPON	1	0.00	0.1391 #	0.00
20	00640200530	RETEN DE ACEITE	1	0.00	94.4362	0.00
21	00640201090	BOMBA ACEITE CONVERTIDOR	1	0.00	0.0000 +	0.00
22	00640206410	ARO SELLO	1	0.00	5.6035	0.00
23	00640210250	FLEXIBLE NPT 1" x 1150mm.	1	0.00	67.8812	0.00
24	00640302230	ESLABON DE PALANCA	1	0.00	17.6549	0.00
25	00640304450	RODAMIENTO A BOLILLA	1	0.00	61.7958	0.00
26	00640400030	CARDAN	1	0.00	9362.4820	0.00
27	00640601210	ARBOL DESLIZANTE	1	0.00	99.2251	0.00
28	00640602280	1	1	0.00	142.1499	0.00
29	00640602290	PISTON INVERSOR	1	0.00	718.0622	0.00
30	00640602320	JUNTA DE PRESION	1	0.00	148.3980	0.00
31	00640602330	GUIA DE PISTON	1	0.00	4.2471	0.00
32	00640602340	RETEN N18-8	1	0.00	4.7786	0.00
33	00640602400	RETEN	1	0.00	0.8048	0.00
34	00640604430	VALV.PALPADORA DE MARCHA	1	0.00	2494.3885	0.00
35	00640605650	INTERRUPTOR DE TOPE	1	0.00	37.2230	0.00
36	00640606100	BOMBA CORMA	1	0.00	10599.8866	0.00
37	00640606150	FLEXIBLE	1	0.00	84.9616	0.00
38	00640800050	TUBO FLEXIBLE	1	0.00	27.4003	0.00
39	00640800070	CASQUILLO BIELA COMANDO	1	0.00	209.3389	0.00
40	00640800110	BUJE (DIAM.INT.DESVASTADO)	1	0.00	42.9922	0.00
41	00640800150	BUJE (DIAM.INT.DESVASTADO)	1	0.00	72.5801	0.00
42	00650100270	CULATA	1	0.00	48.7295	0.00
43	00650100470	CILINDRO 90mm. DE DIAM.	1	0.00	488.2786	0.00
44	00650101030	COJINETE DE BIELA	1	0.00	24.6164	0.00
45	00650101170	ANILLO	1	0.00	32.5504	0.00
46	00650101190	SEGMENTO M.(STD) 90 X 2,5	1	0.00	51.3312	0.00
47	00650101210	SEGMENTO M.(STD) 90 X 2,5	1	0.00	51.3312	0.00
48	00650101230	SEGMENTO DE BARRIDO	1	0.00	72.2387	0.00
49	00650101280	CORREA C.69	1	0.00	0.0000 +	0.00
50	00650101290	CORREA G.83,5	1	0.00	10.0262	0.00
51	00650101350	FILTRO DE AIRE	1	0.00	1098.8239	0.00
52	00650104030	1/2 COJINETE PALIERS CENTRAL	1	0.00	87.0869	0.00
53	00650106310	FILTRO DE ACEITE	1	0.00	3.2986	0.00
54	00650107250	CAMISA BAJA PRESION	1	0.00	413.8736	0.00
55	00650107550	AROS DE COMPRESION	1	0.00	13.3061	0.00
56	00650107570	AROS DE BARRIDO	1	0.00	19.0981	0.00
57	00650107690		1	0.00	0.0000 +	0.00
58	00650107800		1	0.00	0.0000 +	0.00



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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

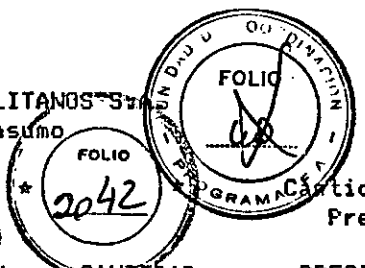
Página: 2

Línea : 21 ROCA

Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94

Precios al: 31/07/94



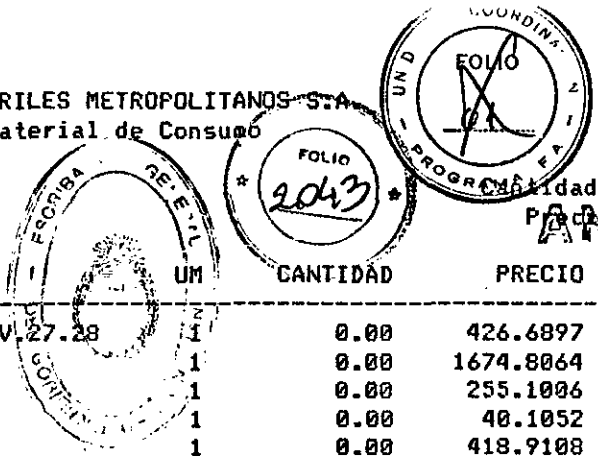
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
59	00650108070	CAJA VALV.TIPO 4.A.P/COMPRESOR	1	0.00	653.2054	0.00
60	00650108090	CAJA VAL.TIPO 4.A.P/COMPRESOR	1	0.00	653.2054	0.00
61	00650108610	CAJA VAL.TIPO 2.A.P/COMPRESOR	1	0.00	847.1234	0.00
62	00650108620	CAJA VAL.TIPO 2.A.P/COMPRESOR	1	0.00	511.1480	0.00
63	00650110270	CORREA TRAPESOIDE 22/112	1	0.00	7.0183	0.00
64	00650110410	FILTRO DE AIRE	1	0.00	1228.5518	0.00
65	00650200010	REGULADOR	1	0.00	345.9569	0.00
66	00650202010	REGULADOR R20 COMP.	1	0.00	2384.8580	0.00
67	00650203010	SOPORTE P/REGULADOR R.2.B.	1	0.00	146.9301	0.00
68	00650301010	GRIFO DE ESFERA	1	0.00	0.1391 #	0.00
69	00650301250	ANGULO SOPORTE P/GRIFO	1	0.00	0.1391 #	0.00
70	00650301510	GRIFO INTERRUPCION A ESFERA	1	0.00	143.7090	0.00
71	00650301770	SOPORTE INTERR. A ESFERA	1	0.00	133.4119	0.00
72	00650302010	SEPARADOR CENTRIFUGO ACEITE	1	0.00	3561.9461	0.00
73	00650303010	GRIFO DE CIERRE	1	0.00	92.3827	0.00
74	00650304410	UNION C/ORIFICIO CALIBRADO	1	0.00	942.2923	0.00
75	00650305010	DISTRIBUIDOR 4/2 COMP.	1	0.00	3317.6388	0.00
76	00650306150	REDUCCION	1	0.00	36.9528	0.00
77	00650306510	GRIFO CIERRE DISTRIBUIDOR C/LL	1	0.00	441.3926	0.00
78	00650307210	DISTRIBUIDOR 3/2 NW7	1	0.00	61.7014	0.00
79	00650308010	GRIFO DE CIERRE	1	0.00	110.8600	0.00
80	00650308910	FILTRO DE AIRE.GR014	1	0.00	0.2540	0.00
81	00650309750	FILTRO CENTRIFUGADO	1	0.00	2785.3332	0.00
82	00650310510	FILTRO DE AIRE	1	0.00	1824.2905	0.00
83	00650311210	BOLSA DE VACIADO	1	0.00	1664.9777	0.00
84	00650311810	SERVO DE ENSERROJAMIENTO	1	0.00	1928.4240	0.00
85	00650312510	FLEXIBLE	1	0.00	45.6432	0.00
86	00650312530	FLEXIBLE	1	0.00	219.6694	0.00
87	00650312550	FLEXIBLE	1	0.00	219.6694	0.00
88	00650313450	EMPALMADOR	1	0.00	12.3166	0.00
89	00650313510		1	0.00	147.8768	0.00
90	00650313650	FLEXIBLE	1	0.00	83.1499	0.00
91	00650313910	DEPOSITO 150 LTS	1	0.00	730.5749	0.00
92	00650314010	DEPOSITO 5 LTS	1	0.00	0.1391 #	0.00
93	00650314050	DEPOSITO 75 LTS.	1	0.00	0.3388	0.00
94	00650316510	CILINDRI DE FRENO	1	0.00	3042.5374	0.00
95	00650320910	SELECTOR DE CIRCUITO	1	0.00	131.3908	0.00
96	00650325410	JUEGO DE RECAMBIO	1	0.00	503.7690	0.00
97	00650325710	UNION	1	0.00	53.1791	0.00
98	00650400010	GRIFO DE FRENO DERECHO	1	0.00	1465.8368	0.00
99	00650400030	VALVULA MECANICA	1	0.00	1465.8368	0.00
100	00650401010	GRIFO	1	0.00	6620.1241	0.00
101	00650403270	EMPUNADURA COMANDO	1	0.00	0.4752	0.00
102	00650403950	TAPON CON ARANDELA	1	0.00	88.2772	0.00
103	00650500010	SELECTOR DOBLE VAL.CIL.FRENO	1	0.00	2020.1467	0.00
104	00650500610	VALVULA RELE	1	0.00	1704.6559	0.00
105	00650502010	VALVULA RETENCION	1	0.00	407.9114	0.00
106	00650503710	JUEGO PIEZA VAL.RELE 26	1	0.00	0.0000 +	0.00
107	00650504210	VALVULA DE RETENCION	1	0.00	117.0191	0.00
108	00650504410	CONJ.VALVULA RETENCION	1	0.00	0.1391 #	0.00
109	00650507510	SOFAPA DE SEGURIDAD	1	0.00	0.0000 +	0.00
110	00650600010	DISTRIBUIDOR DE ARENA	1	0.00	1346.7630	0.00
111	00650600510	VAL.DE PURGA SIN ESCAPE	1	0.00	632.3209	0.00
112	00650601310	VALVULA DE DESCARGA	1	0.00	552.2544	0.00
113	00650700070	RELEVADOR TEMPORIZADO T.2106	1	0.00	244.4425	0.00
114	00650700150	ALARMA ACATICA 8	1	0.00	42.3341	0.00
115	00650700210	BASO II	1	0.00	0.1927	0.00
116	00660200010	VELOCIMETRO	1	0.00	425.2432	0.00

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Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Plazo de Validación al: 31/08/94
Plazo de Validación al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
117	00660200310	SENSIBLE P/GOMA 1.2.V.27.28	1	0.00	426.6897	0.00
118	00660201010	TAQUIMETRO	1	0.00	1674.8064	0.00
119	00660201210	SENSIBLE	1	0.00	255.1006	0.00
120	00660201500	VOLTIMETRO	1	0.00	40.1052	0.00
121	00660201550	MANOMETRO	1	0.00	418.9108	0.00
122	00660201910	SENSIBLE U.7	1	0.00	389.5733	0.00
123	00660202250	TRANSMISOR P/MANOMETRO P/AIRE	1	0.00	485.9849	0.00
124	00660202650	SENSIBLE P/MANOM. U.15.21.25	1	0.00	440.1560	0.00
125	00660203110	TERMOMETRO ELEC.P/ACEITE CONV.	1	0.00	32.8052	0.00
126	00660203140	TERMOMETRO ACEITE CONVERTIDOR	1	0.00	364.2853	0.00
127	00660203210	SENSIBLE U.13.19	1	0.00	432.8582	0.00
128	00660301010	PULSADOR	1	0.00	5.0131	0.00
129	00660302390	MANOMETRO PRES-ACEITE MOTOR	1	0.00	201.9839	0.00
130	00660302410	MANOMETRO PRES-ACEITE REDUCT.	1	0.00	302.2126	0.00
131	00660500030	ELECTRODISTRIBUIDOR	1	0.00	2.3669	0.00
132	00660500050	ELECTROVALVULA 58 M.A.	1	0.00	4992.0813	0.00
133	00660500630	CONJUNTO REPARACION	1	0.00	10.3376	0.00
134	00660500770	ELEC.VAL.CAM.TONO BOCINA S.11	1	0.00	947.8874	0.00
135	00660501210	ELECTROVAL.B.P.A.MOTOR DIESEL	1	0.00	1187.1701	0.00
136	00660507700		1	0.00	0.0000 +	0.00
137	00660700010	RELAY C.A.2 FN 244	1	0.00	191.7136	0.00
138	00660700110	RELAY C.A.2 FN 240	1	0.00	191.7136	0.00
139	00660700210	RELAY C.A.2 FN 222	1	0.00	191.7136	0.00
140	00660700410	RELEVADOR P/ACOPLE AT.AD.	1	0.00	243.9531	0.00
141	006610000950	TERMO CONTACTO	1	0.00	20.5727	0.00
142	00670100070	RODAMIENTO	1	0.00	41.8266	0.00
143	00672200030	MOTOR 24 V.CC	1	0.00	423.0493	0.00
144	00680200230	LAMPARA LUZ CABECERA	1	0.00	0.3007	0.00
145	00680200590	LAMPARA 24 V.	1	0.00	0.3007	0.00
146	00680400470	PROLONGADOR 17 CONTACTO H.23	1	0.00	2.3669	0.00
147	008000000510	BOMBA TRANSF.COMBUSTIBLE C/MOT	1	0.00	0.1391 #	0.00
148	008000000550	BOMBA TRANS.COMBUSTIBLE.	1	0.00	1856.9625	0.00
149	008101000970	ESPACIADOR E/ENGR. Y RUEDA	1	50.00	188.7549	9437.75
150	00810101750	SELLO DE RETEN	1	6.00	25.9024	155.41
151	00810102570	PLACA POSTERIOR 50,8MM X 260,3	1	0.00	31.3544	0.00
152	00810102610	PLACA FRONT.41,3MM X 146,05	1	32.00	26.5716	850.29
153	00810102630	TAPA DEL EXTREMO POSTERIOR	1	15.00	159.1524	2387.29
154	00810102650	JUNTA E/TAPA EXT.POST.CAJA EJE	1	15.00	0.1391 #	2.09
155	00810102710	PISTA EXT.MANGUITO RODAMIENTO	1	30.00	1774.5462	53236.39
156	00810102750	ESPESOR E/TAPA FRONT.CAJA EJE	1	15.00	0.1391 #	2.09
157	00810103050	RODILLO MANGUITO RODAMIENTO	1	169.00	0.1391 #	23.51
158	00810103090	ANILLO SEPARADOR E/PISTAS INT.	1	12.00	0.1391 #	1.67
159	00810103230	PLACA DESGASTE	1	19.00	32.7769	622.76
160	00810103710	BUJE DE 31,75/41,27 MM	1	10.00	0.1391 #	1.39
161	00810104950	ALMOHADILLA P/TOPE MESA FLOT.	1	0.00	28.4872	0.00
162	00810105410	ATAGUIA	1	0.00	66.1528	0.00
163	00810105750	RESORT.DOUBLE ESP.E/MESA Y BAST	1	1.00	245.6860	245.69
164	00810106380	RESORTE DBLE ESPIGA P.SUSPEN.	1	13.00	440.0338	5720.44
165	00810106630	AMORTIGUADOR P.SUSP.L.DER.E IZ	1	0.00	301.9121	0.00
166	00810106650	BUJE PARA AMORTIGUADOR	1	10.00	8.0210	80.21
167	00810106670	BUJE DE GOMA P/AMORTIGUADOR	1	10.00	2.4062	24.06
168	00810107510	PLACA DESGAS.Z/DISPOSIT.FRICC.	1	4.00	0.1391 #	0.56
169	00810107530	PLACA DESG. EN ZONA DISP.FRICC	1	20.00	0.1391 #	2.78
170	00810108690	LEVA P/ZAPATA DERECHA COMP.*	1	1.00	0.1391 #	0.14
171	00810108810	COLGADOR DE P/ZAP.COMPLETO	1	32.00	121.4620	3886.78
172	00810109150	MANGUIT.21,79/37,69MM.X 238,91	1	18.00	40.7915	734.25
173	00810110130	PERNO ENTRE PORTA ZAPATAS	1	28.00	15.0394	421.10
174	00810110150	PERNO ENTRE PORTA ZAPAT	1	0.00	15.0394	0.00

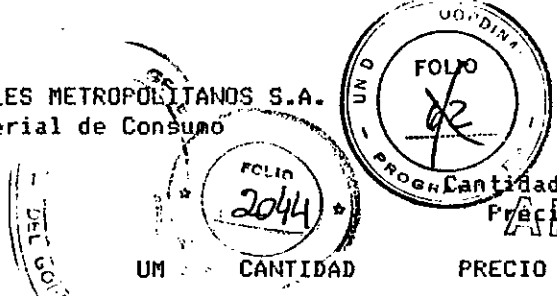
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Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
175	00810111490	ALOJAMIENTO DEL REGISTRO	1	1.00	204.3571	204.36
176	00810111610	TORNILLO ESP.DEL REGISTRO	1	17.00	3.9703	67.50
177	00810111910	REGULADOR DE JUEGO LADO FRONT.	1	0.00	120.3156	0.00
178	00810113530	ABRAZADERA PARA GUARDAPOLVO	1	6.00	0.1391 #	0.83
179	00810114490	CAJA ENGRANAJE MITAD SUP.COMP.	1	8.00	441.5304	3532.24
180	00810114550	CAJA ENGRANAJE MITAD INFERIOR	1	0.00	441.5304	0.00
181	00810114630	TAPA COMP. LLENADOR DE GRASA	1	0.00	28.6650	0.00
182	00820101700	GANCHO DE TRACCION COMPLETO	1	13.00	669.9429	8709.26
183	00820220430	VIDRIO	1	0.00	9.1238	0.00
184	00820221350	VIDRIO F/VENT.6,35X577,8X711,1	1	0.00	90.3987	0.00
185	00820223070	VIDRIO F/VENT.FIJA LATERAL	1	23.00	6.6173	152.20
186	00820223130	VIDRIO F/VENT.6,35X439,7X630MM	1	0.00	14.0368	0.00
187	00820223170	VIDRIO 6,35 X 366,7 X 646,1MM.	1	0.00	53.8081	0.00
188	00820223210	VIDRIO F/VENT.FRENT.CAB.CENTRA	1	0.00	61.4612	0.00
189	00820223230	VIDRIO LAMINOSO 14,2X676,2	1	0.00	133.1063	0.00
190	00820223270	VIDRIO LAMINOSO	1	5.00	96.8558	484.28
191	00820225250	VIDRIO LAMINOSO	1	0.00	11.4199	0.00
192	00820225260	VIDRIO LAMINOSO	1	0.00	10.7095	0.00
193	00830100010	MOTOR DIESEL COMP.12CIL.	1	0.00	17796.3638	0.00
194	00830202070	BARRA TRANSVERSAL.	1	13.00	0.1391 #	1.81
195	00830202170	JUNTA DE TAPA INSPECCION.	1	12.00	1.4037	16.84
196	00830204330	CILINDRO COMPLETO	1	6.00	3384.5462	20307.28
197	00830204810	CILINDRO RECUPERADO P/CROMADO	1	7.00	997.9285	6985.50
198	00830204870	CILINDRO RECTIF.A 1RA.	1	0.00	0.1391 #	0.00
199	00830204910	CILINDRO RECTIFICADO	1	0.00	0.3500	0.00
200	00830205270	CABEZA DE CILINDROS C/VALVULAS	1	0.00	1704.4721	0.00
201	00830206220	JUEGO DE JUNTAS ENTRE CAB Y C.	1	113.00	86.2988	9751.76
202	00830207110	AJUSTADOR HIDRAULICO,COMPLETO	1	43.00	13.4552	578.57
203	00830210010	CERROJO ARTICULACION CUBIERTA.	1	32.00	17.0575	545.84
204	00830300870	COJINETE SUPERIOR DE BANCADA.	1	0.00	332.4228	0.00
205	00830301010	COJINETE BANCADA CENTRAL INF.	1	0.00	575.7467	0.00
206	00830301950	BIELA PATIN DERECHA	1	0.00	902.3675	0.00
207	00830302070	COJINETE BIELA SUPERIOR	1	2.00	271.4600	542.92
208	00830302090	COJINETE DE BIELA INFERIOR	1	55.00	176.4100	9702.55
209	00830302150	COJINETE BIELA SUPERIOR	1	4.00	1505.5239	6022.10
210	00830302190	COJINETE BIELA INFERIOR	1	25.00	427.6106	10690.27
211	00830302250	COJINETE SUPERIOR DE BIELA	1	0.00	1505.5239	0.00
212	00830302290	COJINETE BIELA INFERIOR,	1	5.00	518.0334	2590.17
213	00830302870	TORNILLO DE 1/2" CAB.EXAGONAL	1	40.00	3.5092	140.37
214	00830303570	PISTON	1	0.00	222.7548	0.00
215	00830303610	JUEGO DE AROS STD.	1	0.00	200.5261	0.00
216	00830303620	JGO.AROS	1	0.00	200.5261	0.00
217	00830303950	PISTON CON AROS S/M.0,76MM	1	0.00	961.1850	0.00
218	00830303970		1	7.00	0.0000 +	0.00
219	00830304190	JUEGO DE AROS S/M 0,76 MM.	1	0.00	200.5261	0.00
220	00830304610	PISTON CON AROS S/M 1,52MM	1	5.00	1183.1041	5915.52
221	00830304630		1	16.00	0.0000 +	0.00
222	00830304650		1	16.00	0.0000 +	0.00
223	00830305650	JUEGO DE AROS DE PISTON	1	7.00	34.7798	257.46
224	00830305710	PORTA PISTON	1	8.00	594.8106	4758.48
225	00830305790	ARANDELA DE EMPUJE	1	0.00	30.0087	0.00
226	00830405030	BUJE EN MITADES SUP. INF.	1	120.00	5.7878	694.54
227	00830410950	CUERPO DE LA VALVULA	1	47.00	20.0305	941.43
228	00830501890	JUNTA ENTRE SOPORTE Y VENTIL.	1	2.00	6.0158	12.03
229	00830521010	FILTRO DE AIRE DE PUERTAS	1	4.00	621.5078	2486.03
230	00830521110	FILTRO EN BANDO DE ACEITE	1	5.00	776.0361	3880.18
231	00830600010	INYECTOR COMPLETO	1	1.00	0.1391 #	0.14
232	00830600110	INYECTOR COMPLETO (FL.A352)	1	28.00	511.3416	14317.56



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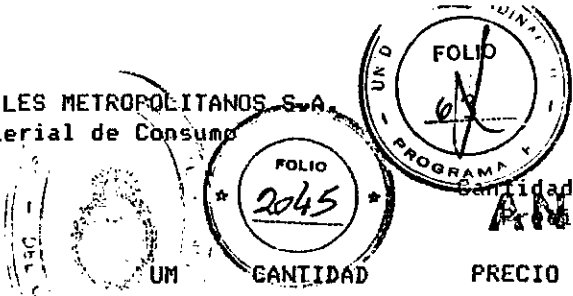
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 5

Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94
ANEXO 1/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
233	00830600160	JUEGO REPARACION	1	0.00	0.1391 #	0.00
234	00830604750	TUBERIA COMP.COMBUSTIBLE.	1	16.00	54.1420	866.27
235	00830606470	VASO DE VIDRIO P/INSPECCION	1	0.00	10.3281	0.00
236	00830607630	ELEMENTO FILTRANTE.-	1	0.00	9.5952	0.00
237	00830608220	TORNILLO	1	14.00	89.3441	1250.82
238	00830610530	VOLANTE DEL VAST.DE VALVULA	1	73.00	3.8075	277.95
239	00830612410	ELEMENTO DE FILTRO	1	115.00	5.0344	578.96
240	00830612450	JUNTA ENTRE TAPA Y CAJA	1	1480.00	2.3211	3435.23
241	00830702030	JUNTAS P/BOMBAS PRESION ACEITE	1	4.00	17.8321	71.33
242	00830705330	CODO	1	1.00	0.9821	0.98
243	00830707210	CAÑO ACEITE P/ENFRIAM.PISTON	1	4.00	54.1420	216.57
244	00830711650	JUEGO DE JUNTAS P/FILTRO DE AC	1	0.00	0.1391 #	0.00
245	00830713150	JUNTA DE LA TAPA FILTRO	1	14.00	1.6574	23.20
246	00830800010	BOMBA COMP.LADO IZQ.P/AGUA	1	0.00	4147.6073	0.00
247	00830800030	BOMBA COMP.DERECHA DE AGUA	1	0.00	0.2035	0.00
248	00830800090	BOMBA DE AGUA	1	0.00	0.0000 +	0.00
249	00830800100	IMPULSOR DE LA BOMBA	1	0.00	60.1578	0.00
250	00830800410	IMPULSOR P/BOMBA DE AGUA	1	0.00	261.9054	0.00
251	00830800590	JUNTA ENTRE BUJE Y ALOJAMIENTO	1	26.00	0.2263	5.88
252	00830800610	TORNILLO DE 5/16"	1	0.00	1.5039	0.00
253	00830800690	SELLO INTERIOR,DE CARBON	1	36.00	29.9149	1076.94
254	00830800700	SELLO DE BOMBA DE AGUA	1	0.00	6.9683	0.00
255	00830800730	RETEN EMPAQUETADURA DE BRONCE	1	0.00	3.0079	0.00
256	00830800750	RESORTE DEL SELLO RETEN	1	60.00	12.1622	729.73
257	00830800930	FIELTRO 91,5X9X2,3MM P/LUBRICA	1	2.00	5.7272	11.45
258	00830800970	RODAMIENTO A BOLILLAS	1	31.00	6.0158	186.49
259	00830801090	EJE PARA LA BOMBA DE AGUA.	1	0.00	230.6548	0.00
260	00830801110	IMPULSOR DE BOMBA DE 37 DIEN.	1	2.00	0.1391 #	0.28
261	00830801590	JUEGO DE JUNTA P/BOMBA AGUA	1	0.00	15.0909	0.00
262	00830801650	ARO "O" DE GOMA	1	6.00	0.1391 #	0.83
263	00830801670	PLACA DE FRICCION	1	38.00	0.1391 #	5.29
264	00830803430	SELLO E/CODO DE BOMBA AL BLOCK	1	22.00	1.9326	42.52
265	00830903650	JUNTA	1	60.00	0.1391 #	8.35
266	00830803870	JUNTA ENTRE BRIDA Y CODO	1	60.00	1.1145	66.87
267	00830805410	JUNTA ENTRE TAPA Y NUCLEO	1	40.00	37.8339	1513.36
268	00830806790	TERMOSTATO MONT.S/INC.DE VELOC	1	3.00	703.9905	2111.97
269	00830807030	TERMOSTATO.	1	8.00	77.1621	617.30
270	00830807210	TERMOSTATO P/ALARMA DE MOTOR	1	1.00	593.4013	593.40
271	00830807250	TERMOSTATO PARA TEMPERATURA	1	0.00	760.9626	0.00
272	00830808610	JUNTA E/TANQ.AGUA Y SAL.RADIA.	1	0.00	5.2049	0.00
273	00830812310	ENFRIADOR DE ACEITE	1	0.00	2.5803	0.00
274	00830812390	TORNILLO E/CAB.Y NUCLEO 1/2"	1	192.00	21.3412	4097.51
275	00830812770	TUBO NIVEL 3/4" X 5/8"	1	0.00	6.7490	0.00
276	00830814350	TUBO DE VIDRIO P/MEDID.15.3/8"	1	0.00	0.1391 #	0.00
277	00830814870	JUNTA E/VALVULA Y BRIDA ACOP.	1	14.00	8.5805	120.13
278	00830819690	ACOPLAMIENTO COMP.	1	6.00	0.1391 #	0.83
279	00830819950	SELLO DE GOMA	1	2.00	8.5925	17.19
280	00830901710	ENGRANAJE COMPLETO	1	6.00	0.1391 #	0.83
281	00830906410	EQUIPO ELECTRICO DE POTENCIA	1	4.00	150.3945	601.58
282	00830909490	ELASTOMERO FAB403	1	0.00	0.1391 #	0.00
283	00830909610	TORNILLO NF.6,35 MM.-28 H.	1	0.00	1.1411	0.00
284	00830912900	SELLO ACEITE	1	0.00	0.7212	0.00
285	00840600670	COJINETE COMP.P/PIÑON SALIDA	1	13.00	0.1391 #	1.81
286	00840600710	RODILLO CONICO EXTERIOR	1	1.00	0.1391 #	0.14
287	00840601030	PISTA CONICA INTERIOR	1	1.00	0.1391 #	0.14
288	00850103970	AROS	1	0.00	63.5477	0.00
289	00850104870	JUNTA	1	8.00	2.7698	22.16
290	00850104890	JUNTA	1	134.00	1.6018	241.44

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 6

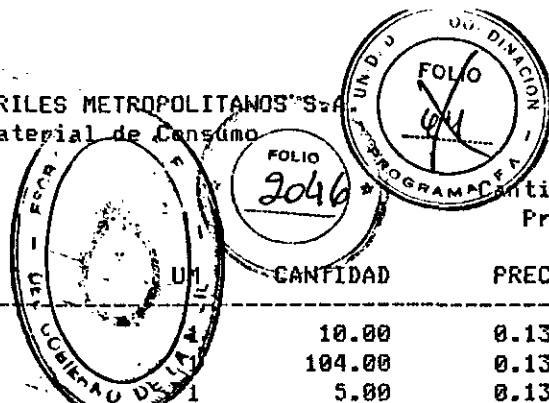
Línea : 21 ROCA

Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94

Precio: 31/08/94

ANEXO



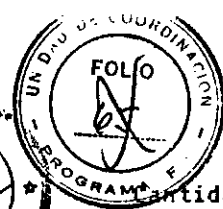
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291	00850106670	ARO COMPRES.		10.00	0.1391 #	1.39
292	00850106710	ARO COMP.		104.00	0.1391 #	14.47
293	00850109870	FIELTRO	1	5.00	0.1391 #	0.70
294	00850109890	CUERPO	1	0.00	273.8685	0.00
295	00850110170	EXENTRICO	1	23.00	341.8970	7863.63
296	00850114050	VALVULA	1	0.00	228.5997	0.00
297	00850114070	VALVULA ALTA	1	5.00	228.5997	1143.00
298	00850114170	ASIENTO	1	6.00	201.7632	1210.58
299	00850114190	ASIENTO	1	4.00	18.0400	72.16
300	00850114210	ASIENTO P/VALAV.	1	6.00	19.3722	116.23
301	00850114390	JUNTA	1	83.00	1.5960	132.47
302	00850114590	GRAFPA	1	21.00	0.1391 #	2.92
303	00850114690	GRAFPA	1	1.00	92.2801	92.28
304	00850114810	GRAFPA	1	16.00	280.0388	4480.62
305	00850115970	EMBOLO	1	13.00	50.8100	660.53
306	00850119250	ELEMENTO	1	60.00	0.1391 #	8.35
307	00850120030	FILTRO	1	2.00	0.1391 #	0.28
308	00850123430	BUJE DE GOMA	1	38.00	0.0000 +	0.00
309	00850316650	CILINDRO	1	9.00	636.4488	5728.04
310	00850316950	CILINDRO	1	3.00	245.9500	737.85
311	00850503330	BUJE	1	8.00	0.0000 +	0.00
312	00850503390	VALVULA	1	4.00	0.0000 +	0.00
313	00850504100	TAPA	1	0.00	0.1391 #	0.00
314	00850611050	MOTOR L. PARABRISAS	1	0.00	92.6302	0.00
315	00850611090	MOTOR L. PARABRISAS	1	0.00	92.6302	0.00
316	00850612250	JUEGO REP. PIEZAS MOTOR	1	9.00	4.2696	38.43
317	00850612330	BRAZO PARALELOGRAMO	1	0.00	26.7139	0.00
318	00850612830	DIAFRAGMA	1	10.00	28.9961	289.96
319	00850616510	CILINDRO P/OPERADOR PERSIANA	1	6.00	446.1706	2677.02
320	00860100030	MECANISMO CONTROLLER S/FRENO D	1	1.00	7200.1111	7200.11
321	00860100510	RETEN DE BOLILLA.	1	4.00	10.0262	40.10
322	00860103930	TORNILLO CABEZA PERDIDA	1	210.00	0.1756	36.88
323	00860104010	PLACA INDICADORA INTERRUPTORES	1	23.00	190.2100	4374.83
324	00860104330	PALANCA INVERSORA DE MARCHA	1	6.00	40.0325	240.20
325	00860107030	CONTACTO MOVIL	1	0.00	0.1391 #	0.00
326	00860200010	AMPERIMETRO P/CARGA BATERIA	1	0.00	312.8007	0.00
327	00860200050	AMPERIMETRO PARA CARGA DE BAT.	1	1.00	916.0450	916.05
328	00860200090	AMPERIMETRO INDICADOR	1	0.00	128.8789	0.00
329	00860200130	AMPERIMETRO MOTOR TRACCION	1	0.00	401.8662	0.00
330	00860200210	AMPERIMETRO	1	1.00	0.0000 +	0.00
331	00860200850	MANOMETRO ESCALA 0 A 11 KGS	1	3.00	137.8216	413.46
332	00860200890	MANOMETRO DE PRESION 0-160LBS.	1	0.00	323.2716	0.00
333	00860200930	MANOMETRO ESCALA 0 A 11 KGS.	1	1.00	21.2306	21.23
334	00860200970	MANOMETRO DE VAL.SIMPLE AGUJA	1	0.00	27.6861	0.00
335	00860201070	MANOMETRO:	1	1.00	21.6128	21.61
336	00860201170	VACUOMETRO TUBERIA DE VACIO	1	2.00	0.1391 #	0.28
337	00860203030	TERMOMETRO TEMP.AGUA MOTOR.	1	14.00	47.2038	660.85
338	00860300070	LLAVE TERMO MAG.CALEFAC.DE CAB	1	0.00	242.2707	0.00
339	00860300430	LLAVE ROTATIVA 30 A 230 V.	1	3.00	119.7040	359.11
340	00860300570	LLAVE ROTATIVA CEBAR-ARRANQUE	1	1.00	122.3209	122.32
341	00860300610	LLAVE DE INDEPENDIZAR	1	22.00	148.4896	3266.77
342	00860300630	LLAVE DE ARRANQUE Y PARADA	1	14.00	43.4560	608.38
343	00860301270	LLAVE DE CORREDERA(PL.9122 FL)	1	10.00	5.0131	50.13
344	00860301290	LLAVE DE 2 A.115 V.P/ARENAM.	1	1.00	127.3741	127.37
345	00860301350	LLAVE CORTE COMBUST.DE EMERGEN	1	25.00	416.4277	10410.69
346	00860301370	LLAVE P/CAMPO DE GENERADOR	1	0.00	97.7828	0.00
347	00860301450	LLAVE RESTABLECEDORA DE TIERRA	1	4.00	55.0196	220.08
348	00860301720	INTERRUPTOR ROTATIVO 4 POSIC.	1	1.00	65.1710	65.17

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Material de Consumo



Página: 7

Línea : 21 ROCA

Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94
Precios al: 31/07/94

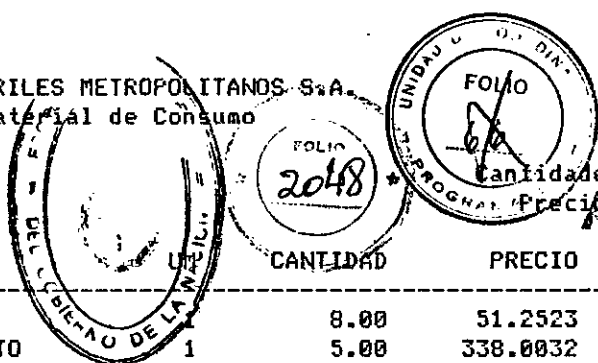
ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
349	00860301830	INTERRUPTOR TB.	0.00	521.5384	0.00	
350	00860302030	INTERRUPTOR DE VOLQ.P/L	1	44.4666	0.00	
351	00860302250	LLAVE CUCHILLA P/GENERADOR	1	0.0000 +	0.00	
352	00860305570	INTERRUPTOR	1	1.00	0.0000 +	0.00
353	00860307110	CONTACTO	1	20.00	0.0000 +	0.00
354	00860401030	REGULADOR DE VOLTAJE ESTATICO	1	0.00	1509.4604	0.00
355	00860401250	PANEL CIRCUITO DE VOLTAJE	1	2.00	0.1391 #	0.28
356	00860401330	DIODO ZENER Z 1 Z 2	1	6.00	0.1391 #	0.83
357	00860401350	DIODO ZENER SILCON Z3	1	6.00	14.8213	88.93
358	00860401410	RESISTENCIA TUBO R2 R3 300 OH.	1	0.00	9.6657	0.00
359	00860401450	RESISTENCIA TUBO R7	1	8.00	0.1391 #	1.11
360	00860402050	CAPACITOR DE 10 M.F.D.150 V.	1	2.00	5.0131	10.03
361	00860402150	RELE AUXILIAR	1	2.00	107.1210	214.24
362	00860402280	REOSTATO 2 OHMS.- 25 W.	1	3.00	0.1391 #	0.42
363	00860402540	RECTIFICADOR	1	4.00	9.4125	37.65
364	00860404030	REGULADOR DE CARGAA,COMPLETO	1	0.00	23867.0689	0.00
365	00860404250	RESISTENCIA DE 3 SECC.0,40 OHM	1	6.00	50.1314	300.79
366	00860404270	RESIST.DE 3 SECC.0,50 OHMS.P/S	1	6.00	50.1314	300.79
367	00860501010	VALVULA MAG.P/CONTROL Y ATS.	1	2.00	0.0000 +	0.00
368	00860504810	VALV.MAGN.P/ARENADO MARCH.ADEL	1	2.00	501.3152	1002.63
369	00860600110	BASE CONTACTO SUP.C/CONTACTOS	1	10.00	178.8592	1788.59
370	00860600230	BASE CONTACTO INFERIOR	1	4.00	265.8976	1063.59
371	00860600890	PORTA CONTACTO MOVIL	1	0.00	557.3979	0.00
372	00860600990	ESCOBILLAS DE CONTACTO.	1	5.00	151.4366	757.18
373	00860601090	MONTAJE CONTACTO ESTACIONARIO.	1	2.00	19.8520	39.70
374	00860601190	ARANDELA RETEN DE LA BOBINA.	1	20.00	0.5013	10.03
375	00860601410	TAPA	1	3.00	23.7723	71.32
376	00860606950	CONTACTOR"BF" -CONTACTO 1000 A	1	0.00	1181.0989	0.00
377	00860611010	CONTACTOR FS 1-2 SHUNTADO CAMP	1	0.00	2306.0504	0.00
378	00860611150	ARO DE RETENCION MAGNETIZADO	1	16.00	6.3222	101.16
379	00860612210	RESISTENCIA DE 65 OHMS	1	2.00	0.1391 #	0.28
380	00860612910	CONTACTOR POT. P36-14-S13	1	8.00	4424.1620	35393.30
381	00860612930	CONTACTOR DE POTENCIA P.25	1	2.00	11112.7376	22225.48
382	00860612970	PROTECTOR DE ARCO	1	11.00	0.1391 #	1.53
383	00860613700	CONTACTO	1	2.00	0.0000 +	0.00
384	00860614030	FLACA DERECHA	1	10.00	0.1391 #	1.39
385	00860614290	PASTILLA CONTACTO MOVIL	1	0.00	16.2170	0.00
386	00860619010	CONTACTOR POTENCIA MAGNETICO.	1	1.00	0.1391 #	0.14
387	00860622010	CONTACTOR RESERVA COMPLETO	1	0.00	1115.8561	0.00
388	00860622230	CONTACTO FIJO SIMPLE ASIEN TO	1	2.00	20.0456	40.09
389	00860622970	RESISTENCIA FIJA 50 OHMS.	1	6.00	12.2928	73.76
390	00860623630	CONTACTOR DE SHUNTADO	1	0.00	639.6783	0.00
391	00860623670	CONTACTOR BF COMP.	1	1.00	0.1391 #	0.14
392	00860623690	CONTACTOR DE EXIT.INDEFEN COMP	1	1.00	2295.4938	2295.49
393	00860625810	BUZO MAGNETICO	1	2.00	0.0000 +	0.00
394	00860702210	BOBINA	1	1.00	0.0000 +	0.00
395	00860703310	RELE PATINAJE RUEDAS 1NO-1NC	1	0.00	1067.1298	0.00
396	00860705110	RELE PATINAJE RUEWDAS C/SOPORT	1	0.00	458.0518	0.00
397	00860705410	RELAY	1	0.00	0.1391 #	0.00
398	00860706010	RELE P/USO GRAL.	1	0.00	193.4876	0.00
399	00860709560	TAPA SUPERIOR PARA RELAY	1	17.00	0.1391 #	2.36
400	00860711070	TAPA DEL RELAY G.	1	34.00	0.1391 #	4.73
401	00860713510	RELE GR.	1	1.00	407.2847	407.28
402	00860716730	TAPA DE CONTACTOS	1	1.00	0.1391 #	0.14
403	00860716750	RELAY FPR P/G.12	1	0.00	0.1391 #	0.00
404	00860718870	TAPA COMPLETA INCLUIDA VENTANA	1	10.00	0.1391 #	1.39
405	00860719510	RELE PR.DE TRANSICION PL.5429	1	5.00	1532.5660	7662.83
406	00860720530	RELAY GR. DE TIERKA	1	0.00	4041.6075	0.00

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Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
407	00860720550	TAPA DEL RELAY GRG.	8.00	51.2523	410.02	
408	00860801530	INTERLOCK AUX.COMPLETO	1	338.0032	1690.02	
409	00860801550	INTERLOCK AUX. COMPLETO	1	34.7010	416.41	
410	00860802530	INTERLOCK COMPLETO P/P.25	1	99.2604	198.52	
411	00860804450	INTERLOCK AUXILIAR COMPLETO	1	33.0776	99.23	
412	00860913110	RESISTENCIA DE CARGA DE BATERI	1	0.00	144.4944	0.00
413	00860916750	PANEL CIRCUITO DE FRENO,COMP.	1	0.00	0.0000 +	0.00
414	00860931950	INTERRUP.ROTATIVO P/DESCONEX.*	1	0.00	416.0917	0.00
415	00860962010	RESIST.RELAY PATINAMIENTO 2000	1	0.00	0.1670	0.00
416	00860962090	RESISTENCIA DEL RELAY FTR	1	0.00	0.1391 #	0.00
417	00860962170	RESISTENCIA CAMPO 15 OHMS	1	1.00	163.2344	163.23
418	00860962750	RESISTENCIA 7.9 OHMS	1	21.00	0.1391 #	2.92
419	00860962830	RESIST. 12 OHMS 5.50 AMP.	1	5.00	0.1391 #	0.70
420	00860962910	RESIST.PANEL CONTROL 7.500 OHM	1	3.00	0.1391 #	0.42
421	00860962930	RESIST:RE22 2000 OHMS	1	0.00	150.3945	0.00
422	00860962990	RESIST.0,025 OHMS 300 AMP.	1	5.00	2738.6534	13693.27
423	00860964530	REOSTATO RH 50 RH 51	1	2.00	26.1987	52.40
424	00860964650	RESISTENCIA	1	2.00	0.1391 #	0.28
425	00860970270	CHAPA FUSIBLE 400 AMP.	1	0.00	0.9224	0.00
426	00870100730	TAPA DEL RODAMIENTO	1	4.00	1571.0556	6284.22
427	00870106430	JUNTA DE GOMA 1778 MM. (72)LAR	3	0.00	4.7339	0.00
428	00870106850	PORTA ESCOBILLA.	1	0.00	566.4862	0.00
429	00870106890	CUERPO P/ESCOBILLA	1	0.00	0.1391 #	0.00
430	00870107590	ESCOBILLA DE CARBON DE.8	1	864.00	12.4526	10759.05
431	00870302800	ALAMBRE AC. ESTAN. 1MM.P/SUNCH.	4	30.00	0.1391 #	4.17
432	00870302850	SOPORTE P/MONTAJE LADO IZO.	1	0.00	0.1391 #	0.00
433	00870302870	SOPORTE P/MONTAJE LADO DERECHO	1	0.00	0.1391 #	0.00
434	00870303770	ESCOBILLA DE CARBON GRADO DEB	1	4.00	11.0991	44.40
435	00870800950	TORNILLO CAB.EXAG.35 MM 6 H.	1	0.00	9.4447	0.00
436	00870801650	CERROJO TAPA SUPERIOR,COMP.	1	16.00	15.0394	240.63
437	00870801810	TAPA COLECTOR SUP.COMPL.	1	0.00	221.3851	0.00
438	00870801910	TAPA COLECTOR,INF.LARGA,COMP.	1	0.00	36.1096	0.00
439	00870801990	TAPA COLECTOR CORTA INF.COMPLE	1	20.00	0.1391 #	2.78
440	00870802410	TAPA LARGA INFERIOR	1	17.00	29.6335	503.77
441	00870802430	TAPA LARGA LATERAL	1	0.00	0.1939	0.00
442	00870802950	PORTA ESCOBILLAS P/MOT.TRACCIO	1	5.00	120.3156	601.58
443	00870803850	ESCOBILLA	1	12.00	11.0289	132.35
444	00870803870	ESCOBILLA TIPO "DE.5"	1	424.00	14.4178	6113.15
445	00870803890	ESCOBILLA DE CARBON G07	1	56.00	17.5460	982.58
446	00870809790	ARO DE RETENC.EXT.EXTREM.PIÑON	1	3.00	125.9899	377.97
447	00870809830	SELLOS DE GRASA (1 PIEZA)	1	4.00	89.9526	359.81
448	00870811250	PIÑON DE 16 DIENTES	1	0.00	704.8278	0.00
449	00870811910	LUBRICADOR A MECHA COMPLETO	1	0.00	91.7407	0.00
450	00870811970	JUEGO COMP.DE MECHA Y RESORTES	1	0.00	69.2599	0.00
451	00870812070	MECHA JUEGO DE 6 FIELTROS	1	11.00	0.1391 #	1.53
452	00870813330	COJINETE SOPOR.MOT. TRACCION	1	0.00	80.5045	0.00
453	00870813400	COJINETE	1	0.00	2103.7164	0.00
454	00870813450	COJINETE SOP.2034 ST.	1	0.00	597.7343	0.00
455	00870813470	COJINETE SOP.MOT.TRAC.MEDIDA1/	1	0.00	1805.4567	0.00
456	00870813480	COJINETES STD	1	0.00	2103.7164	0.00
457	00871200010	MOTOR ELECTRICO	1	0.00	1.0318	0.00
458	00871200230	COLECTOR	1	0.00	80.2104	0.00
459	00871200750	PORTA ESCOBILLAS	1	7.00	50.1314	350.92
460	00871200890	ESCOBILLA DE CARBON	1	0.00	4.0005	0.00
461	00871700010	MOTOR ELECT.CALEFACTOR DE CABI	1	0.00	212.4218	0.00
462	00871700090	MOTOR ELECTR.DESENFANADOR CAB.	1	0.00	729.7644	0.00
463	00871700160	ESCOBILLA DE CARBON	1	0.00	4.0105	0.00
464	00872002910	ABARRADERA DEL RESORTE DE ESC.	1	19.00	7.5659	143.75

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

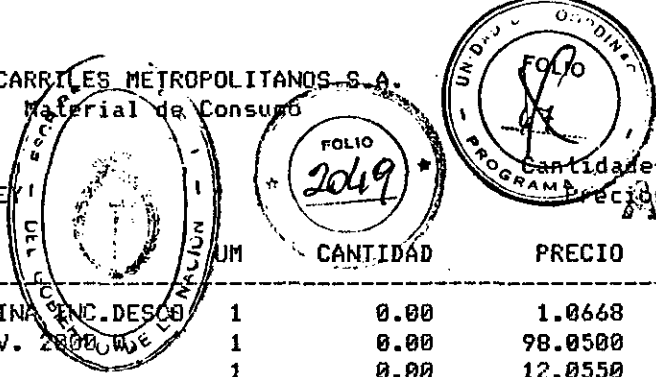
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Línea : 21 ROCA

Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94

31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
465	00880100010	CALEFACTOR DE CABINA	1	0.00	1.0668	0.00
466	00880100730	RESISTENCIA DE 74V.	1	0.00	98.0500	0.00
467	00880100950	TURBINA	1	0.00	12.0550	0.00
468	00880201230	RECEP.F/LAMPARA INCLUIDO TORN.	1	0.00	40.5550	0.00
469	00880201290	LAMPARA P/CAJA DE N015W.75VOL	1	0.00	1.4123	0.00
470	00880201680	TAPA PARA BASTIDOR	1	10.00	15.0394	150.39
471	00880204550	TAPA COMPL. P/LUZ DE CABIDA	1	0.00	4.8350	0.00
472	00880403620	ENCHUFE P/GOBERNADOR GA.	1	2.00	0.1391 #	0.28
473	00889000710	TABLERO P/TERMINALES,20 CONEX.	1	1.00	31.3277	31.33
474	00889000910	TABLERO DE TERMINALES,24 CONEX	1	7.00	38.6151	270.31
475	00889001570	TERMINAL OREJA AISLADO	1	0.00	0.7936	0.00
476	00889001590	ADAPTADOR	1	0.00	0.1391 #	0.00
477	00889002290	TERMINAL OREJA PRENSABLE S/AIS	1	112.00	0.1391 #	15.58
478	00889004630	CORRECTOR AISLADO	1	236.00	0.1656	39.08
479	00889010090	CABLE AWG8N0HILOS37/24	3	0.00	1.6844	0.00
480	00889010190	CABLE AWG.2/0 N0DE H.325/24	3	0.00	4.0105	0.00
481	008890104110	CADENA AG.12,7MM X 4,801 MM	1	3.00	1658.5697	4975.71
482	008890130010	ESPEJO RETROVISOR COMP.	1	0.00	114.1642	0.00
483	008890307930	PLACA DESGASTE SUPERIOR.	1	0.00	100.5517	0.00
484	008890500010	IMPULSOR COMP.INCRE.VENTILADOR	1	0.00	17.5676	0.00
485	008890500030	IMPULSOR-	1	0.00	137.1721	0.00
486	008890500130	SELLO DE ACEITE PARA EJE IMPUL	1	19.00	9.3097	176.88
487	008890500210	SELLO DE ACEITE DEL EJE IMPULS	1	7.00	23.1390	161.97
488	008890504410	VENTILADOR P/ENFRIAMIENTO	1	0.00	3142.6846	0.00
489	008890515010	ELEMENTO PARA FILTRO.	1	2.00	241.3684	482.74
490	00900202050	CALISUA	1	1.00	0.1391 #	0.14
491	00900203350	PIEDRA ABRASIVA	1	0.00	0.1391 #	0.00
492	00900203440	PASTA DE PULIR	1	0.00	0.1391 #	0.00
493	00900300910	PIEDRA P/ESMER.12X1.1/2"X5"REC	1	5.00	0.1391 #	0.70
494	00900302210	BULBO	1	7.00	0.1391 #	0.97
495	00930804070	TUBO NIVEL	1	0.00	0.1391 #	0.00
496	00960705800	RELAY B.T.R.	1	0.00	0.1391 #	0.00
497	00970802170	CORDELL	1	0.00	0.1391 #	0.00
498	00970807100	PLACA	1	1.00	0.1391 #	0.14
499	01150601340	VALVULA	1	0.00	0.1391 #	0.00
500	02360606500	CONTACTO	1	2.00	0.0000 +	0.00
501	27022706010	CERRADURAS	1	0.00	20.0526	0.00
502	27022706310	PLACAS	1	0.00	29.0818	0.00
503	30580300010	MOTOR DE ARRANQUE	1	0.00	304.8386	0.00
504	30580300790	DISCO EMBRAGUE	1	0.00	0.1391 #	0.00
505	31020119230	PERNO	1	0.00	19.6507	0.00
506	31020119810	TUERCA CASTILLO	1	0.00	53.1078	0.00
507	31020120000	BARRA DE AUXILIO	1	0.00	0.0000 +	0.00
508	31030103900	TAPA DERECHA	1	0.00	13.1469	0.00
509	31030103910	TAPA IZQUIERDA	1	0.00	116.1321	0.00
510	31030253610		1	0.00	68.0349	0.00
511	31030400460	CRISTAL PTA. FRENTE	1	0.00	0.1391 #	0.00
512	31030432309	VIDRIO CENTRAL MOTRIZ	1	0.00	17.4928	0.00
513	31030432310	CRISTAL LATERAL DERECHO	1	0.00	124.7974	0.00
514	31030432330	CRISTAL LATERAL IZQUIERDO	1	0.00	124.7974	0.00
515	31030435520	CRISTAL CAB. C.A.U.	1	0.00	258.8569	0.00
516	31030435530	CRISTAL LADO OPUESTO CAB CONDUC	1	0.00	174.8021	0.00
517	31030502210	CERRADURA IZQUIERDA	1	0.00	60.7445	0.00
518	31030502400	MANIJA INTERIOR	1	0.00	10.0365	0.00
519	31030502420	CERRADURA PTA. SALON IZQ.	1	0.00	126.5717	0.00
520	31030503030	MANIJA OPUESTA	1	0.00	0.1391 #	0.00
521	31030503040	MANIJA COMPLETA	1	0.00	17.0053	0.00
522	31030503080	CERRADURA IZQ.	1	0.00	138.5925	0.00

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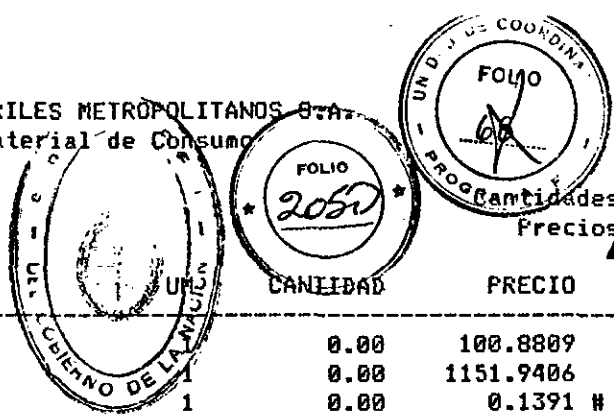
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 10

Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
523	31030503200	CERRADURA COMPLETA	0.00	100.8809	0.00
524	31030509360	TELA PARA FUELLE	0.00	1151.9406	0.00
525	31030510300	TACHAS	0.00	0.1391 #	0.00
526	31040100320	FILTRO	0.00	191.5940	0.00
527	31040101110	CAMISA DE CILINDRO	0.00	580.2738	0.00
528	31040101140	SUFLENTO DE 0.05 MM.	0.00	0.1391 #	0.00
529	31040101200	JUNTA DE COBRE	0.00	0.1365	0.00
530	31040101210	JUNTA DE GOMA	0.00	0.1378	0.00
531	31040101700	CULATA	0.00	97.2038	0.00
532	31040101810	JUNTA	0.00	4.1763	0.00
533	31040101890	JUNTA PARA TAPA	0.00	0.1361	0.00
534	31040102020	JUNTAS PARA CARTER	0.00	46.0636	0.00
535	31040102070	TONILLO 10x75x1,25	0.00	0.1391 #	0.00
536	31040102200	JUNTA	0.00	1.2719	0.00
537	31040200210	TORNILLO DE C/BIELA	0.00	0.1374	0.00
538	31040200520	PERNO PISTON	0.00	13.5616	0.00
539	31040200560	ARO DE ENGRASE	0.00	0.1374	0.00
540	31040200580	AROS	0.00	0.1391 #	0.00
541	31040202050	RETEN DE VOLANTE	0.00	37.8654	0.00
542	31040301150	EMPUJADOR	0.00	0.1391 #	0.00
543	31040400200	MANGA FLEXIBLE	0.00	85.1107	0.00
544	31040401010	JUNTA	0.00	9.0542	0.00
545	31040401030	JUNTA	0.00	0.1391 #	0.00
546	31040401510	COLECTOR ANT.DERECHO	0.00	171.1277	0.00
547	31040401520	TAPA	0.00	827.2248	0.00
548	31040401540	COLECTOR POS DERECHO	0.00	287.9394	0.00
549	31040401550	JUNTA CANO ESCAPE	0.00	3.2986	0.00
550	31040404400	TORNILLO	0.00	0.1379	0.00
551	31040405530	RACORD	0.00	292.9444	0.00
552	31040405540	JUNTA	0.00	1.8833	0.00
553	31040500260		0.00	0.0000 +	0.00
554	31040509850	FILTRO CARTUCHO	0.00	3.7758	0.00
555	31040509900	TUERCA	0.00	3.7834	0.00
556	31040511000	TUBO DE ALIMENTACION	0.00	16.2703	0.00
557	31040511200	TORNILLO 12x60x1,5	0.00	1.3017	0.00
558	31040511330	ABRAZADERA	0.00	0.1391 #	0.00
559	31040512180	MANGAS	0.00	0.1391 #	0.00
560	31040512510	TAPON	0.00	66.6797	0.00
561	31040512530	MANGA DE UNION	0.00	11.4677	0.00
562	31040512590	MANGAS TANQUE DE COMBUSTIBLE	0.00	0.1378	0.00
563	31040512600	MANGA DE UNION P/TUBO	0.00	2.8657	0.00
564	31040512610	MANGUERA P/TUBO 20 MM.	0.00	30.2990	0.00
565	31040512700	GRIFO	0.00	0.0000 +	0.00
566	31040512950	MANGA	0.00	0.1391 #	0.00
567	31040513010		0.00	0.1391 #	0.00
568	31040513080	TUBO DE NIVEL	0.00	0.1391 #	0.00
569	31040513090	TUBO DE CRISTAL	0.00	0.1391 #	0.00
570	31040601000	JUNTAS	0.00	0.1391 #	0.00
571	31040605800	ARO DE GOMA	0.00	0.1391 #	0.00
572	31040605860	JUNTA FILTRO ACEITE	0.00	0.1391 #	0.00
573	31040606040	JUNTA PARA TAPA	0.00	0.1391 #	0.00
574	31040606070	FILTROS	0.00	18.1110	0.00
575	31040609150	JUNTA	0.00	6.6669	0.00
576	31040609500	JUNTA	0.00	0.0000 +	0.00
577	31040610240	FLEXIBLE	0.00	0.3246	0.00
578	31040610250	FLEXIBLE	0.00	0.2610	0.00
579	31040611060	ENGACHE	0.00	0.1391 #	0.00
580	31040611140	JUNTA	0.00	0.1391 #	0.00

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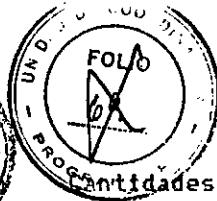
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FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

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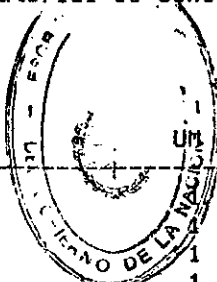
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94

Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
581	31040700070			0.00	0.0000 +	0.00
582	31040700210	EMPAQUETADORA		0.00	1.8284	0.00
583	31040700250	CASQUILLO	1	0.00	18.4252	0.00
584	31040700310	JUNTA	1	0.00	0.9541	0.00
585	31040700510	JUNTA	1	0.00	0.4591	0.00
586	31040700540	TORNILLOS	1	0.00	0.1391 #	0.00
587	31040701100	MANGA	1	0.00	0.1378	0.00
588	31040701290	MANGA	1	0.00	6.5411	0.00
589	31040701330	MANGUITO	1	0.00	2.9990	0.00
590	31040701450	JUNTA	1	0.00	0.1391 #	0.00
591	31040701660	MANGA	1	0.00	0.1380	0.00
592	31040701700	MANGA	1	0.00	12.7338	0.00
593	31040701710	MANGA	1	0.00	5.8257	0.00
594	31040701720	MANGA	1	0.00	1.6246	0.00
595	31040702510	RADIADOR DE AGUA	1	0.00	1642.3291	0.00
596	31040702550		1	0.00	0.0000 +	0.00
597	31040702600	JUNTA	1	0.00	0.2835	0.00
598	31040702750	MANGUITO 90x102x220 mm.	1	0.00	10.7140	0.00
599	31040706070		1	0.00	0.0000 +	0.00
600	31040804230	PLACA DE REGULACION	1	0.00	0.1391 #	0.00
601	31040804500	RESORTE	1	0.00	0.1391 #	0.00
602	31040805240	PALANCA DE ACELERACION	1	0.00	0.1391 #	0.00
603	31040805310	CABEZA DE ACOPLA	1	0.00	0.1391 #	0.00
604	31050205650	ANILLO DE GOMA	1	0.00	0.1391 #	0.00
605	31050208520	JUNTAS	1	0.00	0.3265	0.00
606	31050218120	JUNTAS	1	0.00	0.1391 #	0.00
607	31050219320	JUNTA	1	0.00	0.1391 #	0.00
608	31050219880	TAPON	1	0.00	16.6218	0.00
609	31050220560	JUNTA ANULAR DE GOMA	1	0.00	0.1391 #	0.00
610	31050220570	JUNTA	1	0.00	0.1391 #	0.00
611	31050223910	VALVULA	1	0.00	0.7166	0.00
612	31050228950	MANGAS	1	0.00	276.6292	0.00
613	31050400050	ARBOL COMPLETO	1	0.00	796.0279	0.00
614	31050400660	TUERCA CASTILLO 14x1,5	1	0.00	0.1391 #	0.00
615	31050502500	ARBOL	1	0.00	0.9753	0.00
616	31050505620	ALMOHADILLA	1	0.00	0.1391 #	0.00
617	31050608620	HIPERBLOCK	1	0.00	84.7073	0.00
618	31050608640	EJE	1	0.00	5.0247	0.00
619	31050608650	TUERCA 30x1	1	0.00	7.8121	0.00
620	31050608660	SEGURO	1	0.00	4.1025	0.00
621	31060100040	CARTER	1	0.00	0.1391 #	0.00
622	31060100310	VARILLA	1	0.00	0.1391 #	0.00
623	31060100580	JUNTA PARA CULATA	1	0.00	0.1391 #	0.00
624	31060100600	CHAPA DE SEGURO DE 10,5mm.	1	0.00	0.1391 #	0.00
625	31060101000	RADIADOR	1	0.00	504.6546	0.00
626	31060101090	JUNTA	1	0.00	0.1391 #	0.00
627	31060101120	TORNILLO HEXAG. 8x80 LONG.	1	0.00	1.6064	0.00
628	31060101420	ARO	1	0.00	0.1391 #	0.00
629	31060101430	ARO	1	0.00	4.3949	0.00
630	31060101470	TORNILLOS (SEGURO COMPRESOR)	1	0.00	0.7375	0.00
631	31060200010	REGULADOR DE PRESION	1	0.00	324.5580	0.00
632	31060200120	CUERPO TURO ONDULADO	1	0.00	90.8256	0.00
633	31060201600	GUARNICION DE GOMA	1	0.00	0.1391 #	0.00
634	31060300010	MANGA DE FRENO	1	0.00	268.5639	0.00
635	31060300550	MANGUERA	1	0.00	0.1319	0.00
636	31060300700	MANGUERA	1	0.00	103.4064	0.00
637	31060301000	MANGUERAS (COMPRESOR)	1	0.00	37.5473	0.00
638	31060301100	MANGUERA	1	0.00	23.3864	0.00

ANEXO



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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Material de Consumo

Página: 12

Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY



FECHA: 10/11/94
Precios al: 31/07/94

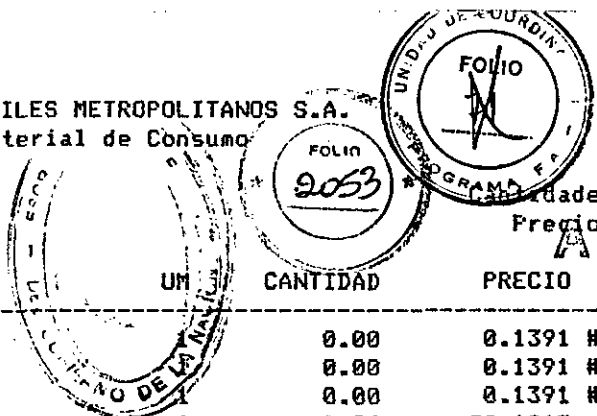
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
639	31060301200	MANGUERA		0.00	0.1391 #	0.00
640	31060302060	GUARNICION		0.00	49.0850	0.00
641	31060302320	ABRAZADERA		0.00	0.1365	0.00
642	31060303300	GRIFO	1	0.00	200.0863	0.00
643	31060303310	GRIFO DE CIERRE	1	0.00	241.2377	0.00
644	31060309710	CUERPO	1	0.00	2755.7140	0.00
645	31060309740	JUNTA	1	0.00	0.9938	0.00
646	31060309820	TAPA LADO COMANDO DE MANO	1	0.00	49.0290	0.00
647	31060310020	TUERCA ESPECIAL	1	0.00	0.2682	0.00
648	31060310080	BARRA	1	0.00	207.2462	0.00
649	31060313570	DIAPHRAGMA	1	0.00	0.1346	0.00
650	31060400440	PALANCA	1	0.00	1450.9422	0.00
651	31060402020	ASIENTO VALVULA DE RETENCION	1	0.00	7.0974	0.00
652	31060405700	VALVULA	1	0.00	165.4116	0.00
653	31060405740	ANILLO	1	0.00	0.1367	0.00
654	31060405790	ANILLO	1	0.00	0.1391 #	0.00
655	31060408900	VALVULA T/V.75-KW	1	0.00	0.0000 +	0.00
656	31070200610	ELEMENTO	1	0.00	0.1391 #	0.00
657	31070201500	AMPERIMETRO	1	0.00	143.0000	0.00
658	31070203000	TACOMETRO	1	0.00	0.1391 #	0.00
659	31070204000	INDICADOR DE VELOCIDAD	1	0.00	0.1391 #	0.00
660	31070205050	MANOMETRO 6 KGS	1	0.00	0.1391 #	0.00
661	31070205500	MANOMETRO	1	0.00	625.9888	0.00
662	31070205550	FRESIOSTATO	1	0.00	668.3108	0.00
663	31070300280		1	0.00	0.0000 +	0.00
664	31070301200	INTERRUPTOR	1	0.00	0.0000 +	0.00
665	31070302000	CONMUTADOR GIRATORIO	1	0.00	135.1968	0.00
666	31070302500	PULSADOR	1	0.00	104.0614	0.00
667	31070303820	INTERRUPTOR GIRATORIO	1	0.00	0.1391 #	0.00
668	31070305210	INTERRUPTOR	1	0.00	223.6119	0.00
669	31070305220	RELAY	1	0.00	80.6885	0.00
670	31070305250	BOBINA	1	0.00	0.1391 #	0.00
671	31070305260	RESISTENCIA 170 OHMS	1	0.00	4.7508	0.00
672	31070306170	INTERRUPTOR	1	0.00	1544.4024	0.00
673	31070309090	CAJA	1	0.00	7.7947	0.00
674	31070309100	RESORTE	1	0.00	0.1391 #	0.00
675	31070309110	PLATILLO	1	0.00	0.1391 #	0.00
676	31070309160	PLACA	1	0.00	12.4625	0.00
677	31070309190	RESORTE	1	0.00	0.1391 #	0.00
678	31070309260	ARANDELA AISLANTE	1	0.00	0.1391 #	0.00
679	31070309270	ARANDELA AISLANTE 0.8 M/M	1	0.00	0.1391 #	0.00
680	31070310580	JUNTA	1	0.00	0.3853	0.00
681	31070310840	MAGNETO	1	0.00	0.1391 #	0.00
682	31070310850	MAGNETO	1	0.00	1104.6664	0.00
683	31070311300	TELERRUPTOR	1	0.00	1304.5694	0.00
684	31070314010	TERMOSTATO AMOT	1	0.00	459.5901	0.00
685	31070314100	TERMOSTATO	1	0.00	0.1371	0.00
686	31070314400	TERMOSTATO	1	0.00	0.1391 #	0.00
687	31070314600	INTERRUPTOR	1	0.00	127.3047	0.00
688	31070315450		1	0.00	0.1391 #	0.00
689	31070316000	PORTA FUSIBLE	1	0.00	0.1391 #	0.00
690	31070402000	TIMBRE DE ACERO	1	0.00	149.2017	0.00
691	31070402100		1	0.00	0.1391 #	0.00
692	31070500160	MAGNETO	1	0.00	440.6274	0.00
693	31070500460		1	0.00	0.0000 +	0.00
694	31070600460	RECTIFICADOR	1	0.00	60.3860	0.00
695	31080100940	PORTA ESCOBILLA	1	0.00	521.1221	0.00
696	31080101260	ESCOBILLA	1	0.00	8.0210	0.00

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Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Valores al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
697	31080101350	BASE		0.00	0.1391 #	0.00
698	31080200620	TORNILLO 8x115x1,25		0.00	0.1391 #	0.00
699	31080200630	JUNTA		0.00	0.1391 #	0.00
700	31080300110	CAMPO	1	0.00	95.1517	0.00
701	31080300150	TORNILLO DE 6x112 mm.	1	0.00	0.1391 #	0.00
702	31080300490	ESCOBILLA	1	0.00	12.4045	0.00
703	31080300880	ACOPLAMIENTO DE EMBRAGUE	1	0.00	169.8290	0.00
704	31080301330	BOBINA DE EMPUJE	1	0.00	271.8471	0.00
705	31080301500	ABRAZADERA	1	0.00	828.9215	0.00
706	31080400010	MOTOR	1	0.00	1532.1461	0.00
707	31080600520	ESCOBILLA	1	0.00	13.6868	0.00
708	31090300600	MANGA	1	0.00	0.7293	0.00
709	31090301030	RESISTENCIA 133 OHMS	1	0.00	25.1758	0.00
710	31090301050	RESISTENCIA	1	0.00	1.8341	0.00
711	31090301110	RESISTENCIA 2000 OHMS	1	0.00	12.4723	0.00
712	31090301120	RESISTENCIA	1	0.00	0.1363	0.00
713	31090301170	RESISTENCIA	1	0.00	0.1363	0.00
714	31090301180	RESISTENCIA 28 OHMS	1	0.00	40.9812	0.00
715	31090301190	RESISTENCIA AUXILIAR	1	0.00	0.1391 #	0.00
716	31090301200	RESISTENCIA 10 OHMS 450 WAT	1	0.00	0.7096	0.00
717	31090301220	RESISTENCIA	1	0.00	386.9552	0.00
718	31090301230	REACTANCIA	1	0.00	529.2347	0.00
719	31090302120	RESISTENCIA 20 OHMS.	1	0.00	1.7143	0.00
720	31091401500	1	1	0.00	2.4709	0.00
721	310940003630	TERMINAL 1 A 2,3 MM	1	0.00	0.2954	0.00
722	310940006650	TERMINAL 2,5 A 6MM	1	0.00	0.5013	0.00
723	310940009190	RESISTENCIA 42 0	1	0.00	22.9312	0.00
724	31095002640	MIRINAQUE	1	0.00	0.0257	0.00
725	31095200500		1	0.00	0.0000 +	0.00
726	80010560170	CHAPA LISA	4	0.00	0.0000 +	0.00
727	80013720280	PLANCHUELA DE 2,54x3,17 mm.	4	0.00	0.9825	0.00
728	80013720880	PLANCHUELA ESP.4,8xANC.25,4mm.	4	0.00	1.3234	0.00
729	80013721500	ACERO EN PLANCHUELA	4	0.00	4.0491	0.00
730	80013721540	ACERO PLANCHUELA ANCHO 31,7mm.	4	0.00	1.5133	0.00
731	80015420140	HIERRO ANGULO 1X1X3	4	0.00	4.4186	0.00
732	80710221140	ALAMBRE DULCE 2,03 mm.	4	0.00	4.9767	0.00
733	80890210250	CANO DE ACERO DE 1'	3	0.00	5.5745	0.00
734	81250110150	CANILLA SERV. SANITARIO DE 1/2	1	0.00	10.0262	0.00
735	81250310250	CANILLA BRONCE 1"	1	0.00	13.0345	0.00
736	81440320100	VIDRIO PLAN TRANS DOB 2,8 MM E	6	0.00	10.5342	0.00
737	81440330100	VIDRIO TRIPLE 3,7 mm.	6	0.00	34.8344	0.00
738	81892030050	CUMBRERA	1	0.00	0.1391 #	0.00
739	81970430500	PORTA BENGALAS 315 x 150 mm.	1	0.00	120.6299	0.00
740	82291011700	PIEDRA ESMERIL	1	0.00	0.0000 +	0.00
741	82293610100	ESMERIL EN PASTA ENVASE 400GRS	4	0.50	34.4164	17.21
742	82293610200	ESMERIL EN PASTA C/GRASA MINER	4	0.50	29.4989	14.75
743	82293610300	ESMERIL EN PASTA GRANO GRUESO	4	0.50	29.4989	14.75
744	82294570240	PAPEL DE LIJA DE 210 x 260mm.	1	0.00	0.2406	0.00
745	82294570360	PAPEL DE LIJA GRANO Nro.36	1	0.00	0.2359	0.00
746	82294570600	PAPEL DE LIJA EN HOJAS DE SILI	1	0.00	0.2105	0.00
747	82294710300	TELA ESMERIL GRANO 30 210MM.	1	0.00	0.5514	0.00
748	82294710460	TELA ESMERIL GRANO 50-210x270	1	0.00	0.5514	0.00
749	82294710540	TELA ESMERIL DE 210 x 270MM.	1	0.00	0.3322	0.00
750	82294710600	TELA ESMERIL GRANO 60 EN HOJA	1	0.00	1.8648	0.00
751	82300225140	PIEDRA ESMERIL	1	0.00	0.0000 +	0.00
752	82300227140	PIEDRA ESMERIL	1	0.00	72.5493	0.00
753	82300228560	RUEDA RECTA 356 x 51 x 35mm.	1	1.00	11.8382	11.84
754	82300233300	RUEDA RECTA DIAM.205mm.ESP.3mm	1	0.00	0.1391 #	0.00

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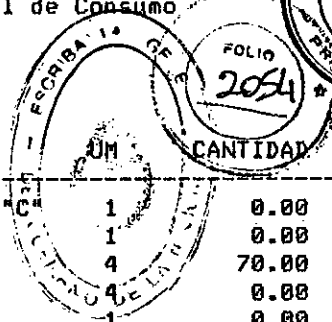
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Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY

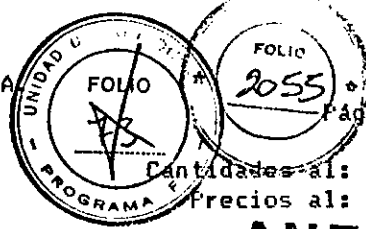
Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
755	82300923500	RUEDA RECTA TIPO 1 PERFIL	1	0.00	20.0652	0.00
756	82304426100	PIEDRA ESMERILJ	1	0.00	0.0000 +	0.00
757	82311210200	ANTIINCRUSTANTE DEARBON	4	70.00	3.4590	242.13
758	82330532000	ADHESIVO SINTETICO	4	0.00	6.3226	0.00
759	82331130170	POXIFOL	1	0.00	45.3103	0.00
760	82336831100	MASILLA COMUN AL ACEITE	4	0.00	4.0000	0.00
761	82452010050	ESCORAS DE PAJA DE GUINEA	1	0.00	5.7150	0.00
762	82452410100	PLUMEROS DE 350mm DE LARGO	1	0.00	6.1362	0.00
763	82452620100	SECADORES DE GOMA 500x65x13mm.	1	0.00	0.8664	0.00
764	82452830050	LAMPAZO DE ALGODON	1	0.00	6.5448	0.00
765	82454320050	TRAPOS DE PISO DE 550x600MM.	1	0.00	0.9677	0.00
766	82454520050	TRAPO REJILLA DE ALGODON	1	0.00	0.5702	0.00
767	82455310050	JAVON DE LAVAR EN PANES	1	0.00	0.3509	0.00
768	82455340250	JAVONES DE LAVAR POLVO DE 25Kg	4	0.00	0.9203	0.00
769	82455680100	JAVON DE POTASA EN PASTA	4	0.00	2.0052	0.00
770	82457910050	PAPEL HIGIENICO-ROLLOS 74MTS.	1	0.00	0.2506	0.00
771	82458260050	DESODOR. LIQUIDO P/PERF. BAÑO	5	0.00	0.2406	0.00
772	82470110010	ESTOPA BLANCA P/ LIMPIEZA	4	454.00	0.9060	411.32
773	82470420010	ESTOPA DE LANA	4	0.00	1.5039	0.00
774	82475010010	TRAPOS BLANCOS DE 40 x 40 cms.	4	0.00	4.0056	0.00
775	82475910010	TRAPOS DE ALGODON-FARDOS 50Kg.	4	0.00	2.4865	0.00
776	82477410100	TRAPO ALGODON DE 500mm.ANCHO	4	0.00	3.1611	0.00
777	82600310200	ACID.CLORHIDRICO(MURIAT)US.IND	4	0.00	1.9769	0.00
778	82603140500	BORAX	4	0.00	15.0952	0.00
779	82761140440	BOTA DE GOMA HAS.ROD.N 44	1	0.00	19.0499	0.00
780	82761140450	BOTAS DE GOMA 1/2 CANA NRO.42	1	0.00	18.0473	0.00
781	82761140460	BOTA DE GOMA HAS.RODIL.N 43	1	0.00	19.0499	0.00
782	82761140470	BOTA DE GOMA HAS/.ROD.N 44	1	0.00	20.0526	0.00
783	82761140480	BOTAS DE SEGURIDAD DE GOM.N 45	1	0.00	20.0526	0.00
784	82761151210	BOTAS Nro.40	1	0.00	51.2484	0.00
785	82761340100	ZAPATOS Nro.37	1	0.00	32.8248	0.00
786	82761340110	BOTINES DE SEGURIDAD N 38	1	0.00	21.1411	0.00
787	82761340120	BOTINES DE SEGURIDAD N 39	1	0.00	21.1411	0.00
788	82761340130	BOTINES DE SEGURIDAD N 40	1	0.00	21.1411	0.00
789	82761340140	BOTINES DE SEGURIDAD N 41	1	0.00	21.1411	0.00
790	82761340150	BOTIN DE SEG.N 42	1	0.00	21.1411	0.00
791	82761340160	BOTIN DE SEG. N 43	1	0.00	21.1411	0.00
792	82761340170	BOTINES DE SEGURIDAD N 44	1	0.00	21.1411	0.00
793	82761340180	BOTIN DE SEG.N 45	1	0.00	21.1411	0.00
794	82761440440	ZAPATOS Nro.41 CAMBISTA	1	0.00	23.5000	0.00
795	82762120900	DELANTAL USO SOLDADOR	1	0.00	13.2748	0.00
796	82762531000	GUANTES CUERO COMB.PUNO CORTO	1	0.00	2.5300	0.00
797	82762531010	1	1	0.00	2.9377	0.00
798	82762531500	1	1	0.00	4.4616	0.00
799	82763520050	POLAINAS DE CUERO	1	0.00	7.6058	0.00
800	82766410100	ANTIPARRAS	1	0.00	3.4496	0.00
801	82767810180	CRISTAL VERDE AZULADO	1	2.00	0.6176	1.24
802	82767830920	VIDRIOS ANTIPARRAS	1	0.00	1.1329	0.00
803	82823530180	CORREA	1	1.00	58.6437	58.64
804	82862530410	PLANCHAS F/PISO-ESPESOR 7,5mm.	6	0.00	15.6623	0.00
805	82863022300	GOMA	4	0.00	0.0000 +	0.00
806	82900121250	MANGA DE CAUCHO-DIAM.INT.25mm.	3	0.00	7.3931	0.00
807	82900640250	MANGA	3	0.00	18.5869	0.00
808	82903520020	MANGA DE 8 mm.	3	0.00	0.7719	0.00
809	82903520450	MANGA PLASTICA	3	0.00	0.0000 +	0.00
810	82906210100	ABRAZADERA	1	0.00	0.8829	0.00
811	82906210150	ABRAZADERA DE ACERO P/MANGA	1	0.00	0.8829	0.00
812	82906210200	ABRAZADERAS 20 A 35 MM	1	0.00	1.0474	0.00

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Emisión: 10/11/94

Página: 15

Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UMC	CANTIDAD	PRECIO	MONTE
813	82906210450	ABRAZADERA DE ACERO P/MANGA	1	0.00	1.0472	0.00
814	82906210580	ABRAZADERA DE ACERO P/MANGA	1	0.00	1.1383	0.00
815	82906210680	ABRAZADERA DE ACERA P/MANGA	1	0.00	1.2129	0.00
816	82906210680	ABRAZADERA DE ACERA P/MANGA	1	0.00	1.2982	0.00
817	82906211000	ABRAZADERA DE ACERA P/MANGA F.	1	0.00	1.5039	0.00
818	82906220750	ABRAZADERAS	1	0.00	0.0000 +	0.00
819	83077240500	TRAJE IMPERMEAB. C/NARANJA	1	0.00	41.1910	0.00
820	83140110120	TELA C/MARRON	3	0.00	6.9181	0.00
821	83253010020		1	0.00	0.1391 #	0.00
822	83381241000	PINTURA NEGRA	5	0.00	7.3889	0.00
823	83390110040	CAL EN POLVO AL AGUA	4	0.00	2.1030	0.00
824	83420116580	LATEX BLANCO	5	0.00	8.2965	0.00
825	83420725000	PINTURA LATEX BLANCA EXTERIOR	5	0.00	0.0000 +	0.00
826	83420725080	PINTURAAA LATEX	5	0.00	3.9880	0.00
827	83430311150	ESMALTE SINT. ROJO SEÑAL	5	0.00	5.8700	0.00
828	83430312100	ESMALTE SINT. AMARILLO CANARIO	5	0.00	6.2162	0.00
829	83430314250	ESMALTE SINT. GRIS OSCURO	5	0.00	5.6222	0.00
830	83430315500	ESMALTE SINT. BLANCO T. PURO	5	0.00	6.4358	0.00
831	83430315550	ESMALTE SINTETICO NEGRO	5	0.00	6.4002	0.00
832	83430315600	ESMALTE SINT. ALUMINIO PURO	5	0.00	5.0131	0.00
833	83490510300	AGUARRAS MINERAL (LATAS 4 L.)	5	0.00	0.6700	0.00
834	83500110040	PINCEL REDONDO DE 25mm.	1	0.00	7.5926	0.00
835	83500110080	PINCEL REDONDO	1	0.00	15.3190	0.00
836	83500910030	PINCEL CHATO DE 19mm.	1	0.00	1.3034	0.00
837	83500910040	1	1	0.00	1.8047	0.00
838	83900510180	GAS-OIL	5	227954.15	0.1900	43311.29
839	83900510184		5	0.00	0.1900	0.00
840	83900510200	NAFTA COMUN EN VALES	5	0.00	0.4984	0.00
841	83900520550	SOLVENTE STODDARD	5	600.00	0.5146	308.76
842	83953020060	OXIGENO X 6	8	0.00	3.0000	0.00
843	83971011300	1	5	0.00	1.3640	0.00
844	83971011500	ACEITE Y.P.F	5	0.00	1.1200	0.00
845	83971310200	ACEITE YPF NR 267	5	205.00	1.4479	296.82
846	83971411100	ACEITE PARA DIFERENCIALES	5	2.04	0.9700	1.98
847	83971511050	ACEITE NRO. 510	5	0.00	2.0460	0.00
848	83972211170	ACEITE NRO.17	5	0.00	1.6513	0.00
849	83973611100	ACEITE NRO.412	5	0.00	1.6573	0.00
850	83973611150	ACEITE Y.P.F. N.416	5	0.00	1.6573	0.00
851	83973661100	ACEITE 412 SAE 40	5	0.00	1.3133	0.00
852	83973810500	ACEITE SUPERMOVIL N.421	5	0.00	1.6041	0.00
853	83973811000	ACEITE HD30 429	5	0.00	1.4100	0.00
854	83973811100	ACEITE FERRODIESEL SERIE 1-40	5	0.00	1.9110	0.00
855	83973811150	1	5	13735.00	1.6313	22405.91
856	83973911050	ACEITE HD 30 S.3	5	0.00	1.5100	0.00
857	83973912050		5	0.00	2.2525	0.00
858	83976311140	1	4	63.00	1.9837	124.97
859	83976611000	GRASA N. 96	4	180.00	0.6534	117.61
860	84170510500	BENGALAS DE MANO ROJO 50X270MM	1	27.00	14.0368	378.99
861	84172210100	PETARDOS ADVERT.P/VIAS 35C	1	0.00	5.0457	0.00
862	84420120010	PRECINTOS SEGURIDAD HOJ.330MM	1	0.00	0.1747	0.00
863	85000110500	SOLDADORA ALEACION EST.PLOMO	4	3.50	8.2100	28.74
864	85000520420	ALEACION ESTAO/PLOMO	4	0.00	32.4538	0.00
865	85011510730	SOLDADURA TIPO R-CU-SN-	4	0.00	22.9772	0.00
866	85011510750	VARILLA PARA SOLDAR 5 mm.	4	0.00	0.0000 +	0.00
867	85020120120	ELECTRODO TIP.E6013 2MM DIAMT	4	0.00	2.7171	0.00
868	85020120130	ELECTRODOS SERIE 60 3X1/8"	4	0.00	2.7270	0.00
869	85297710350	INTERRUPTOR UNIPOLAR 25A 220V	1	0.00	15.0394	0.00
870	85298011000	INTERRUPTOR AUTOMATICO 100A.	1	0.00	126.2897	0.00

ANEXO

Handwritten initials

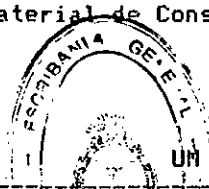
Emisión: 10/11/94

Línea : 21 ROCA

Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94

Precios al: 31/07/94



ANEXO

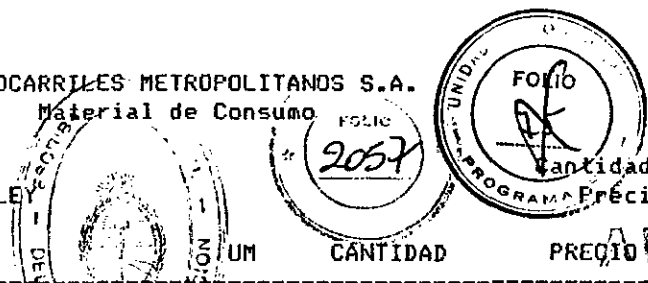
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
871	85302222300	CABLE 2 x 1 mm.	3	0.00	0.3799	0.00
872	85307520600	CABLE COBRE DIAM.0,35MM.NEGRO	3	0.00	0.4700	0.00
873	85307520700	CABLE COBRE DIAM.0,40MM.NEGRO	3	0.00	0.2206	0.00
874	85307520800	CABLE COBRE DIAM.0,40MM.NEGRO	3	0.00	0.1571	0.00
875	85307521000	CABLE COBRE P/380V.COLOR NEGRO	3	0.00	0.2700	0.00
876	85307521020	CABLE COBRE 32 ALAMBRES, ROJO.	3	0.00	0.6906	0.00
877	85307521400	CABLE FLEX.UNIPOLAR 0.50MM	3	0.00	0.5013	0.00
878	85307521510	CABLE COB.AIS/PVC UNIP.0,60MM	3	0.00	1.1028	0.00
879	85308420550	ALAMBRE DE COBRE DIAM.0,710MM.	4	0.00	6.5715	0.00
880	85313520600	CARTUCHO FUSIBLE 80A 250V	1	0.00	9.4600	0.00
881	85313520770	CARTUCHO FUSIBLE 150A	1	0.00	15.0494	0.00
882	85313520850	CARTUCHO FUSIBLE 400A 250V	1	0.00	27.2190	0.00
883	85317420020	TERMINAL F/INDENTAR	1	163.00	0.0307	5.00
884	85317420030	TERMINAL F/INDENTAR 2MM2	1	0.00	0.0420	0.00
885	85317420000	TERMINAL 10 mm.	1	0.00	0.2009	0.00
886	85317420140	TERMINAL	1	0.00	0.1002	0.00
887	85317420180	TERMINAL 16 mm.	1	0.00	0.3427	0.00
888	85317420350	TERMINAL F/INDENTAR 3/8 PULG.	1	0.00	0.1504	0.00
889	85317420380	TERMINAL F/INDENTAR	1	0.00	0.6984	0.00
890	85317420950	TERMINAL F/INDENTAR 1/2 PULG.	1	0.00	2.3513	0.00
891	85317461020		1	0.00	0.0000 +	0.00
892	85317510100	UNIONES COB F/IND.CONEC.2,5MM2	1	0.00	0.0990	0.00
893	85317512250	UNIONES 25 MM2	1	20.00	0.1391 #	2.78
894	85317810450	UNIONES 70 mm.	1	0.00	0.7924	0.00
895	85318310400	UNION DE COMPRESION	1	0.00	0.0000 +	0.00
896	85320268040	LAMPARA ELECT.24V.20W.	1	1000.00	0.9800	980.00
897	85320343160	LAMP. DE 220V X 40 W	1	0.00	0.7690	0.00
898	85320343310	LAMPARA 75 W 220 V	1	0.00	1.0026	0.00
899	85320343410	LAMP/AMP/FOR/PERA 220V 100W	1	0.00	0.8256	0.00
900	85320351150	LAMP/AMP/FOR/PERA 220V 300W	1	0.00	2.7211	0.00
901	85323550250	LAMP.MERCURIO 220V 250W	1	0.00	8.0844	0.00
902	85324820100	LAMP/TUB.LUZ DE DIA 220V 40W	1	0.00	1.3300	0.00
903	85325820500	LAMP/P/LINT.SENAL 5/8V 0.25A	1	0.00	0.2707	0.00
904	85328570500	UNIDAD SELLADA 30V 200W	1	38.00	32.8662	1248.92
905	85615320110	CINTA AISL.COL/NEGRO DE 20M.	1	0.00	1.8340	0.00
906	85615320200	CINTA AISLADORA PVC	1	0.00	2.6088	0.00
907	85615320500	CINTA AISLADORA AZUL	1	0.00	0.9255	0.00
908	85615410220	CINTA AISLANTE DE 50MTS.	1	0.00	42.9761	0.00
909	85616430300	TUBO AISL.COLOR ROJO DIAM.3MM.	3	0.00	0.1249	0.00
910	85616430400	TUBO AISLANTE 11.30	3	0.00	0.1364	0.00
911	85616430500	SPAGUETI DE 5 MM	3	0.00	0.3509	0.00
912	85616430700	TUBO AISLANTE	3	0.00	0.1391 #	0.00
913	85616431200	TUBO AISLANTE	3	0.00	0.7236	0.00
914	85616431500	TUBO AISLANTE	3	0.00	0.8755	0.00
915	85616432000	TUBO AISLANTE	3	0.00	11.3574	0.00
916	85616432500	TUBO AISLANTE	3	0.00	1.9313	0.00
917	85616433710	TUBO AISLANTE	3	0.00	0.1391 #	0.00
918	85616436620	SPACHETI	3	25.00	0.1391 #	3.48
919	85750141220	CINTA AMIANTO	4	0.00	0.0000 +	0.00
920	85750151090	EMPAQUETADURA AMIANTO PLANCHA	4	0.00	12.9528	0.00
921	85750152100	EMPAQUETADURA DE AMIANTO	4	0.00	9.5996	0.00
922	85752310100	PAPEL PARA JUNTAS	4	0.00	1.8047	0.00
923	85752310200	ADAMITE DE 2 MM	4	0.00	31.5569	0.00
924	86002221500	CORTA FRIO	1	0.00	3.0519	0.00
925	86005415100	CABOS	1	0.00	0.5492	0.00
926	86351910400	ESPUMA TIPO POLIEST.ESP.40MM.*	6	0.00	2.0592	0.00
927	86550510540	ROD.RAD.1H BOLAS D/INT.4MM	1	0.00	0.1391 #	0.00
928	86550514480	RODAMIENTO RADIAL 1 H.BOLAS	1	1.00	322.0276	322.03

AD

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Línea : 21 ROCA

Almacén: 213026 DEPOSITO BASE TEMPERLEY



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTO
929	86550514490	RODAMIENTO RADIAL 60x110X25X33	1	7.00	0.0000 + 0.00
930	86550514500	ROD.1HIL.BOLAS 10X30X9MM+	1	0.00	4.8025 0.00
931	86550514530	RODAMIENTO 6203-2RS-SKF	1	0.00	0.0000 + 0.00
932	86550515400	RODAMIENTO 6310 SKF	1	1.00	52.8792 52.88
933	86551511030	ROD.2HIL.BOLAS 17X47X22,2MM.+	1	0.00	27.8999 0.00
934	86553010920	R2H.ROD.ESF.A ROT.60X110X28MM.	1	0.00	101.8266 0.00
935	86553015300	RODAMIENTO EQ. SKF22324 CW33C3	1	0.00	970.5464 0.00
936	89020721050	LATON	4	0.00	0.0000 + 0.00
937	89110310400	ARANDELA PLA/RED P/TUERC EXAGO	4	0.00	3.6452 0.00
938	89110310550	ARAND.PLANA REDON.P/TUERC.EXAG	4	0.00	3.6452 0.00
939	89110310600	ARAND.PLANA P/T.D.INT.25MM 45M	4	0.00	3.5493 0.00
940	89110310700	ARANDELA	4	0.00	3.6452 0.00
941	89110310800	ARAN.INT.36MM EXT.62MM.ESP.5MM	4	0.00	4.8397 0.00
942	89112731700	ARAND.DE PRESION DI.INT.19,5mm	4	0.00	4.1188 0.00
943	89112731800	ARAND.DE PRESION DIA.I.22,7 mm	4	0.00	4.1188 0.00
944	89112731850	ARAND.PRESION DIA.INT.26mm.	4	0.00	4.1188 0.00
945	89128530810	BULONES CAB.EXAG.LONG.NOM.6,3mm.	4	0.00	3.4590 0.00
946	89128531050	BULONES CAB.EXAG.LONG.100mm.	4	0.00	3.5525 0.00
947	89128531320	BULON CABEZA Y TUERCA EXAGONAL	4	0.00	3.0079 0.00
948	89128531410	1	4	0.00	5.0131 0.00
949	89128531470	BULONES DE 5/16"X2"	4	0.00	2.9076 0.00
950	89128531890	BULONES CAB.EXAG.LONG.25mm.	4	0.00	3.4892 0.00
951	89128531950	BULONES CAB.EXAG.LONG.38mm.	4	0.00	3.5834 0.00
952	89128531980	BULONES	4	0.00	11.4788 0.00
953	89128532010	BULONES CAB.EXAG.LONG.50mm.	4	0.00	3.5834 0.00
954	89128532070	BULONES CAB.EXAG.LONG.63mm.	4	0.00	3.9102 0.00
955	89128532130	BULONES CAB.EXAG.LONG.76mm.	4	0.00	2.6977 0.00
956	89128532330	BULONES CAB.EXAG.LONG.175mm.	4	0.00	4.3113 0.00
957	89128532350	BULON CABEZA Y TUERCA EXAGONAL	4	0.00	4.3113 0.00
958	89128532660	BULONES CAB.EXAG.LONG.25mm.	4	0.00	3.0079 0.00
959	89128532720	BULON	4	0.00	4.3762 0.00
960	89128532740	BULONES CAB.EXAG.LONG.50mm.	4	0.00	2.5742 0.00
961	89128532780	BULONES CAB.EXAG.LONG.63mm.	4	0.00	3.9102 0.00
962	89128532820	BULONES CAB.EXAG.LONG.76mm.	4	0.00	4.0365 0.00
963	89128532880	BULONES CAB.EXAG.LONG.100mm.	4	0.00	2.7493 0.00
964	89128532890	BULONES CAB.EXAG.LONG.110mm.	4	0.00	2.7493 0.00
965	89128533560	BULONES CAB.EXAG.LONG.63mm.	4	0.00	2.5742 0.00
966	89128533680	BULONES CAB.EXAG.LONG.90mm.	4	0.00	2.6977 0.00
967	89128534550	BULONES CAB.EXAG.DE 10 HILOS	4	0.00	4.4278 0.00
968	89155531950	CHAVETAS	1	0.00	0.0171 0.00
969	89155532100	PASADORES DE 1,8 x 44mm.	1	0.00	0.0147 0.00
970	89155533000	PASADORES 3,7 x 38mm.	1	0.00	0.0701 0.00
971	89155533850	PASADORES 4,7 x 76mm.	1	0.00	0.0902 0.00
972	89155535050	PASADORES DE ALETA TIPO F	1	130.00	0.2870 37.31
973	89209912750	TORNILLOS P/MADERA 75 MM	1	21500.00	0.1391 # 2990.65
974	89210112850	TORNILLO 60 MM	1	110.00	0.1391 # 15.30
975	89265141100	CADENA DE ACERO	4	0.00	22.9100 0.00
976	89265141200	CADENA	4	0.00	23.9298 0.00
977	89331250100	BANDERA ROJA 380X460 mm	1	0.00	3.1921 0.00
978	89996413429	PERNOS	1	8.00	0.0139 0.11
979	90003620000	ZAPATA DE FRENO	1	690.00	18.0473 12452.64
980	90011610000	PALETA BARRIDO LIMPIAFARABRISA	1	0.00	11.3749 0.00
981	90026360000	JUNTA	1	11.00	8.5468 94.01
982	90027140000	ARO "O" 31,7MM(1.1/4")DIA.EXT.	1	0.00	0.2468 0.00
983	90027620000	JUNTAS	1	19.00	0.0000 + 0.00
984	90027930000	ARO"O" FARKERN02-011,7,65/11/21	1	12.00	0.2135 2.56
985	90027980000	VALVULA	1	3.00	0.1391 # 0.42
986	90028080000	MANIJA	1	3.00	0.1391 # 0.42

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 18

Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	RESORTE
987	90028170000	ANILLO "0" DE 3/8"	1	18.00	0.1130 2.03
988	90028740000	VALVULA PILOTO	1	1.00	435.8956 435.90
989	90029960000	DIAFRAGMA CHICO	1	20.00	38.6128 772.26
990	90029970000	DIAFRAGMA GRANDE	1	20.00	43.4395 868.79
991	90030200000	VALVULA CTRL.	1	3.00	1384.4512 4153.35
992	90030860000	JUNTA	1	17.00	1.5039 25.57
993	90031250000	ANILLO	1	4.00	0.1391 # 0.56
994	90031420000	RESORTE	1	5.00	0.1391 # 0.70
995	90032220000	JUNTA	1	13.00	0.1391 # 1.01
996	90035590000	JUNTA	1	7.00	0.1391 # 0.97
997	90036000000	COLECTOR	1	5.00	0.1391 # 0.70
998	90036020000	JUNTA E/VALVULA Y SOPORTE	1	12.00	2.2652 27.18
999	90048460000	ANILLO	1	0.00	0.1391 # 0.00
1000	90048550000	DIAFRAGMA VALVULA SELECTOR	1	0.00	10.5637 0.00
1001	90052270000	DIAFRAGMA	1	27.00	13.7850 372.20
1002	90052430000	ARANDELAS	1	0.00	3.0610 0.00
1003	90057310000	CAMPANA DE ALARMA	1	5.00	93.2446 466.22
1004	90060020000	ARO	1	8.00	0.1391 # 1.11
1005	90062470000	EMPAQUETADORA	1	0.00	24.4295 0.00
1006	90064030000	ARO "0"	1	1.00	30.0789 30.00
1007	90064120000	DIAFRAGMA DE LA VALVULA	1	13.00	13.7391 178.61
1008	90067890000	ANILLO "0" 2 1/8"	1	100.00	3.0890 308.90
1009	90075000000	PISTON	1	10.00	0.1391 # 1.39
1010	90075400000	ANILLO "0" DE 1 1/2"	1	21.00	0.3396 7.13
1011	90075500000	ARO "0"	1	11.00	0.1740 1.91
1012	90075550000	ARO "0"	1	4.00	1.2987 5.19
1013	90075560000	DIAFRAGMA	1	10.00	2.5065 25.07
1014	90075570000	ARO "0"	1	8.00	1.5514 12.41
1015	90075790000	DIAFRAGMA	1	0.00	2.0052 0.00
1016	90076920000	JUNTA	1	10.00	0.1391 # 1.39
1017	90077120000	VALVULA	1	1.00	1396.0628 1396.06
1018	90077180000	JUNTA	1	1.00	0.0000 + 0.00
1019	90077190000	JUNTA	1	1.00	55.3452 55.35
1020	90077700000	EMPAQUETADURA TAPA P/PISTON	1	42.00	30.0600 1262.52
1021	90111160000	VALVULA	1	48.00	4.1210 197.01
1022	90111170000	S/D	1	60.00	0.0000 + 0.00
1023	90117510000	MOTOR	1	0.00	92.6302 0.00
1024	90118120000	JGO.REP.	1	42.00	0.0210 336.00
1025	90119830000	JGO./PARTES	1	31.00	0.1391 # 4.31
1026	90191590000	GRIFO	1	0.00	0.0000 + 0.00
1027	90195050000	INTERRUPTOR	1	0.00	209.5500 0.00
1028	90197350000	BURLETE	3	0.00	5.1263 0.00
1029	90197830000	CERRADURA MANO IZQUIERDA	1	0.00	124.3884 0.00
1030	90197840000	CERRADURA M/DERECHA COMP.	1	0.00	124.3884 0.00
1031	90197860000	RESORTE CERRADURA IZQUIERDA	1	0.00	1.0026 0.00
1032	90197880000	RESORTE CERRADURA DERECHA	1	0.00	1.8339 0.00
1033	90197900000	RESOR.TEN.P/CERRADU.DERE.IZQUI	1	0.00	0.6016 0.00
1034	90197910000	CASQUILLO CERRADURA IZQUIERDA	1	15.00	1.5039 22.56
1035	90197920000	CASQUILLO DE CERRADURA DERECHA	1	15.00	1.5039 22.56
1036	90197960000	RESORTE P/PESTILLO CERR.IZQ.	1	0.00	0.0020 0.00
1037	90197970000	RESORTE P/PESTILLO CERR.DERECH	1	0.00	0.0020 0.00
1038	90198070000	VASTAGO 12,7X12,7X139,6MM.	1	0.00	0.1391 # 0.00
1039	90198820000	JUNTA	1	0.00	0.0000 + 0.00
1040	90198910000	JUNTA	1	1.00	0.0000 + 0.00
1041	90199900000	RELEVADOR G.R.	1	2.00	100.2630 200.53
1042	90199940000	JUNTA	1	51.00	10.0262 511.34
1043	90200070000	JUNTA	1	0.00	0.1391 # 0.00
1044	90200120000	JUNTA DE COBRE	1	0.00	0.2737 0.00

ANEXO

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 19

Línea : 21 ROCA

Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94

Precios al: 31/07/94

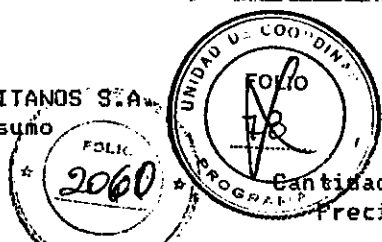
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1045	90200150000	JUNTA P/TAPON DE COBRE	1	0.00	0.5818	0.00
1046	90200160000	ARANDELA DE COBRE	1	0.00	0.1391 #	0.00
1047	90200180000	CODO TURBO	1	0.00	0.1391 #	0.00
1048	90200380000	TORNILLO M10x110	1	0.00	0.1391 #	0.00
1049	90200440000	TUERCA DE ACERO	1	0.00	0.0858	0.00
1050	90200450000	ARANDELA FLANA	1	0.00	0.1391 #	0.00
1051	90200520000	TORNILLO	1	0.00	0.1391 #	0.00
1052	90200550000	MANGA DE UNION	1	0.00	1.2699	0.00
1053	90200570000	MANGA DE UNION CAMB.DE CALOR	3	0.00	3.3800	0.00
1054	90200670000	ANILLO DE GOMA	1	0.00	0.1391 #	0.00
1055	90200690000	ANILLO DE GOMA	1	0.00	0.1391 #	0.00
1056	90200890000	TORNILLO 12X110X1,5	1	0.00	0.7504	0.00
1057	90201450000	TRONILLO M20x94	1	0.00	16.8968	0.00
1058	90201620000	ANILLO DE SIERRA	1	0.00	0.1391 #	0.00
1059	90201660000	RESPIRADERO COMPLETO	1	0.00	0.1391 #	0.00
1060	90201790000	TUERCA	1	0.00	0.1391 #	0.00
1061	90202700000	TAPON	1	0.00	9.8667	0.00
1062	90203590000	EJE (LADO OPUESTO AL CILINDRO)	1	0.00	2.1290	0.00
1063	90203770000	EJE DEL LADO DEL CILINDRO	1	0.00	48.0820	0.00
1064	90203870000	PERNO PARA PORTA ZAPATA	1	0.00	8.4837	0.00
1065	90203940000	TORNILLO 12 x 60 mm.	1	0.00	0.1391 #	0.00
1066	90204820000	ARANDELAS PLANAS	1	0.00	0.1391 #	0.00
1067	90204990000	TORNILLO M6x20	1	0.00	0.1133	0.00
1068	90206790000	TORNILLO 20x120mm.	1	0.00	2.6157	0.00
1069	90206800000	ACOPLAMIENTO ELASTICO	1	0.00	1122.5547	0.00
1070	90206810000	GUARNICION	1	0.00	9.8287	0.00
1071	90206830000	ANILLO	1	0.00	0.1391 #	0.00
1072	90209150000	ANILLO	1	0.00	3.7047	0.00
1073	90209350000	VALVULA DE SEGURIDAD	1	0.00	144.0857	0.00
1074	90209760000	TORNILLO 8X55X1,25	1	0.00	0.1391 #	0.00
1075	90209850000	TORNILLO 8X22X1,5	1	0.00	0.2035	0.00
1076	90210400000	TORNILLO PARA ASIENTO	1	0.00	0.1419	0.00
1077	90211320000	TORNILLO M.10x25 mm.	1	0.00	0.0441	0.00
1078	90215370000	TUERCA ESP. PARA TUBO DE BLOQ.	1	0.00	0.3681	0.00
1079	90216440000	TORNILLO	1	0.00	0.1391 #	0.00
1080	90217020000	VITREAS	1	0.00	115.2744	0.00
1081	90218800000	BUJE	1	0.00	0.1391 #	0.00
1082	90218810000	JUNTA	1	0.00	0.1391 #	0.00
1083	90219060000	TORNILLO	1	0.00	3.8473	0.00
1084	90219220000	TORNILLO 8X35X1,25	1	0.00	0.1391 #	0.00
1085	90219230000	EQUILIBRADOR PERSIANA	1	0.00	20.0526	0.00
1086	90223060000	CRISTAL PARA VENTANA	1	0.00	12.5328	0.00
1087	90223070000	CRISTAL PARA VENTANA MOVIL	1	0.00	8.2216	0.00
1088	90223080000	GUARNICION CRISTAL	3	0.00	2.5749	0.00
1089	90223460000	CANAL PARA CRISTAL	1	0.00	1.1028	0.00
1090	90223560000	VIDRIO PARA VENTANA	1	0.00	15.4700	0.00
1091	90224530000	CRISTAL DE LUNA TEMPLADO	1	0.00	11.0289	0.00
1092	90224540000	VIDRIO P/FUERTA DE SEGURIDAD	1	0.00	11.4700	0.00
1093	90230000000		1	0.00	38.2512	0.00
1094	90232900000	FUENTE DE BATERIA	1	0.00	0.1391 #	0.00
1095	90233150000	CORREAS EN V.C.90	1	0.00	11.9313	0.00
1096	90234270000	VALVULA	1	0.00	8.9831	0.00
1097	90234510000	GENERADOR UNIFICADO	1	0.00	96.6405	0.00
1098	90234940000	PERILLA	1	0.00	0.1391 #	0.00
1099	90240490000	PERNO LATERAL	1	0.00	10.0262	0.00
1100	90270350000	JUNTA	1	0.00	0.2245	0.00
1101	90270390000	TUERCA	1	0.00	0.0000 +	0.00
1102	90270390009	TUERCA	1	0.00	0.0000 +	0.00

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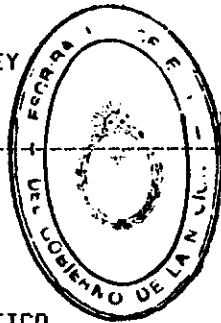
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Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
1103	90271150000	ANILLO DE GOMA	1	0.00	30.9116	0.00
1104	90271160000	TUBO	1	0.00	0.1391 #	0.00
1105	90271230000	ZAPATA DE HIERRO	1	0.00	26.0397	0.00
1106	90272280000	DISCO	1	0.00	555.1646	0.00
1107	90276220000	BURLETE	1	0.00	0.0000 +	0.00
1108	90348000000	MOTOR LIMP. NEUMATICO	1	0.00	35.0920	0.00
1109	90421130000	TUERCA DE ACERO	1	0.00	0.2005	0.00
1110	90432090000	TORNILLO 6X15X1	1	0.00	0.1391 #	0.00
1111	90435180000	TUERCAS	1	0.00	1.1257	0.00
1112	90438250000	TUBO	1	0.00	0.2840	0.00
1113	90440240000	JUNTA	1	0.00	0.1391 #	0.00
1114	90441150000	FILTRO	1	0.00	0.1374	0.00
1115	90502350000	MANGA DE GOMA COMPLETA	1	12.00	35.0920	421.10
1116	90510750000	ZAPATA DE COMPOSICION RECTA	1	0.00	26.4995	0.00
1117	90615120000	JUNTA	1	69.00	4.2232	291.40
1118	90615200000	JUNTA DE LA TAPA	1	80.00	1.9030	152.24
1119	90615210000	JUNTA	1	0.00	0.2866	0.00
1120	90615270000	JUNTA	1	190.00	1.9735	374.97
1121	90615290000	JUNTA E/CAB.Y TAPA BAJA PRESI.	1	150.00	1.1248	168.72
1122	90619000000	JUNTA	1	20.00	0.1391 #	2.78
1123	90621890000	TORNILLO AC.CAB.EX.	1	6.00	0.2206	1.32
1124	90622160000	ESPARRAGO NC.12,7-13H/NF12,7MM	1	0.00	2.2249	0.00
1125	90625400000	RESISTENCIA 8 OHMS-400W.	1	1.00	120.3156	120.32
1126	90626680000	JUNTA	1	2.00	0.6016	1.20
1127	90626750000	TUERCA	1	12.00	1.2355	14.83
1128	90639010000	FUSIBLE DE 80 A 250	1	0.00	8.5805	0.00
1129	90639020000	FUSIBLE CALEFA.CABINA 70A250 V	1	0.00	6.9077	0.00
1130	90639040000	FUSIBLE 150 A. 250 V.	1	0.00	15.0394	0.00
1131	90639050000	FUSIBLE P/CIRCUI.ARRANQUE400AN	1	0.00	28.4734	0.00
1132	90640460000	TUERCA AC.EX.NC.9,5 MM.	1	80.00	25.7647	2061.18
1133	90645340000	TORNILLO AC.C.EX.NC.14,2MM	1	15.00	5.2495	78.74
1134	90645660000	INTERRUPTOR ROTATIVO 30A-230V.	1	3.00	319.9416	959.82
1135	90645670000	INTERRUPTOR	1	0.00	9.3257	0.00
1136	90645790000	CONDUCTO AIRE FLEXIBLE	1	12.00	100.2630	1203.16
1137	91302750000	TOR.CAB.EX.NF.19,05X114MM.16H.	1	11.00	3.8131	41.94
1138	91304020000	TUERCA AC.SEG.NF9,5MM-24H	1	3.00	1.0026	3.01
1139	91304030000	TUERCA AC.SEG.NF12,7MM-20H	1	40.00	0.6016	24.06
1140	91304040000	TUERCA AC.SEG.NF25,4MM-14H	1	10.00	0.8020	8.02
1141	91304050000	TUERCA1.1/2"-12HILOS EXAGONAL	1	1.00	0.1391 #	0.14
1142	91304090000	TUERCA	1	13.00	0.1391 #	1.81
1143	91304120000	TUERCA SEGURIDAD .N010 32H	1	66.00	0.1391 #	9.18
1144	91304210000	ARANDELA BR.FLANA RED.N010	1	33.00	0.1002	3.31
1145	91304220000	CODO REDONDO 900	1	7.00	7.0183	49.13
1146	91304250000	VALVULA PARA DRENAJE	1	1.00	47.4873	47.49
1147	91304260000	PERNO 3,94X41,2MM	1	66.00	0.1391 #	9.19
1148	91304370000	TUERCA AC.NF19,05-16H	1	111.00	0.2005	22.26
1149	91304410000	ESPIGA(1/2") X 44,4 MM.	1	4.00	0.1391 #	0.56
1150	91304440000	BRIDA DE ACOPLAMIENTO	1	1.00	154.3138	154.31
1151	91304460000	TUERCA AC.NF25,4MM-14H	1	4.00	52.5231	210.09
1152	91304570000	CERROJO DE LA TAPA	1	20.00	20.0526	401.05
1153	91304590000	JUNTA	1	13.00	0.6139	7.98
1154	91304650000	TUERCA DEL BUJE AISLANTE	1	27.00	0.1391 #	3.76
1155	91304760000	CEMENTO ADHESIVO P/SELLO FIELT	1	0.00	20.0526	0.00
1156	91305010000	TERMINAL OREJA AISLADO N010	1	0.00	0.6185	0.00
1157	91305020000	TERMI.OREJA AISLA.6,35MM.(1/4"	1	0.00	0.6762	0.00
1158	91305050000	MANOMETRO DE PRESION	1	0.00	76.7729	0.00
1159	91305080000	TORN.AC.5/16"-18HX32"-PHILIPS	1	9.00	0.1391 #	1.25
1160	91305160000	TUERCA	1	25.00	0.1391 #	3.48

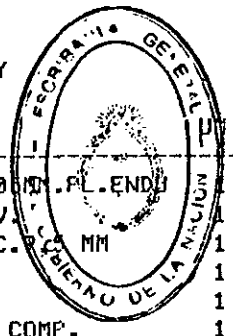
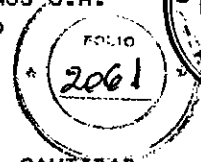
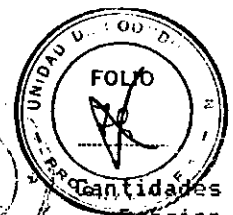


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Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1161	91305230000	ARAND.3/4"DIAM.19,0MM.FL.ENDU	13.00	0.1391 #	1.81
1162	91305260000	INTERRUPTOR 2A.126V.	8.00	71.7400	573.92
1163	91305270000	TUERCA AC.EX.SEG.NC. 10MM	66.00	0.1391 #	9.18
1164	91305300000	GRIFO P/DRENAJE	9.00	5.3565	48.21
1165	91305310000	VOLANTE P/VALVULA	6.00	0.5013	3.01
1166	91305340000	CERRADURA P/FUERTA COMP.	5.00	40.1052	200.53
1167	91305410000	JUNTA ENTRE FILTRO Y CUERPO	5.00	8.4158	42.09
1168	91305420000	PERNO AISLADO P/MONTAJE STANDA	8.00	10.0262	80.21
1169	91305610000	ESPARRAGO COMPLETO CONTACTO	2.00	0.1391 #	0.28
1170	91305630000	FUENTE P/CONTACTO MOVIL	86.00	0.1391 #	11.96
1171	91305850000	PERNO AISLADO P/MONTAJE 0,051	8.00	10.0262	80.21
1172	91306770000	ARANDELA SEG.DENT.INT.N06	700.00	0.0100	7.00
1173	91307170000	MANIJA DEL CERROJO	1.00	0.1391 #	0.14
1174	91307230000	CONECTOR PARA CABLE 1100/24	28.00	58.1525	1628.27
1175	91307260000	TERMINAL OREJA S/AISL.6,35MM.	20.00	0.0701	1.40
1176	91307300000	TERMINAL OREJA 7,9MM(5/16")DIA	60.00	2.9076	174.46
1177	91307330000	TERMINAL OREJA S/AISL.23MM DIA	13.00	2.9076	37.80
1178	91307430000	MANGUITO AISLADOR DE GOMA	9.00	0.1391 #	1.25
1179	91307500000	TAPON C.CUAD.DREN.ACEITE	4.00	0.3050	1.22
1180	91307880000	CODO 900 EXT. (1/2")	7.00	0.1391 #	0.97
1181	91308030000	TUERCA 1.1/2"-38,1MM. AC.EX.	2.00	0.1391 #	0.28
1182	91308060000	TORN.CAB.EX.NC.22,2MM.(7/8")	18.00	7.7612	139.70
1183	91308150000	S/D	2.00	0.1391 #	0.28
1184	91308160000	CONECTOR	8.00	18.6412	149.13
1185	91308180000	CODO E/MANOMETRO Y CAÑO 1/4"	8.00	49.8290	398.63
1186	91308310000	JUNTA	5.00	2.5065	12.53
1187	91308380000	NIPLE 1/2"D/IRAM 15 X 101 MM.	6.00	23.6339	141.80
1188	91308780000	BUJE AISLANTE DE RECEPTACULO	66.00	0.1391 #	9.18
1189	91309070000	SHUNT 300A-75MV	1.00	60.1578	60.16
1190	91309090000	CINTA DE ASBESTOS	75.00	10.0262	751.97
1191	91309120000	TERM.OREJA SIN AISL.4,3MM.DIA.	0.00	0.1002	0.00
1192	91309210000	TERMINAL OREJA S/AISL.19,05MM	5.00	0.1203	0.60
1193	91309220000	TERM.OREJA 5/16" S/AISLADOR	16.00	0.1391 #	2.23
1194	91309230000	TERM.OREJA 1,2"(12,7MM)SIN/AIS	14.00	0.1391 #	1.95
1195	91309270000	TERMINAL OREJA S/AISL.7,9MM	90.00	0.1391 #	12.52
1196	91309300000	CODO.RED.900 INT.DE 3/4"	6.00	6.0158	36.09
1197	91309320000	RECTIFICADOR 5 PLACAS 0,6A80V.	2.00	5.0131	10.03
1198	91309510000	INTERRUPTOR 8A-125W	4.00	10.0262	40.10
1199	91309570000	RESISTENCIA AJUST.3000HMS-25W	1.00	15.0394	15.04
1200	91309600000	TRAMPA DE ACEITE	10.00	15.0394	150.39
1201	91309630000	TUERCA AC.EX.NF38,1MM-12H	6.00	31.0907	186.59
1202	91309640000	ACOPLAMIENTO FLEXIBLE	0.00	774.7379	0.00
1203	91309700000	MANGUITO DE GOMA P/CABLE 1100	11.00	0.1391 #	1.53
1204	91309710000	MANGA FLEXIBLE NPT.(1/4")	3.00	51.4337	154.30
1205	91309740000	ACOPLAMIENTO FLEXIBLE	5.00	467.5344	2337.67
1206	91309860000	CONECTOR TIPO BAYONETA	3.00	11.3173	33.95
1207	91309890000	SOPLADOR DE ARCO P/CONTACTOR	1.00	0.1391 #	0.14
1208	91309910000	TERMINAL OREJA	140.00	0.4407	61.70
1209	91309940000	INTERLOCK AUX.2NO-2NC.	2.00	0.1391 #	0.28
1210	91309970000	RESISTENCIA 100 OHMS-100 W	2.00	67.7462	135.49
1211	91310010000	SHUNT 50MV-1000A P/AMPERIM.	2.00	150.3945	300.79
1212	91310020000	LAMPARA BAYONETA 6W-80V.	29.00	2.9190	84.65
1213	91310080000	CAPACITOR 1000MF-150V.CC.	0.00	10.0262	0.00
1214	91310090000	CAPACITOR 500MF-200V CC.	1.00	0.1391 #	0.14
1215	91310120000	RECEPTACULO GOMA B.A ROSCA	0.00	1.0026	0.00
1216	91310130000	BOTON RESTABLEC.DE TIERRA	1.00	4.7123	4.71
1217	91310360000	RECTIFICADOR 1,2 A 80 AMP.	3.00	178.6096	535.83
1218	91310390000	INTERLOCK	5.00	30.0789	150.39

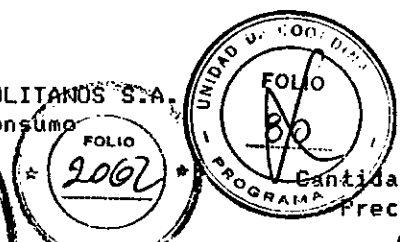
ANEXO

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Línea : 21 ROCA
Almacén: 213026 DEPOSITO BASE TEMPERLEY



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1219	91310550000	PUENTE COMPLETO CONTACTOS	1	0.00	0.00
1220	91310720000	S/D	1	0.1391 #	0.56
1221	91310740000	CONTACTO AUXILIAR	1	15.0394	75.20
1222	91310750000	BOTON DESCONEXION RAP.	1	0.1391 #	0.70
1223	91310860000	INTERRUPTOR 400A-250V	1	300.7892	300.79
1224	91310930000	BRAZO DE CONTACTO	1	0.1391 #	2.92
1225	91311070000	S/D	1	0.1391 #	0.56
1226	91311090000	JUNTA	1	2.5065	12.53
1227	91311100000	INTERRUPTOR ROTATIVO	1	10.0262	200.73
1228	91311110000	INTERRUPTOR	1	62.4860	1187.23
1229	91311120000	INTERRUPTOR	1	0.0000 +	0.00
1230	91311140000	LLAVE ROT.3 POS.30A-230V	1	294.2440	3236.68
1231	91311260000	RECTIFICADOR CARGA BATERIA	1	419.4560	419.46
1232	91311280000	INTERRUPTOR 4 POS.30A-230V	1	60.1578	0.00
1233	91311350000	INTERRUPTOR 2 POSI.30A.500V.	1	150.3945	150.39
1234	91311400000	INTERLOCK AUXILIAR	1	10.0262	30.00
1235	91311620000	PRESIOSTATO	1	0.1600	0.48
1236	91311760000	INTERRUPTOR PALANCA 6A.125V.	1	20.1354	0.00
1237	91311820000	S/D	1	0.1391 #	0.14
1238	91311940000	JUNTA	1	3.9067	74.23
1239	91312020000	S/D	1	0.1391 #	0.28
1240	91312050000	S/D	1	0.1391 #	1.25
1241	91312100000	S/D	1	0.8307	4.90
1242	91312110000	S/D	1	0.8136	4.80
1243	91312120000	JUNTA	1	2.6791	10.72
1244	91312210000	MANGA COMPLETA	1	0.00	0.00
1245	91312290000	S/D	1	16.00	2.23
1246	91312390000	VALVULA DE RETENCION	1	0.4115	2.80
1247	91312550000	RECTIFICADOR 0,15A.80V.	1	14.7805	29.56
1248	91312630000	S/D	1	0.1391 #	0.42
1249	91312740000	S/D	1	0.1391 #	0.56
1250	91312760000	S/D	1	0.1391 #	0.28
1251	91312770000	RECTIFICADOR 0,15A.80V.	1	124.5992	498.40
1252	91312790000	PISTON	1	0.00	0.00
1253	91312890000	LAMPARA 48V.-2,5W.	1	0.3007	1.80
1254	91312920000	RECTIFICADOR CON DIODO SIL.	1	0.1391 #	1.11
1255	91312930000	CONTACTO	1	0.0000 +	0.00
1256	91312960000	INTERRUPTOR ROTATIVO 10A.125V.	1	20.0526	120.32
1257	91313000000	RECEPTACULO DE 16 POLOS	1	120.3156	0.00
1258	91313040000	INTERRUPTOR 15A.74V.	1	42.1104	0.00
1259	91313050000	INTERRUPTOR 30A.74V.	1	39.3031	864.67
1260	91313060000	INTERRUPTOR 30A.75V.	1	20.0526	80.21
1261	91313080000	INTERRUPTOR 40A.74V.	1	40.1052	0.00
1262	91313090000	INTERRUPTOR 15A.74V.	1	10.0262	40.10
1263	91313100000	INTERRUPTOR 30A.75V.	1	40.1052	0.00
1264	91313110000	JUNTA	1	10.0262	40.10
1265	91313260000	TUER.AC.EX.SEG.NC.22,2MM.-9H.	1	4.7281	174.94
1266	91313560000	S/D	1	3.5755	14.30
1267	91313570000	CODO	1	0.1391 #	0.83
1268	91313590000	CODO 900NFT 3/8"D/IRAM 10	1	0.1391 #	0.56
1269	91313600000	TOR.F/MONTAJE 1/4"X 6,35MM	1	19.00	5.37
1270	91313700000	TUERCA NPT.3/8"D/IRAM 10	1	7.00	8.42
1271	91313830000	TORNILLO P/MONTAJE 1/4"	1	0.2035	4.68
1272	91314060000	NIPLE E/FILTRO Y BOMBA 1/2"	1	0.1391 #	1.39
1273	91314180000	S/D	1	0.1391 #	3.20
1274	91314290000	TOR.CAB.EXAG.NF.9,5-24H.X63MM.	1	112.00	15.58
1275	91314350000	S/D	1	0.1391 #	0.70
1276	91314300000	TOR.CAB.EX.NC.15,9-11H.X51MM.	1	25.7647	515.29

ANEXO

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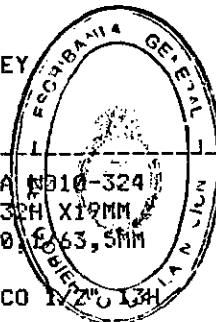
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Línea : 21 ROCA

Almacén: 213026 DEPOSITO BASE TEMPERLEY

Cantidades al: 31/08/94

Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	MONTE
1277	91314490000	TOR.AC.CAB.EX.TAPA N010-324	1	0.00	0.1391 #		0.00
1278	91314520000	TORN.ALLEN N010 3/8" X 19MM	1	7.00	0.1391 #		0.97
1279	91314600000	ARAND.PLANA RED.30 63,5MM	1	50.00	0.8597		42.99
1280	91314800000	ARO	1	7.00	0.0000 +		0.00
1281	91314860000	TORN.CAB.EX.P/DISCO 1 1/2" X 1 3/4"	1	7.00	1.6041		11.23
1282	91314870000	FILTRO	1	0.00	31.2039		0.00
1283	91314930000	S/D	1	2.00	0.1391 #		0.28
1284	91315050000	SELLO ACEITE	1	8.00	1.0026		8.02
1285	91315100000	JUNTA COBRE CAB.CAMISA CILINDR	1	50.00	38.5311		1926.56
1286	91315110000	JUNTAS	1	0.00	0.0000 +		0.00
1287	91315140000	S/D	1	1.00	0.1391 #		0.14
1288	91315400000	JUNTA P/BRIDA	1	3.00	6.6656		20.00
1289	91315440000	LLAVE DE 10A-120V	1	3.00	7.7007		23.10
1290	91315510000	RESORTE P/FORTACONTACTO	1	13.00	0.1391 #		1.81
1291	91316040000	TORN.AC.CAB.EX.15,8(5/8") 11H	1	7.00	0.1391 #		0.97
1292	91316130000		1	3.00	0.1391 #		0.42
1293	91316140000	FILTRO A CARTUCHO	1	0.00	11.4001		0.00
1294	91316160000		1	9.00	248.6524		2237.87
1295	91316170000		1	8.00	0.1391 #		1.11
1296	91316180000		1	4.00	1.7044		6.82
1297	91316190000	"T" NPT.(1/2")D/IRAM 15	1	7.00	0.1391 #		0.97
1298	91316850000	BUJE	1	0.00	31.1846		0.00
1299	91316860000	BUJE	1	0.00	9.0386		0.00
1300	91316870000	BUJE	1	0.00	0.1391 #		0.00
1301	91317190000	FLACA DE SEGURO	1	0.00	4.0984		0.00
1302	91320140000	JUNTAS	1	0.00	0.4622		0.00
1303	91320590000	TUBO	1	0.00	1.4040		0.00
1304	91320710000		1	0.00	0.5859		0.00
1305	91320720000		1	0.00	0.0000 +		0.00
1306	91320730000		1	0.00	0.1391 #		0.00
1307	91320790000	TAPA VALVULA L/DERECHO	1	0.00	0.1749		0.00
1308	91320800000	TAPA VALVULA L/IZQUIERDA	1	0.00	0.1391 #		0.00
1309	91320970000	RETEN DELANTERO	1	0.00	0.5311		0.00
1310	91321010000	RETEN DE ACEITE	1	0.00	99.5721		0.00
1311	91321240000	BIELA	1	0.00	468.4246		0.00
1312	91321270000	COJINETE DE BIELA	1	0.00	49.3761		0.00
1313	91321320000	CONJUNTO	1	0.00	3.5122		0.00
1314	91321510000	ASIENTO DE VALVULA	1	0.00	23.2279		0.00
1315	91322350000	VALVULA ESC.D/MOTOR DIESEL	1	0.00	4.5747		0.00
1316	91323700000		1	0.00	0.0000 +		0.00
1317	91323730000	CAÑO DE INYECTOR	1	0.00	38.8868		0.00
1318	91323740000	CAÑO DE INYECTOR CORTO	1	0.00	1.4530		0.00
1319	91324010000	FILTROS	1	0.00	1.6190		0.00
1320	91324200000	FILTRO	1	0.00	9.0237		0.00
1321	91324310000	MANGUERA FLEXIBLE	1	0.00	10.0262		0.00
1322	91324340000	MANGUERA FLEXIBLE CABEZA IZQ.	1	0.00	10.0262		0.00
1323	91324350000	CODO SALIDA DE FILTRO	1	0.00	0.1391 #		0.00
1324	91325010000	FILTRO ACEITE	1	0.00	8.0210		0.00
1325	91325210000	ELEMENTO REFRIG.ACEITE	1	0.00	0.1391 #		0.00
1326	91325290000	VAL.BIFAS REFRIG.ACEITE	1	0.00	13.8668		0.00
1327	91325500000	JUNTA DE CARTER	1	0.00	0.1391 #		0.00
1328	91325700000	ASIENTO DE VALVULA	1	0.00	0.1391 #		0.00
1329	91325860000	JUEGO REP.BOMBA DE AGUA	1	0.00	0.5198		0.00
1330	91325910000	TERMOSTATO	1	0.00	7.4056		0.00
1331	91327400000	PARADA DE EMERGENCIA	1	0.00	21.7307		0.00
1332	93305940000	VIDRIO OPALINO 118 MM	1	0.00	5.0131		0.00

Subtotal Almacén 515036.06

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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

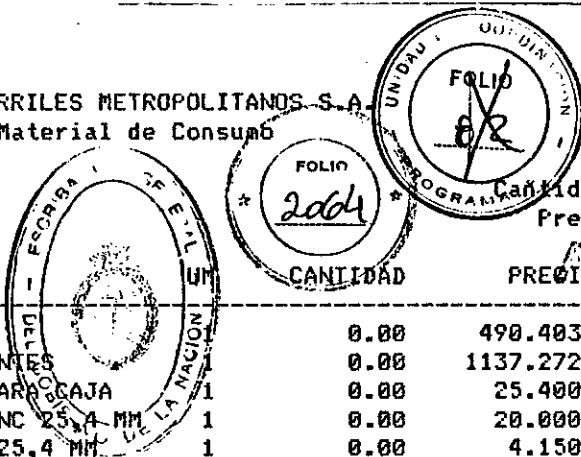
Emisión: 10/11/94

Página: 1

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	ORTE
1	00599900080			0.00	490.4033		0.00
2	00810100830	ENGRANAJE DE 61 DIENTES		0.00	1137.2726		0.00
3	00810115690	TIRA DE SEGURIDAD PARA CAJA	1	0.00	25.4000		0.00
4	00810115710	TORNILLO AC CAB "T" NC 25,4 MM	1	0.00	20.0000		0.00
5	00810115750	TUERCA DE AC EX NC 25,4 MM	1	0.00	4.1500		0.00
6	00820220430	VIDRIO	1	0.00	9.1238		0.00
7	00820223010	VIDRIO P/VENT.FIJA LATERAL	1	0.00	8.0210		0.00
8	00820223070	VIDRIO P/VENT.FIJA LATERAL	1	0.00	6.6173		0.00
9	00820223130	VIDRIO P/VENT.6,35X439,7X630MM	1	0.00	14.0368		0.00
10	00820223270	VIDRIO LAMINOSO	1	0.00	96.8558		0.00
11	00820223510	VIDRIOS 6,35X439,7X630,2 MM.	1	0.00	12.5328		0.00
12	00820225250	VIDRIO LAMINOSO	1	0.00	11.4199		0.00
13	00820225260	VIDRIO LAMINOSO	1	0.00	10.7095		0.00
14	00830200130	JUNTA DE LA TAPA	1	0.00	2.8018		0.00
15	00830200330	JUNTA DE LA BRIDA	1	0.00	0.4907		0.00
16	00830200510	ANILLO INF.F/SOPORTE CILINDRO	1	0.00	25.0657		0.00
17	00830201390		1	0.00	1.0913		0.00
18	00830201510		1	0.00	129.2581		0.00
19	00830202110	JUNTA DE NYLON DEL VOLANTE.	1	0.00	0.1504		0.00
20	00830202170	JUNTA DE TAPA INSPECCION.	1	0.00	1.4037		0.00
21	00830202250	JUNTA DE GOMA PARA VOLANTE	1	0.00	0.3681		0.00
22	00830202770		1	0.00	40.7501		0.00
23	00830203450	SELLO PARA TAPA.	1	0.00	47.5456		0.00
24	00830203490	JUNTA ENTRE BASTIDOR	1	0.00	2.0052		0.00
25	00830203910		1	0.00	2.0859		0.00
26	00830203870	JUNTA ENTRE BLOCK Y BASTIDOR	1	0.00	1.8047		0.00
27	00830203890	JUNTA ENTRE BLOCK Y BAST.INT.	1	0.00	18.3554		0.00
28	00830203950	JUNTA FINAL IMP.ARBOL LEVAS	1	0.00	1.3593		0.00
29	00830204130	JUEGO JUNTA P/TAPA CUB.CAB.SIL	1	0.00	16.9058		0.00
30	00830204350	CILINDRO COMPLETO:	1	0.00	1790.0000		0.00
31	00830204760		1	0.00	11.9744		0.00
32	00830204790	JUEGO DE JUNTA PARA CILINDRO	1	0.00	24.4705		0.00
33	00830205230	CABEZA CILIND.C/VALVULA COMPLE	1	0.00	3.5122		0.00
34	00830205290	CABEZA CILINDRO COMPLETA	1	0.00	1332.0344		0.00
35	00830205730	ARO DE ASIEN TO	1	0.00	38.0999		0.00
36	00830206230	JUEGO JUNTA P/CABEZA DE CILIND	1	0.00	45.1183		0.00
37	00830206270		1	0.00	46.4255		0.00
38	00830206290	JUNTA PASO DE ACEITE AL BALAN.	1	0.00	0.1002		0.00
39	00830206300	SELLO DE LA VALVULA DE PRUEBA	1	0.00	1.0026		0.00
40	00830206330	SELLO ANILLO CIERRE P/F-CALOR	1	0.00	9.5249		0.00
41	00830206340		1	0.00	5.6548		0.00
42	00830206350		1	0.00	9.7145		0.00
43	00830206410	FLECHA DE BALANCIN	1	0.00	212.6985		0.00
44	00830206730	RETEN DEL BOTON DEL INYECTOR	1	0.00	1.3034		0.00
45	00830206750	BOTON DEL PUENTE DE VALVULA	1	0.00	6.1160		0.00
46	00830206770	BALANCIN P/INYECTOR COMPL.	1	0.00	384.1151		0.00
47	00830207490	JUNTA E/ALOJAMIENTO Y BLOCK	1	0.00	5.0131		0.00
48	00830207730	JUNTA P/EL RETEN DE ACEITE	1	0.00	10.0262		0.00
49	00830208010	JUEGO DE JUNTAS P/ALOJAMIENTO	1	0.00	206.6857		0.00
50	00830208430	JUNTA E/ ALOJAM.DISPOS.IMPULS.	1	0.00	8.0210		0.00
51	00830208450	JUNTA E/ALOJAM.DISPOS.S/VEL.*	1	0.00	8.0210		0.00
52	00830208690	JUNTA E/TAPA Y ALOJAMIENTO	1	0.00	5.0131		0.00
53	00830208910	JUNTA ENTRE DISCO Y TAPA:	1	0.00	10.0262		0.00
54	00830208990	SELLO ACEITE DEL EJE SEGURIDAD	1	0.00	1.5039		0.00
55	00830209010	JUNTA E/TAPA ALOJAM.Y FLACA	1	0.00	0.4010		0.00
56	00830209030	JUEGO DE JUNTAS PARA ALOJAM:	1	0.00	49.5896		0.00
57	00830209040		1	0.00	0.4498		0.00
58	00830209060		1	0.00	0.6543		0.00



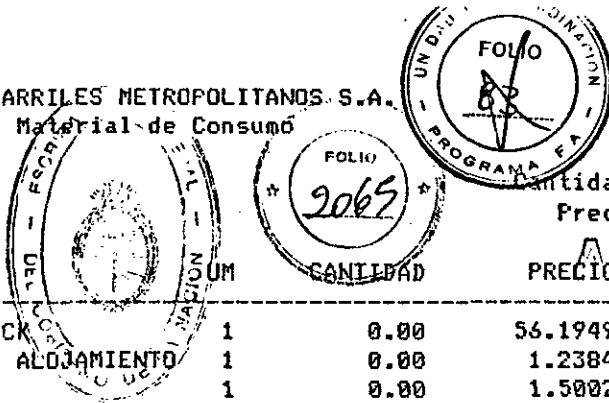
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Línea : 21 ROCA
 Almacén: 213404 REMEDIOS DE ESCALADA

Material de Consumo

Cantidades al: 31/08/94
 Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
59	00830209330	JUNTA E/ALQJ.Y BLOCK	1	0.00	56.1949	0.00
60	00830209790	JUEGO DE JUNTAS DE ALOJAMIENTO	1	0.00	1.2384	0.00
61	00830209810		1	0.00	1.5002	0.00
62	00830221090		1	0.00	46.4459	0.00
63	00830300510	COJINETE DE BANCADA FRONTAL	1	0.00	310.4376	0.00
64	00830300530	COJINETE INFERIOR DE BANCADA	1	0.00	270.1578	0.00
65	00830300570	COJINETE SUP.BANCADA FRONTAL	1	0.00	509.4743	0.00
66	00830300810	COJINETE SUP.BANCADA CENTREL.	1	0.00	440.2041	0.00
67	00830300830	COJINETE INFERIOR DE BANCADA	1	0.00	42858.7629	0.00
68	00830300870	COJINETE SUPERIOR DE BANCADA.	1	0.00	332.4228	0.00
69	00830300890	COJINETE INFERIOR DE BANCADA	1	0.00	221.2780	0.00
70	00830301110	COJINETE SUPERIOR DE BANCADA	1	0.00	455.4510	0.00
71	00830301130	COJINETE INF.DE BANCADA .	1	0.00	270.7102	0.00
72	00830301950	BIELA PATIN DERECHA	1	0.00	902.3675	0.00
73	00830302290	COJINETE BIELA INFERIOR,	1	0.00	518.0334	0.00
74	00830302670	PASADOR 38,1 X 92,06 MM	1	0.00	5.0131	0.00
75	00830302690	RESORTE DE IMPULSION	1	0.00	0.8722	0.00
76	00830302710	ESPIGA ACERO 60,83 MM	1	0.00	4.0105	0.00
77	00830302730		1	0.00	5.3071	0.00
78	00830302810	ESPIGA SOBRE MEDIDA 005"	1	0.00	8.0210	0.00
79	00830303430	ARO RASCA ACEITE(4TO.ARO STD.	1	0.00	20.4108	0.00
80	00830303530	PISTON CON AROS,STANDARD.	1	0.00	727.9097	0.00
81	00830303610	JUEGO DE AROS STD.	1	0.00	200.5261	0.00
82	00830303970		1	0.00	0.0000 +	0.00
83	00830304110	PISTON CON AROS S/M 0;30MM:	1	0.00	1920.0000	0.00
84	00830304630		1	0.00	0.0000 +	0.00
85	00830305750	PERNO DE PISTON	1	0.00	309.0208	0.00
86	00830305790	ARANDELA DE EMPUJE	1	0.00	30.0087	0.00
87	00830305830	SELLO	1	0.00	445.6693	0.00
88	00830305930		1	0.00	0.0000 +	0.00
89	00830401250	BUJE FLOTANTE DEL ENGRANAJE	1	0.00	50.1314	0.00
90	00830403750	JUNTA DE LA TAPA	1	0.00	0.3007	0.00
91	00830403850	JUNTA PARA MONTAJE	1	0.00	1.0026	0.00
92	00830403910	JUNTA E/ EL GOB: Y IMPULSOR	1	0.00	0.3396	0.00
93	00830403970		1	0.00	2.8018	0.00
94	00830403990	JUEGO DE JUNTAS P/IMP.DEL GOB.	1	0.00	4.6417	0.00
95	00830405030	BUJE EN MITADES SUP. INF.	1	0.00	5.7878	0.00
96	00830405470	BUJE P/SOPORTE FRONTAL	1	0.00	49.6568	0.00
97	00830405490	BUJE EXT.ARBOL DE LEVAS	1	0.00	167.0297	0.00
98	00830405510	BUJE PARA SOPORTE FRONTAL	1	0.00	14.5513	0.00
99	00830405530	BUJE DE EXTREMO DE ARBOL LEVAS	1	0.00	28.7756	0.00
100	00830406830		1	0.00	2.0059	0.00
101	00830407510	BUJE DEL IMPULSOR	1	0.00	230.6050	0.00
102	00830407690	JUNTA DE LA TAPA	1	0.00	1.4826	0.00
103	00830407850	JUNTA E/IMPULSOR Y TAPA	1	0.00	46.6696	0.00
104	00830408070	JUNTA PARA LA TAPA	1	0.00	1.0123	0.00
105	00830408090	JUEGO DE JUNTAS	1	0.00	3.0609	0.00
106	00830408110		1	0.00	0.4498	0.00
107	00830410930	VALVULA DE PRUEBA COMPLETA	1	0.00	80.2314	0.00
108	00830500730	SELLO PARA ACEITE.	1	0.00	30.0789	0.00
109	00830500750	JUNTA PARA SELLO DE ACVEITE	1	0.00	2.0052	0.00
110	00830500810	SOPORTE DEL COJINETE.	1	0.00	66.6749	0.00
111	00830500830		1	0.00	37.8766	0.00
112	00830501630	COLLAR DE EMPUJE P/VENTILADOR	1	0.00	112.3723	0.00
113	00830501730		1	0.00	45.6892	0.00
114	00830501850	JUNTA PARA TAPA.	1	0.00	10.0262	0.00
115	00830501890	JUNTA ENTRE SOPORTE Y VENTIL.	1	0.00	6.0158	0.00
116	00830502150	JUEGO DE JUNTAS P. VENT.ROOTS	1	0.00	25.6154	0.00

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Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	TOTAL
117	00830502290	JUNTA ENTRE BLOCK Y SOPORTE.	1	0.00	3.5092
118	00830503390		1	0.00	0.9780
119	00830521270		1	0.00	1.4622
120	00830521310	JUNTA E/BASTID.Y VENTILADOR	1	0.00	3.8866
121	00830600090	INYECTOR	1	0.00	738.0363
122	00830600110	INYECTOR COMPLETO (PL.A352)	1	0.00	511.3416
123	00830601410	JUEGO REPARACION INYECTOR	1	0.00	6.3285
124	00830603290	SELLO	1	0.00	30.0789
125	00830603390		1	0.00	1.1277
126	00830604710	JUNTA ENTRE MULTIPLE Y TUBO.	1	0.00	2.0052
127	00830604730	JUNTA ENTRE MULTIPLE Y TUBO .	1	0.00	1.2031
128	00830604750	TUBERIA COMP.COMBUSTIBLE.	1	0.00	54.1420
129	00830604970	JUNTA ENTRE TUBERIA BLOCK Y M.	1	0.00	0.2658
130	00830605010	JUNTA P/ACOPLE FILTRO Y TUBO.	1	0.00	0.3007
131	00830605030	JUNTA P/ACOPLE FILTRO Y TUBO.	1	0.00	0.8020
132	00830605330	JUEGO DE JUNTAS P/MULTIPLE C.	1	0.00	0.8020
133	00830606210	JUNTA PARA FILTRO COMBUSTIBLE.	1	0.00	12.0316
134	00830606450	JUNTA DEL VASO DE VIDRIO.	1	0.00	0.5013
135	00830606470	VASO DE VIDRIO P/INSPECCION	1	0.00	10.3281
136	00830606530	JUNTA DE ELEMENTO FILTRANTE	1	0.00	0.7771
137	00830606570	JUNTA E/CAJA FILTRO Y CUERPO	1	0.00	4.6417
138	00830607070	JUNTA	1	0.00	2.5768
139	00830607080	SELLO.	1	0.00	0.5013
140	00830607090		1	0.00	0.7771
141	00830607330	VALVULA DE ALIVIO DE 60lbs.GA.	1	0.00	46.1801
142	00830610370	JUNTA ACOFLE SUP. MEDIDOR	1	0.00	0.6817
143	00830610810	JUNTA DEL ACOFLE INF.DEL MED.	1	0.00	0.5013
144	00830611670	VIDRIO PARA MEDIDOR	1	0.00	45.7896
145	00830612410	ELEMENTO DE FILTRO	1	0.00	5.0344
146	00830612450	JUNTA ENTRE TAPA Y CAJA	1	0.00	2.3211
147	00830612590	JUNTA E/CAJA Y CUERPO DE VALV.	1	0.00	1.8303
148	00830613510	BOMBA DE COMBUSTIBLE	1	0.00	332.8733
149	00830613750		1	0.00	2.0859
150	00830613770		1	0.00	2.3211
151	00830613810	JUNTA DE COBRE 0,10MM.(.004")	1	0.00	1.0026
152	00830613830	JUNTA DE COBRE 0,127MM.(.005")	1	0.00	2.9654
153	00830613850	JUNTA DE COBRE 0,15MM.(.006")	1	0.00	3.2108
154	00830614390		1	0.00	23.8160
155	00830702030	JUNTAS P/BOMBAS PRESION ACEITE	1	0.00	17.8321
156	00830703450	JUNTAS P/EXTRACCION ACEITE	1	0.00	7.0183
157	00830703890	JUNTA DE LA TAPA	1	0.00	2.4263
158	00830704670		1	0.00	5.3466
159	00830704950	JUNTA E/CAÑO Y BOMBA DE EXTRAC	1	0.00	2.8073
160	00830705210	SELLO E/TAPAY CODD.	1	0.00	4.0105
161	00830705290	JUNTA E/CODO Y BOMBA PRESION	1	0.00	1.5039
162	00830705450	JUNTA ENTRE TAPA Y CODD.	1	0.00	0.6016
163	00830705690	SELLOE/CODO Y TAPA IMPULSOR	1	0.00	3.4153
164	00830705770	JUNTA E/CODO Y TAPA IMPULSOR	1	0.00	1.1028
165	00830705830	JUNTA DEL TUBO DE ACEITE	1	0.00	0.2819
166	00830706910	JUNTA ENTRE MULTIPLE Y BASTIDO	1	0.00	3.3155
167	00830707050	JUNTA DEL CAÑO DE ACEITE	1	0.00	0.2045
168	00830707210	CAÑO ACEITE P/ENFRIAM.PISTON	1	0.00	54.1420
169	00830707250	JUNTA ENTRE MULTIPLE Y TUBO	1	0.00	0.3007
170	00830708070	JUNTA P/ CAÑO DE ACEITE	1	0.00	0.2005
171	00830708470	JUNTA DE LA BRIDA DEL CAÑO	1	0.00	0.2005
172	00830708530	JUNTA DE LA BRIDA DEL CAÑO	1	0.00	0.6444
173	00830710290	SELLO DEL COLADOR PARA COJINET	1	0.00	16.6437
174	00830710350	JUNTA DEL COLADOR EXTRAC.ACEIT	1	0.00	1.0026

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MORTE
175	00830710590	JUNTA DE LA TAPA	1	0.00	4.2411	0.00
176	00830710890	JUNTA PARA TAPON DRENAJE	1	0.00	3.5092	0.00
177	00830710900		1	0.00	1.0327	0.00
178	00830712170	JUNTA PARA MONTAJE VALVULA	1	0.00	3.0079	0.00
179	00830713130	JUNTA TAPA DE FILTRO	1	0.00	3.8243	0.00
180	00830716790	JUNTA PARA LOS TAPONES	1	0.00	3.3026	0.00
181	00830716890	JUNTA CUERPO VALV.DE ALIVIO	1	0.00	1.8303	0.00
182	00830719230		1	0.00	1.0913	0.00
183	00830719430		1	0.00	0.3423	0.00
184	00830719930		1	0.00	0.8155	0.00
185	00830720130		1	0.00	0.7249	0.00
186	00830721110		1	0.00	125.1955	0.00
187	00830721130		1	0.00	5.2056	0.00
188	00830721150		1	0.00	1.2168	0.00
189	00830721170		1	0.00	6.3809	0.00
190	00830722290	JUNTA P/CODO BOMBA EXTRACCION.	1	0.00	3.5092	0.00
191	00830722330	JUNTA DE CODO ENFR.ACEITE	1	0.00	6.1219	0.00
192	00830730060	JUEGO REPARAC.	1	0.00	69.1814	0.00
193	00830730210		1	0.00	38.6333	0.00
194	00830731530		1	0.00	74.5467	0.00
195	00830800100	IMPULSOR DE LA BOMBA	1	0.00	60.1578	0.00
196	00830800410	IMPULSOR P/BOMBA DE AGUA	1	0.00	261.9054	0.00
197	00830800550	JUNTA DEL ALOJAMIENTO	1	0.00	3.0079	0.00
198	00830800590	JUNTA ENTRE BUJE Y ALOJAMIENTO	1	0.00	0.2263	0.00
199	00830800690	SELLO INTERIOR,DE CARBON	1	0.00	29.9149	0.00
200	00830800770		1	0.00	1.2168	0.00
201	00830801590	JUEGO DE JUNTA P/BOMBA AGUA	1	0.00	15.8909	0.00
202	00830803430	SELLO E/CODO DE BOMBA AL BLOCK	1	0.00	1.9326	0.00
203	00830803070	JUNTA ENTRE BRIDA Y CODO	1	0.00	1.1145	0.00
204	00830804030	JUNTA	1	0.00	0.8647	0.00
205	00830805090	RADIADOR P/ENFRIAM.MOTOR L/IZQ	1	0.00	6128.4795	0.00
206	00830805110	RADIAD.P/ENFRIAM.MOTOR L/DERC.	1	0.00	6128.4795	0.00
207	00830805410	JUNTA ENTRE TAPA Y NUCLEO	1	0.00	37.8339	0.00
208	00830807090	JUNTA P/BRIDA DE RETORNO	1	0.00	5.0822	0.00
209	00830807530		1	0.00	19.1223	0.00
210	00830807920	JUNTAS	1	0.00	3.0079	0.00
211	00830808200		1	0.00	4.1210	0.00
212	00830808610	JUNTA E/TANQ.AGUA Y SAL.RADIA.	1	0.00	5.2049	0.00
213	00830809890		1	0.00	0.9714	0.00
214	00830809930		1	0.00	0.9509	0.00
215	00830810730	JUNTA TAPA TANQUE DE AGUA	1	0.00	53.6143	0.00
216	00830811630		1	0.00	4.0494	0.00
217	00830812370	JUNTA E/CABEZA Y NUCLEO	1	0.00	35.0236	0.00
218	00830812770	TUBO NIVEL 3/4" X 5/8"	1	0.00	6.7490	0.00
219	00830814790	JUNTA DEL ALOJAMIENTO	1	0.00	6.6455	0.00
220	00830815670	JUNTA.	1	0.00	4.0105	0.00
221	00830819610		1	0.00	4.1210	0.00
222	00830819950	SELLO DE GOMA	1	0.00	8.5925	0.00
223	00830821450		1	0.00	0.2862	0.00
224	00830821470		1	0.00	0.3222	0.00
225	00830822480		1	0.00	0.2658	0.00
226	00830909090	JUNTA PARA PLACA.	1	0.00	5.5983	0.00
227	00830912290	JUNTA E/CIL.DE FUERZA Y TAPA	1	0.00	1.0026	0.00
228	00850100510	RODAMIENTO A RODILLO	1	0.00	266.0030	0.00
229	00850100690	SELLO DE ACEITE L/RADIADOR	1	0.00	13.4051	0.00
230	00850100710	JUNTA	1	0.00	3.1415	0.00
231	00850100730	JUNTA	1	0.00	4.6645	0.00
232	00850101170	JUNTA	1	0.00	4.9427	0.00

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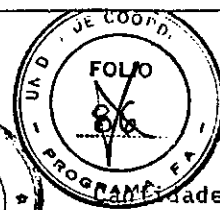
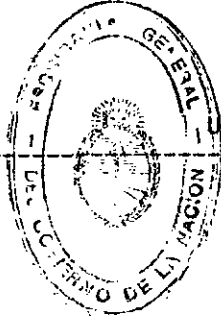
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 5

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Fechas al: 31/08/94
Precios al: 31/07/94



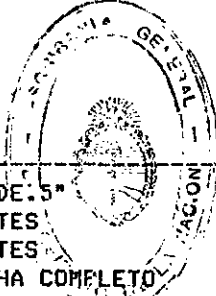
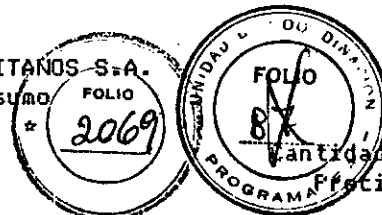
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233	00850101230	JUNTA	1	0.00	1.1428	0.00
234	00850101350		1	0.00	3.6039	0.00
235	00850101410	JUNTA	1	0.00	4.2114	0.00
236	00850101430	JUNTA	1	0.00	0.3987	0.00
237	00850103970	AROS	1	0.00	63.5477	0.00
238	00850104050	JGO.AROS	1	0.00	140.9565	0.00
239	00850104230	ARO/ALTA	1	0.00	34.0894	0.00
240	00850104310	JUEGO ARO DE ALTA PRESION	1	0.00	30.0789	0.00
241	00850104490	CILIND.D.P.	1	0.00	630.0003	0.00
242	00850104870	JUNTA	1	0.00	2.7698	0.00
243	00850104890	JUNTA	1	0.00	1.8018	0.00
244	00850105310	JUNTA	1	0.00	11.1866	0.00
245	00850105430		1	0.00	35.0123	0.00
246	00850106110	PISTON B/VACIO	1	0.00	200.5261	0.00
247	00850106870	ARO	1	0.00	29.5648	0.00
248	00850106910	ARO	1	0.00	48.9205	0.00
249	00850106930	ARO	1	0.00	63.4344	0.00
250	00850107030	BUJE	1	0.00	15.8171	0.00
251	00850107150	COJINETES P/BIELAS STD.	1	0.00	21.3961	0.00
252	00850107180	COJINETE	1	0.00	33.9802	0.00
253	00850109130	JUNTA	1	0.00	1.7281	0.00
254	00850109140		1	0.00	1.5546	0.00
255	00850109210		1	0.00	3.5273	0.00
256	00850109250	JUNTA	1	0.00	3.1714	0.00
257	00850110130		1	0.00	0.5763	0.00
258	00850110510		1	0.00	6.3233	0.00
259	00850110950		1	0.00	2.6463	0.00
260	00850110970		1	0.00	4.4175	0.00
261	00850112610		1	0.00	63.9220	0.00
262	00850114010	VALVULA DESCARGA BAJA	1	0.00	175.4603	0.00
263	00850114050	VALVULA	1	0.00	228.5997	0.00
264	00850114070	VALVULA ALTA	1	0.00	228.5997	0.00
265	00850114110	VALVULA DE SUCCION DE BAJA PRES	1	0.00	228.5997	0.00
266	00850114390	JUNTA	1	0.00	1.5960	0.00
267	00850114410		1	0.00	22.8823	0.00
268	00850114430		1	0.00	15.5083	0.00
269	00850114470	VALVULA	1	0.00	23.4068	0.00
270	00850114670		1	0.00	0.7411	0.00
271	00850114850		1	0.00	0.3681	0.00
272	00850114950	JUNTA	1	0.00	0.3909	0.00
273	00850115410		1	0.00	1.0502	0.00
274	00850115730	JUNTA P/TAPA	1	0.00	1.9634	0.00
275	00850115810	JUNTA	1	0.00	0.8544	0.00
276	00850120390		1	0.00	2.6564	0.00
277	00850602390		1	0.00	31.5545	0.00
278	00860400010	REGULADOR DE VOLTAJE COMPLETO	1	0.00	995.6688	0.00
279	00860401030	REGULADOR DE VOLTAJE ESTATICO	1	0.00	1509.4604	0.00
280	00862916000		1	0.00	0.6279	0.00
281	00870100520		1	0.00	24437.7955	0.00
282	00870100650	ACEITERO EXTERIOR	1	0.00	317.5138	0.00
283	00870100690	ACEITERO INTERIOR.	1	0.00	317.5138	0.00
284	00870100710	RETEN DEL RODAMIENTO.	1	0.00	200.5261	0.00
285	00870100770	ALOJAMIENTO TAPA RODAMIENTO.	1	0.00	407.0518	0.00
286	00870107590	ESCOBILLA DE CARBON DE.8	1	0.00	12.4526	0.00
287	00870303550	PORTA ESCOBILLA COMPLETO.	1	0.00	65.3134	0.00
288	00870800950	TORNILLO CAB.EXAG.35 MM 6 H.	1	0.00	9.4447	0.00
289	00870802930	PORTAESCOBILLA DE MT.	1	0.00	253.6655	0.00
290	00870803850	ESCOBILLA	1	0.00	11.0289	0.00

ANEXO

AP

A

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Quantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
291	00870803870	ESCOBILLA TIPO "DE.5"	1	0.00	14.4178	0.00
292	00870811250	PINON DE 16 DIENTES	1	0.00	704.8278	0.00
293	00870811300	PINON DE 17 DIENTES	1	0.00	849.4779	0.00
294	00870811910	LUBRICADOR A MECHA COMPLETO	1	0.00	91.7407	0.00
295	00870811970	JUEGO COMP.DE MECHA Y RESORTES	1	0.00	69.2599	0.00
296	00870812030	MECHA DE LUBRICAC.DE 1 PIEZA	1	0.00	33.0868	0.00
297	00870813450	COJINETE SOP.2034 ST.	1	0.00	597.7343	0.00
298	00870813490	COJINETE SOP.MOTOR TRACCION	1	0.00	788.2220	0.00
299	01590300080		1	0.00	33.7863	0.00
300	01590300090		1	0.00	69.9859	0.00
301	01590300100		1	0.00	10.8598	0.00
302	01590300110		1	0.00	12.0665	0.00
303	10000002850	ARRAZADERAS P/CANO DE 2"	1	184.00	0.0000 +	0.00
304	10000002860	ABRAZADERAS GRANDES P/CANO 2"	1	150.00	0.0000 +	0.00
305	10000002870	ABRAZADERAS GRAN.P/CANO DE 7/8	1	294.00	0.0000 +	0.00
306	10000002880	ABRAZ.P/CANO DE 4"	1	44.00	0.0000 +	0.00
307	10000002890	ABRAZ.P/CANO DE 2"	1	71.00	0.0000 +	0.00
308	10000002900	ABRAZ.P/CANO 1"	1	280.00	0.0000 +	0.00
309	10000002910	SUJETADORES P/CABLES PLASTIC.	1	250.00	0.0000 +	0.00
310	10000002920	EMPALMES "PERILLI"	1	6.00	0.0000 +	0.00
311	10000002930	TUERCAS Y CONTRAT.P/CANOS 4"	1	207.00	0.0000 +	0.00
312	10000002940	TUERCAS Y CONTRAT.P/CANOS 6"	1	20.00	0.0000 +	0.00
313	10000002950	MORCETOS P/CABLES DE 10 A 35MM	1	240.00	0.0000 +	0.00
314	10000002960	CAJAS FUNDICION DE ALUMINIO	1	11.00	0.0000 +	0.00
315	10000002970	CAJAS DE CHAPA P/TABLERO	1	6.00	0.0000 +	0.00
316	10000002980	CAJAS DE CHAPA P/TABL.C/CERRAD	1	2.00	0.0000 +	0.00
317	10000002990	CAJA DE CHAPA COMUNES	1	8.00	0.0000 +	0.00
318	27020404750		1	0.00	867.3410	0.00
319	27020404950		1	0.00	605.9506	0.00
320	27022302010		1	0.00	3.1021	0.00
321	27022700110		1	0.00	279.1037	0.00
322	27022700130		1	0.00	277.5204	0.00
323	27022701010		1	0.00	19.3064	0.00
324	27022701050		1	0.00	19.3064	0.00
325	27022701810		1	0.00	21.7197	0.00
326	27022702150		1	0.00	21.7197	0.00
327	27022703310	MANIJA CON VASTAGO	1	0.00	3.5092	0.00
328	27022705010		1	0.00	277.5204	0.00
329	27022742590		1	0.00	38.6799	0.00
330	27030508220		1	0.00	36.9171	0.00
331	27050101570		1	0.00	0.0000 +	0.00
332	27051700860		1	0.00	28.3187	0.00
333	27051701110	TULIPA DE 2 LUCES	1	0.00	6.5171	0.00
334	27051701490	ARTEFACTO P/1 LAMPARA	1	0.00	38.8385	0.00
335	27051701500		1	0.00	12.3572	0.00
336	27051701630	TULIPA	1	0.00	3.6094	0.00
337	27052100470		1	0.00	140.5309	0.00
338	41210100130	EJE MONTADO MOTRIZ	1	0.00	0.0000 +	0.00
339	41210100630	JUNTA	1	9.00	0.0000 +	0.00
340	41210100890	CHAVETA	1	10.00	0.0000 +	0.00
341	41210100920		1	0.00	0.0000 +	0.00
342	41210101260	RUEDA	1	63.00	0.0000 +	0.00
343	41210101320		1	0.00	1188.9071	0.00
344	41210101430		1	0.00	0.0000 +	0.00
345	41210101460		1	0.00	0.0000 +	0.00
346	41210101540		1	0.00	0.0000 +	0.00
347	41210101630		1	0.00	0.0000 +	0.00
348	41210101660	TAPA FRONTAL	1	2.00	0.0000 +	0.00

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

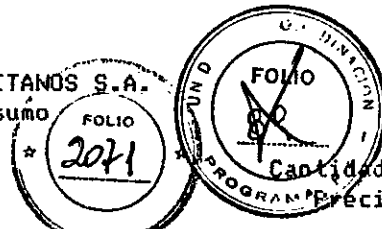
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349	41210101710		1	0.00	0.0000 +	0.00
350	41210101740	PLACA SEGURIDAD	1	6.00	0.0000 +	0.00
351	41210101770		1	0.00	0.0000 +	0.00
352	41210101780		1	0.00	0.0000 +	0.00
353	41210101800	ESPARRAGO	1	49.00	0.0000 +	0.00
354	41210101860		1	0.00	0.0000 +	0.00
355	41210101920	ARANDELA	1	0.00	0.0000 +	0.00
356	41210101950		1	0.00	0.0000 +	0.00
357	41210102060	CONJUNTO DE RESORTES	1	47.00	0.0000 +	0.00
358	41210102090	CONJUNTO DE RESORTES	1	47.00	0.0000 +	0.00
359	41210102140		1	0.00	0.0000 +	0.00
360	41210102170	ASIENTO PUNTA DE EJE	1	0.00	0.0000 +	0.00
361	41210102200	SUPLEMENTO RESORTE	1	0.00	0.0000 +	0.00
362	41210102480	BUJE	1	275.00	0.0000 +	0.00
363	41210102560	COLIZA	1	375.00	0.0000 +	0.00
364	41210102660	BUJE	1	38.00	0.0000 +	0.00
365	41210102730	BUJE	1	191.00	0.0000 +	0.00
366	41210102860	PERNO	1	8.00	0.0000 +	0.00
367	41210103010	ARANDELA ELASTICA	1	75.00	0.0000 +	0.00
368	41210103120	TORNILLO FIJACION	1	15.00	0.0000 +	0.00
369	41210103150	TOPE DE GOMA	1	46.00	0.0000 +	0.00
370	41210103490	CHAPA IDENTIFICACION	1	104.00	0.0000 +	0.00
371	41210103610	PERNO	1	4.00	0.0000 +	0.00
372	41210103640	TUERCA	1	24.00	0.0000 +	0.00
373	41210103700	ARANDELA	1	14.00	0.0000 +	0.00
374	41210103910	RESORTE	1	23.00	0.0000 +	0.00
375	41210103920	RESORTE	1	23.00	0.0000 +	0.00
376	41210103960	AMORTIGUADOR	1	29.00	0.0000 +	0.00
377	41210103990	PERNO LAT. SOPORTE	0	8.00	0.0000 +	0.00
378	41210104030	PLACCA DE DESGASTE	1	32.00	0.0000 +	0.00
379	41210104060	PLACA DE DESGASTE	1	96.00	0.0000 +	0.00
380	41210104070	PERNO ROSCADO	0	8.00	0.0000 +	0.00
381	41210104130	PLACA DE DESGASTE	1	45.00	0.0000 +	0.00
382	41210104350	TOPE DE GOMA	1	61.00	0.0000 +	0.00
383	41210104470	PERNO	1	78.00	0.0000 +	0.00
384	41210104490	BUJE DE HIERRO	1	127.00	0.0000 +	0.00
385	41210104600	PERNO	1	16.00	0.0000 +	0.00
386	41210104630	PERNO	1	15.00	0.0000 +	0.00
387	41210104660	PERNO	1	31.00	0.0000 +	0.00
388	41210104700	PERNO	1	30.00	0.0000 +	0.00
389	41210104830	TUERCA	1	16.00	0.0000 +	0.00
390	41210104960	ARANDELA	1	108.00	0.0000 +	0.00
391	41210105200	UNIDAD DE FRENO	1	6.00	0.0000 +	0.00
392	41210105210	UNIDAD DE FRENO	1	10.00	0.0000 +	0.00
393	41210105220	UNIDAD DE FRENO	1	2.00	0.0000 +	0.00
394	41210105230	UNIDAD DE FRENO	1	1.00	0.0000 +	0.00
395	41210105380	ZAPATAS DE FRENO	1	0.00	26.5190	0.00
396	41210105760	PERNO ROSCADA	1	42.00	0.0000 +	0.00
397	41210106190	PASTILLA DE FRENO	1	546.00	90.5892	49461.70
398	41210106270		1	0.00	0.0000 +	0.00
399	41210106410	PERNO SOPORTE PAST.	1	17.00	0.0000 +	0.00
400	41210107100	PERNO PALANCA FRENO	1	57.00	0.0000 +	0.00
401	41210107660	ANILLO COLECTOR	1	15.00	0.0000 +	0.00
402	41210107680	ESCOBILLA	1	147.00	0.0000 +	0.00
403	41210107780	RESORTE	1	46.00	0.0000 +	0.00
404	41210107800	EMPAQUETADURA	1	210.00	0.0000 +	0.00
405	41210107820	TUBO AISLANTE	1	20.00	0.0000 +	0.00
406	41210108700	SOPORTE	1	4.00	0.0000 +	0.00

ANEXO

4

[Handwritten signature]

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Cantidades al: 31/08/94
Precios al: 31/07/94

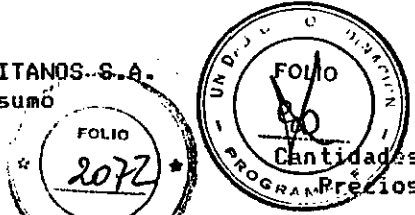
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMORTE
407	41210108840	CAPUCHON DE GOMA	1	10.00	0.0000 +	0.00
408	41210108860	ANILLO DE TRABA	1	2.00	0.0000 +	0.00
409	41210108880	PASASDOR	1	17.00	0.0000 +	0.00
410	41210108900	ACOPLE DE ENGRANAJE	1	8.00	0.0000 +	0.00
411	41210109020	ANILLO O RING	1	253.00	0.0000 +	0.00
412	41210109030	ANILLO O RING	1	50.00	0.0000 +	0.00
413	41210109160	PASADOR	1	142.00	0.0000 +	0.00
414	41210109180	ALAMBRE	3	10.00	0.0000 +	0.00
415	41210109720		1	0.00	0.0000 +	0.00
416	41220501000	ESCALERAS	1	50.00	0.0000 +	0.00
417	41221015000		1	0.00	0.0000 +	0.00
418	41221015020		1	0.00	0.0000 +	0.00
419	41221015060	MARCO DE FIJACION	1	6.00	0.0000 +	0.00
420	41221015320	BANDA DE GOMA	1	12.00	0.0000 +	0.00
421	41221015860		1	3.00	0.0000 +	0.00
422	41222000010	PUERTA CORREDIZA	1	0.00	0.0000 +	0.00
423	41222000030	PUERTA CORREDIZA	1	0.00	0.0000 +	0.00
424	41222000090	SEGURO	1	80.00	0.0000 +	0.00
425	41222001000	VIDRIOS LAMINOSOS 909 X 399	1	0.00	14.3075	0.00
426	41222001200	BURLETE PUERTA LATERAL	3	0.00	0.0000 +	0.00
427	41222004000	PESTILLO	1	5.00	0.0000 +	0.00
428	41222007500	PUERTA COMPLETA	1	1.00	0.0000 +	0.00
429	41222008360	VENTANILLA LATERAL	1	0.00	0.0000 +	0.00
430	41222008520	VIDRIO VENTANILLA DE PUERTA	1	17.00	11.7721	200.13
431	41222009220	BISAGRA	1	9.00	0.0000 +	0.00
432	41222010320		1	0.00	0.0000 *	0.00
433	41222014010	PUERTA FRONTAL	1	0.00	0.0000 +	0.00
434	41222014650	VIDRIO PUERTA	1	0.00	20.4453	0.00
435	41222014790	TRABA	1	5.00	0.0000 +	0.00
436	41222014930		1	0.00	0.0000 *	0.00
437	41222014970		1	0.00	0.0000 +	0.00
438	41222015210	CERRADURA	1	0.00	0.0000 +	0.00
439	41222015230	MANIJA FRON.SIN TRABA	1	0.00	0.0000 +	0.00
440	41222015240		1	0.00	0.0000 +	0.00
441	41222015250	MANIJA C/TRABA	1	0.00	0.0000 +	0.00
442	41222015270	PLACA TRABA	1	0.00	0.0000 +	0.00
443	41222015370		1	0.00	0.0000 +	0.00
444	41222015490		1	12.00	0.0000 +	0.00
445	41222500010		1	0.00	0.0000 +	0.00
446	41222500560		1	0.00	0.0000 *	0.00
447	41222500640	FLEJE DE CERRADURA	1	0.00	4.6533	0.00
448	41222500720	EJE	1	0.00	0.0000 +	0.00
449	41222500740	MANIJA DE PUERTA	1	0.00	0.0000 +	0.00
450	41222500760	MANIJA	1	0.00	0.0000 +	0.00
451	41222501020		1	0.00	0.0000 +	0.00
452	41222501420		1	4.00	0.0000 +	0.00
453	41222501440		1	4.00	0.0000 +	0.00
454	41222501460		1	0.00	0.0000 +	0.00
455	41222501590		1	4.00	0.0000 +	0.00
456	41222501620	PLACA DE FIJACION	1	10.00	0.0000 +	0.00
457	41222502000		1	0.00	0.0000 +	0.00
458	41222505060		1	0.00	4.9390	0.00
459	41222509260		1	6.00	0.0000 +	0.00
460	41222509270		1	5.00	0.0000 +	0.00
461	41222561010		1	2.00	0.0000 +	0.00
462	41222561390		1	6.00	0.0000 +	0.00
463	41222561410		1	7.00	0.0000 +	0.00
464	41222561530		1	3.00	0.0000 +	0.00

ANEXO

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	IMPORTE
465	41222561550	ARANDELA DE HIERRO	1	3.00	0.0000 +		0.00
466	41222561570		1	0.00	0.0000 *		0.00
467	41223000010	VENTANILLA SUPERIOR	1	0.00	0.0000 +		0.00
468	41223000330	HOJA CRISTAL	1	0.00	13.0088		0.00
469	41223000640	VENTANILLA INFERIOR	1	0.00	0.0000 +		0.00
470	41223000700	VIDRIO	1	0.00	11.4701		0.00
471	41223000900	FIJADORES	1	0.00	0.0000 +		0.00
472	41223001220	PERSIANA	1	65.00	0.0000 +		0.00
473	41223008000	VIDRIO FRONTAL CONDUCTOR	1	0.00	67.9517		0.00
474	41223008020	VIDRIO FRONTAL ACOMP.	1	0.00	71.6601		0.00
475	41223100030		3	0.00	4.4483		0.00
476	41223100050		3	0.00	3.0890		0.00
477	41223100070		1	0.00	2.5947		0.00
478	41223100090	CORDON DE GOMA	3	5.00	0.7122		3.56
479	41223100110		3	0.00	0.5763		0.00
480	41224000070	ASIEN TO FIJO	1	0.00	0.0000 +		0.00
481	41224002020	COLCHON COMPLETO	1	0.00	0.0000 +		0.00
482	41224005000	ASIEN TO REBATIBLE	1	8.00	0.0000 +		0.00
483	41224005300	APOYA BRAZO	1	0.00	0.0000 +		0.00
484	41224005460	DECORATIVA	1	257.00	0.0000 +		0.00
485	41224005580	APOYA BRAZO	1	0.00	0.0000 +		0.00
486	41224005800	RESPALDO DEL ASIEN TO	1	2.00	120.3156		240.63
487	41224005880		1	0.00	0.0000 +		0.00
488	41224006090	AGARRADERA METALICA	1	1.00	0.0000 +		0.00
489	41224006150	ASIEN TO TAPIZADO	1	1.00	115.3024		115.30
490	41224006210	MATERIAL ACOLCHADO	1	74.00	0.0000 +		0.00
491	41224008000	ASIEN TO REBATIBLE	1	4.00	0.0000 +		0.00
492	41224010500	ASIEN TO FIJO	1	0.00	0.0000 +		0.00
493	41224010520	ASIEN TO FIJO	1	0.00	0.0000 +		0.00
494	41224012000		1	0.00	0.0000 +		0.00
495	41224015020	ASIEN TO FIJO	1	0.00	0.0000 +		0.00
496	41224015040		1	2.00	0.0000 +		0.00
497	41224015280	PLACA	1	0.00	0.0000 +		0.00
498	41224015320	ARANDELA	1	6.00	0.0000 +		0.00
499	41224015640	COLCHON COMPLETO	1	0.00	0.0000 +		0.00
500	41224015720	MATERIAL ACOLCHADO	1	90.00	0.0000 +		0.00
501	41224015880	ASIEN TO FIJO	1	1.00	0.0000 +		0.00
502	41224015980	MATERIAL	1	49.00	0.0000 +		0.00
503	41224016120	TELA	1	79.00	0.0000 +		0.00
504	41224018000	ASIEN TO	1	0.00	0.0000 +		0.00
505	41228000180	AGARRADERA DE MANO	1	72.00	0.0000 +		0.00
506	41228000200	AGARRADERA PLASTICA	1	75.00	0.0000 +		0.00
507	41228001070	MENSULA	1	44.00	0.0000 +		0.00
508	41228001090	MENSULA SOPORTE	1	42.00	0.0000 +		0.00
509	41228001110	BARRA	1	15.00	0.0000 +		0.00
510	41233000050	ACOFLADOR	1	0.00	0.0000 +		0.00
511	41233000110		1	0.00	0.0000 +		0.00
512	41233000210		1	0.00	0.0000 +		0.00
513	41233000230		1	0.00	0.0000 +		0.00
514	41233000250		1	0.00	0.0000 +		0.00
515	41233000290		1	0.00	0.0000 +		0.00
516	41233000330		1	0.00	0.0000 +		0.00
517	41233000430	COLLAR	1	6.00	0.0000 +		0.00
518	41233000510	PLACA	1	4.00	0.0000 +		0.00
519	41233000550	AMORTIGUADOR	1	0.00	0.0000 +		0.00
520	41233000670	SOPORTE	1	16.00	0.0000 +		0.00
521	41233000790	RESORTE	1	0.00	0.0000 +		0.00
522	41233000810	RESORTE	1	5.00	0.0000 +		0.00

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 10

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

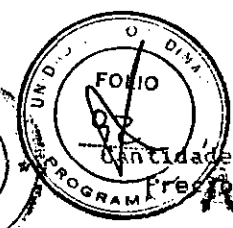
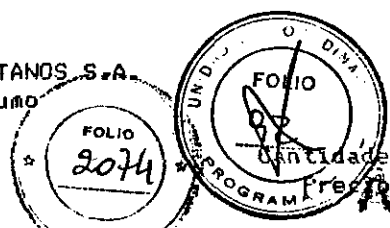
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
523	41233002010		1	0.00	0.0000 +	0.00
524	41233006410		1	0.00	0.0000 +	0.00
525	41233010010	CONJUNTO	1	1.00	0.0000 +	0.00
526	41233010180	TERMINAL	1	45.00	0.0000 +	0.00
527	41233010200	TERMINAL	1	103.00	0.0000 +	0.00
528	41233010220	AISLADOR	1	0.00	0.0000 +	0.00
529	41233010240	AISLADOR	1	0.00	0.0000 +	0.00
530	41233010260	TERMINAL	1	86.00	0.0000 +	0.00
531	41233010600		1	0.00	0.0000 *	0.00
532	41233016700		1	0.00	0.0000 +	0.00
533	41233016720		1	0.00	0.0000 +	0.00
534	41233016740		1	0.00	0.0000 +	0.00
535	41233016760		1	0.00	0.0000 +	0.00
536	41233016780		1	0.00	0.0000 +	0.00
537	41233016800		1	0.00	0.0000 +	0.00
538	41233016960	VALVULA	1	25.00	0.0000 +	0.00
539	41233020000	LLAVE ACOPLA	1	1.00	0.0000 +	0.00
540	41233020080	LLAVE DE OPERACION	1	2.00	0.0000 +	0.00
541	41233021000	ACOPLE	1	4.00	0.0000 +	0.00
542	41233021060	JUNTA	1	20.00	0.0000 +	0.00
543	41233021100	AISLADOR	1	0.00	0.0000 +	0.00
544	41233021120	AISLADOR	1	2.00	0.0000 +	0.00
545	41233021160	SEGMENTO	1	2.00	0.0000 +	0.00
546	41233021180	SEGMENTO	1	5.00	0.0000 +	0.00
547	41233021190	SEGMENTO	1	1.00	0.0000 +	0.00
548	41233021200	SEGMENTO DE CONTACTO	1	5.00	0.0000 +	0.00
549	41233021220	SEGMENTO	1	1.00	0.0000 +	0.00
550	41233021260	ANILLO	1	10.00	0.0000 +	0.00
551	41233021900	CONJUNTO	1	6.00	0.0000 +	0.00
552	41233022200	JUNTA	1	2.00	0.0000 +	0.00
553	41233022220	AISLADOR	1	3.00	0.0000 +	0.00
554	41233022240	AISLADOR	1	3.00	0.0000 +	0.00
555	41233022260	AISLADOR	1	5.00	0.0000 +	0.00
556	41233022280	AISLADOR	1	5.00	0.0000 +	0.00
557	41233022300	AISLADOR	1	3.00	0.0000 +	0.00
558	41233022320	AISLADOR	1	2.00	0.0000 +	0.00
559	41233022360	CONJUNTO	1	0.00	0.0000 +	0.00
560	41233022380		1	0.00	0.0000 +	0.00
561	41233022400		1	0.00	0.0000 +	0.00
562	41233022420	TERMINAL	1	3.00	0.0000 +	0.00
563	41233022440	TERMINAL	1	1.00	0.0000 +	0.00
564	41233022460	TERMINAL	1	3.00	0.0000 +	0.00
565	41233023000	TAPA COMPLETA	1	4.00	0.0000 +	0.00
566	41250100010	PANTOGRAFO	1	1.00	0.0000 +	0.00
567	41250100070	PATIN PRINCIPAL	1	0.00	155.4077	0.00
568	41250100090	PATIN AUXILIAR	1	0.00	13.1809	0.00
569	41250100190		1	0.00	0.0000 +	0.00
570	41250100510	BUJE	1	0.00	0.0000 +	0.00
571	41250100530		1	0.00	0.0000 +	0.00
572	41250100550	BUJES	1	0.00	0.0000 +	0.00
573	41250100570	BUJE	1	0.00	0.0000 +	0.00
574	41250100590		1	0.00	0.0000 +	0.00
575	41250100670		1	0.00	0.0000 +	0.00
576	41250100690	COLLAR	1	0.00	0.0000 +	0.00
577	41250100710	RESORTE	1	110.00	0.0000 +	0.00
578	41250100730	RESORTE	1	120.00	0.0000 +	0.00
579	41250100770	ABRAZADERA	1	38.00	0.0000 +	0.00
580	41250100790	ABRAZADERA	1	16.00	0.0000 +	0.00

ANEXO

AD

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Quantidades al: 31/08/94
Presupuesto: 31/07/94

ANEXO

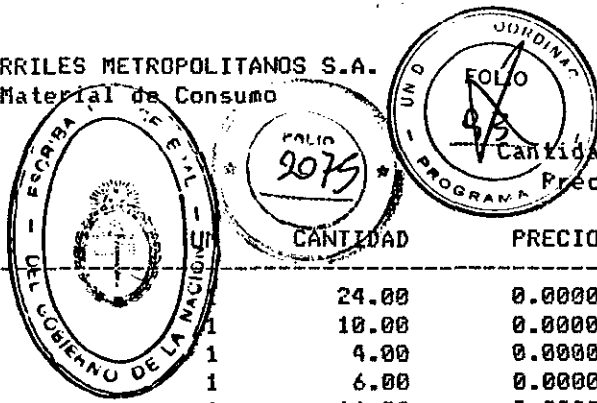
#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
581	41250100050	BUJE PANTAGRAFO	1	0.00	0.0000 + 0.00
582	41250100070	BUJE PANTOGRAFO	1	0.00	0.0000 + 0.00
583	41250101270		1	0.00	0.0000 + 0.00
584	41250101290	BUJES	1	0.00	0.0000 + 0.00
585	41250101470	BASTIDOR	1	19.00	0.0000 + 0.00
586	41250102090	COJINETE	1	0.00	0.0000 + 0.00
587	41250104180	RODAMIENTO	1	39.00	0.0000 + 0.00
588	41250104640	TAPON DE GOMA	1	1.00	0.0000 + 0.00
589	41250108000	AISLADOR	1	9.00	0.0000 + 0.00
590	41250108500	AISLADOR	1	1.00	0.0000 + 0.00
591	41250700020	INTERRUPTOR	1	2.00	0.0000 + 0.00
592	41250700120		1	0.00	0.0000 + 0.00
593	41250702720	CONTACTO MOVIL	1	100.00	0.0000 + 0.00
594	41250702800	EMPAQUETADURA	1	44.00	0.0000 + 0.00
595	41250702860	EMPAQUETADURA	1	119.00	0.0000 + 0.00
596	41250703160	CUERPO FIJO	1	0.00	0.0000 + 0.00
597	41250705160	AISLADOR	1	1.00	0.0000 + 0.00
598	41250705320	CANAL	1	80.00	0.0000 + 0.00
599	41250708000	CONTACTO	1	92.00	0.0000 + 0.00
600	41250709000	VALVULA	1	4.00	0.0000 + 0.00
601	41250709100	EMPAQUETADURA	1	190.00	0.0000 + 0.00
602	41250713000	CONECTOR	1	2.00	0.0000 + 0.00
603	41250713680	CONTACTOR	1	0.00	0.0000 + 0.00
604	41250716000	CANALIZADOR	1	9.00	0.0000 + 0.00
605	41250718500	AISLADOR	1	3.00	0.0000 + 0.00
606	41250719500	RELEVADOR	1	2.00	0.0000 + 0.00
607	41250720000		1	0.00	0.0000 + 0.00
608	41250800010	MOTOR TRACCION	1	0.00	0.0000 + 0.00
609	41250800030	CONJUNTO DE INDUCIDO	1	16.00	0.0000 + 0.00
610	41250800050	VENTILADOR	1	5.00	0.0000 + 0.00
611	41250800230	BOBINA	1	0.00	0.0000 + 0.00
612	41250800270	PORTA ESCOBILLA	1	2.00	0.0000 + 0.00
613	41250800470	PORTA ESCOBILLAS	1	5.00	0.0000 + 0.00
614	41250800930	COJINETE	1	131.00	0.0000 + 0.00
615	41250801430	ESCOBILLAS MOTOR DE TRACCION	1	380.00	16.0420 6095.96
616	41250801450	PORTA ESCOBILLAS	1	20.00	0.0000 + 0.00
617	41251100010		1	0.00	0.0000 + 0.00
618	41251600050	VOLTIMETRO	1	3.00	0.0000 + 0.00
619	41251600250	VOLTIMETRO	1	2.00	0.0000 + 0.00
620	41252100010	RECTIFICADOR	1	2.00	0.0000 + 0.00
621	41252101680	RESISTOR	1	121.00	0.0000 + 0.00
622	41252101760	COLUMNA DE TIRISTORES	1	0.00	0.0000 + 0.00
623	41252101800	ALETA	1	17.00	0.0000 + 0.00
624	41252102260	CAPACITOR	1	44.00	0.0000 + 0.00
625	41252102420	RELEVADOR	1	10.00	0.0000 + 0.00
626	41252102500	BANCO DE DIODO	1	0.00	0.0000 + 0.00
627	41252102560	ALETA	1	10.00	0.0000 + 0.00
628	41252103020	DIODO RECTIF.PRINC.	1	14.00	0.0000 + 0.00
629	41252103040	CAPACITOR	1	47.00	0.0000 + 0.00
630	41252103730	RESISTOR	1	84.00	0.0000 + 0.00
631	41252103790	RELEVADOR	1	10.00	0.0000 + 0.00
632	41252104390	RELEVADOR	1	0.00	0.0000 + 0.00
633	41252110800	UNIDAD	1	0.00	0.0000 + 0.00
634	41252111280	RESISTOR	1	0.00	0.0000 + 0.00
635	41252111520	RELEVADOR	1	0.00	0.0000 + 0.00
636	41252112380		1	18.00	0.0000 + 0.00
637	41252112600	UNIDAD	1	0.00	0.0000 + 0.00
638	41252114500	VENTILADOR	1	3.00	0.0000 + 0.00

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
639	41252115200	RESISTOR	24.00	0.0000 +	0.00
640	41252115720	EMPAQUETADURA	10.00	0.0000 +	0.00
641	41252115780	TRANSFORMADOR	4.00	0.0000 +	0.00
642	41252115800	TRANSFORMADOR	6.00	0.0000 +	0.00
643	41252117600	REACTOR	16.00	0.0000 +	0.00
644	41252118600	UNIDAD	10.00	0.0000 +	0.00
645	41260300010	CAJA DE EMPALME	4.00	0.0000 +	0.00
646	41260300500	EQUIPO	4.00	0.0000 +	0.00
647	41260304500	GAVETA	0.00	0.0000 +	0.00
648	41260330010	CAJA COMPLETA	1.00	0.0000 +	0.00
649	41260332690	CONTACTOR	0.00	0.0000 +	0.00
650	41260332710	CONTACTOR	0.00	0.0000 +	0.00
651	41260334000	CAJA COMPLETA	2.00	0.0000 +	0.00
652	41260335750	RELE DE TIEMPO	0.00	0.0000 +	0.00
653	41260700030	CONTROL DE MARCHA	0.00	0.0000 +	0.00
654	41260700450	ARBOL DE LEVA	2.00	0.0000 +	0.00
655	41260701050	ARBOL DE LEVA	4.00	0.0000 +	0.00
656	41260702270	RESORTE	2.00	0.0000 +	0.00
657	41261500010	CONTROLADOR PRINCIP.COMP.	0.00	0.0000 +	0.00
658	41261501440		0.00	0.0000 +	0.00
659	41261504060	RELE	0.00	0.0000 +	0.00
660	41261504780	RELE	0.00	0.0000 +	0.00
661	41261505060	RELEVADOR	3.00	0.0000 +	0.00
662	41261507720	CONTACTOR	27.00	0.0000 +	0.00
663	41261507960		0.00	0.0000 +	0.00
664	41261508240		11.00	0.0000 +	0.00
665	41261508360	PUNTA DE CONTACTO	0.00	0.0000 +	0.00
666	41261508680	UNIDAD	1.00	0.0000 +	0.00
667	41261509040	MOTOR	3.00	0.0000 +	0.00
668	41261510660	RELEVADOR	1.00	0.0000 +	0.00
669	41261511720	DISPOSITIVO	3.00	0.0000 +	0.00
670	41261511740	CONTACTO	189.00	0.0000 +	0.00
671	41261700220	CONECTOR	12.00	0.0000 +	0.00
672	41261700320	CONECTOR	12.00	0.0000 +	0.00
673	41261704500		3.00	0.0000 +	0.00
674	41261708000	GAVETA COMPLETA	0.00	0.0000 +	0.00
675	41261715000	BOBINA DE ATS	0.00	0.0000 +	0.00
676	41261716000	BOTON	0.00	0.0000 +	0.00
677	41262100020	CAJA DE VCB	2.00	0.0000 +	0.00
678	41262100060	RELE SOBRE CARGA	0.00	0.0000 +	0.00
679	41262100760	RELEVADOR VCB	0.00	0.0000 +	0.00
680	41262103340	CONTACTOR	2.00	0.0000 +	0.00
681	41262103640	CANALIZADOR	3.00	0.0000 +	0.00
682	41262103860	LENGUETA	108.00	0.0000 +	0.00
683	41262104600	CONTACTOR	0.00	0.0000 +	0.00
684	41262105490	RELEVADOR	0.00	0.0000 +	0.00
685	41262105720	RECEPTACULO	9.00	0.0000 +	0.00
686	41262105740	RELE AUXILIAR	3.00	0.0000 +	0.00
687	41262110020	CAMARA	4.00	0.0000 +	0.00
688	41262110040		0.00	0.0000 +	0.00
689	41262110060		0.00	0.0000 +	0.00
690	41262110360		0.00	0.0000 +	0.00
691	41262200020	TACO	0.00	0.0000 +	0.00
692	41270100030		0.00	0.0000 +	0.00
693	41270100250	ESCOBILLA DE MOTO ALTERNADOR	200.00	0.0000 +	0.00
694	41270100540	COJINETE	0.00	0.0000 +	0.00
695	41270100760	CONJUNTO DEL ROTOR	3.00	0.0000 +	0.00
696	41270100800	CONJUNTO DE COLECTOR	2.00	0.0000 +	0.00

AD

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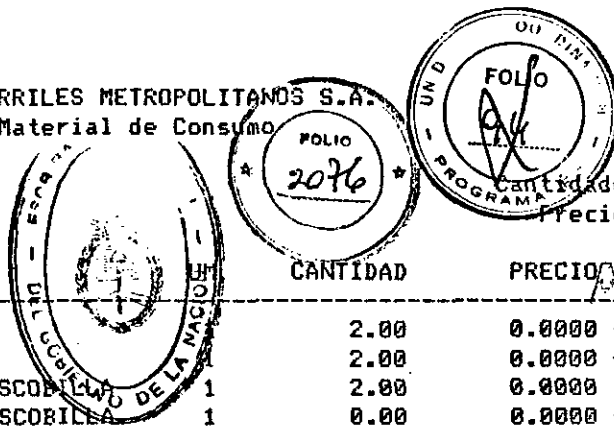
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 13

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	ANEXO	IMPORTE
697	41270100880	CONJUNTO DE ESTATOR	2.00	0.0000 +		0.00
698	41270100900	CONJUNTO DE EDTATOR	2.00	0.0000 +		0.00
699	41270100920	CONJUNTO DEL PORTAESCOBILLO	2.00	0.0000 +		0.00
700	41270100940	CONJUNTO DEL PORTAESCOBILLO	1	0.00		0.00
701	41270101200	EMPAQUETADURA	1	14.00		0.00
702	41270101220	TOPA DE INSPECCION	1	8.00		0.00
703	41270105370	CANALIZADOR	1	12.00		0.00
704	41270105390	PLACA	1	12.00		0.00
705	41270105410	PLACA	1	12.00		0.00
706	41270105430	ESFACIADOR	1	12.00		0.00
707	41270105790	CONTACTO	1	20.00		0.00
708	41270105810	SOPORTE	1	19.00		0.00
709	41270106430	CAPACITOR	1	5.00		0.00
710	41270115120		1	0.00		0.00
711	41270200640	TRANSFORMADOR	1	0.00		0.00
712	41270200980	RELE	1	0.00		0.00
713	41270202000		1	0.00		0.00
714	41270202220	AISLADOR	1	1.00		0.00
715	41270202500	AISLADOR	1	2.00		0.00
716	41270211000	RESISTOR	1	1.00		0.00
717	41270211100	AISLADOR	1	0.00		0.00
718	41270211110	AISLADOR	1	12.00		0.00
719	41270211390	AISLADOR	1	0.00		0.00
720	41270400040	CONJUNTO CONTACTO MOVIL	1	2.00		0.00
721	41270900010	BATERIA	1	4.00		0.00
722	41271600010	CALEFACTOR	0	3.00	241.6795	725.04
723	41271700010	VENTILADOR SALON	1	0.00		0.00
724	41271706000	VENTILADOR RECTI.	1	2.00		0.00
725	41271706220	CAPACITOR	1	0.00		0.00
726	41271706340	TACO DE GOMA	1	10.00		0.00
727	41271710000	CONDUCTO DE AIRE	1	10.00		0.00
728	41271710040	ENTRERACTORES	1	10.00		0.00
729	41271712500	REACTOR	1	3.00		0.00
730	41271712560	TAPA	1	11.00		0.00
731	41271712600	PERNO	1	160.00		0.00
732	41271712620	PERNO	1	47.00		0.00
733	41271712640	ARANDELA	1	206.00		0.00
734	41271712660	GOMA DE AISLAMIENTO	1	14.00		0.00
735	41271712680	PERNO	1	15.00		0.00
736	41271712700	TUERCA	1	24.00		0.00
737	41271712720	ARANDELA	1	11.00		0.00
738	41271712740	ARANDELA	1	12.00		0.00
739	41271712760	CHAVETA	1	20.00		0.00
740	41271712780	PERNO	1	29.00		0.00
741	41271712800	TUERCA	1	63.00		0.00
742	41271712820	ARANDELA	1	63.00		0.00
743	41271712840	CHAVETA	1	15.00		0.00
744	41271900050	VELOCIMETRO	1	0.00		0.00
745	41272000020		1	0.00		0.00
746	41272000060		1	0.00	182.6111	0.00
747	41272000300		1	0.00	2.4299	0.00
748	41272200300	LAMPARA	1	0.00		0.00
749	41272300020		1	0.00		0.00
750	41272300040	TULIPA FUERTA ARIERTA	1	0.00	14.3158	0.00
751	41272600040	PLAFON DE SALON 40 W	1	1.00		0.00
752	41280100010		1	0.00		0.00
753	41280100060	CONJUNTO	1	0.00		0.00
754	41280100240		1	0.00		0.00

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

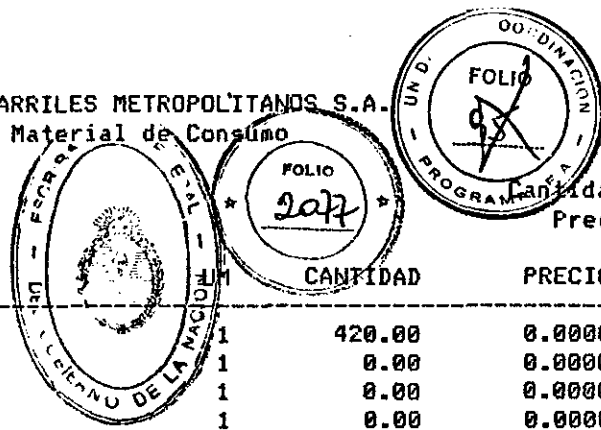
Página: 14

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94

Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
755	41280100250	O RING	1	420.00	0.0000 + 0.00
756	41280100480		1	0.00	0.0000 + 0.00
757	41280100500		1	0.00	0.0000 + 0.00
758	41280100780		1	0.00	0.0000 + 0.00
759	41280100800		1	0.00	0.0000 + 0.00
760	41280100920		1	0.00	0.0000 + 0.00
761	41280100980		1	0.00	0.0000 + 0.00
762	41280101030		1	0.00	0.0000 + 0.00
763	41280101260		1	0.00	0.0000 + 0.00
764	41280101320		1	0.00	0.0000 + 0.00
765	41280101340		1	0.00	42.1104 0.00
766	41280101360		1	0.00	0.0000 + 0.00
767	41280101380		1	0.00	0.0000 + 0.00
768	41280101400	RODAMIENTO	1	0.00	0.0000 + 0.00
769	41280101420		1	0.00	0.0000 + 0.00
770	41280101500		1	0.00	0.0000 + 0.00
771	41280101520		1	0.00	0.0000 + 0.00
772	41280101540		1	0.00	0.0000 + 0.00
773	41280101560		1	0.00	0.0000 + 0.00
774	41280101580		1	0.00	0.0000 + 0.00
775	41280101620		1	0.00	0.0000 + 0.00
776	41280101780		1	0.00	0.0000 + 0.00
777	41280101940		1	0.00	0.0000 + 0.00
778	41280101860	O RING	1	0.00	0.0000 + 0.00
779	41280101920	ARO PISTON BAJA	1	0.00	0.0000 + 0.00
780	41280101940	ARO PISTON 1RA. SUP.MEDIDA	1	0.00	0.0000 + 0.00
781	41280101960		1	0.00	46.3399 0.00
782	41280102000		1	0.00	157.9684 0.00
783	41280102040	AROS DE PISTON AP	1	0.00	0.0000 + 0.00
784	41280102050		1	0.00	631.8746 0.00
785	41280102060	AROS DE PISTON 1ER.SUP.MEDIDA	1	0.00	157.9684 0.00
786	41280102080		1	0.00	36.0421 0.00
787	41280102220	BUJE	1	0.00	40.1612 0.00
788	41280102260		1	0.00	0.0000 + 0.00
789	41280102270	COJINETE	1	0.00	0.0000 + 0.00
790	41280102360		1	0.00	0.0000 + 0.00
791	41280102460		1	0.00	0.0000 + 0.00
792	41280102640		1	0.00	0.0000 + 0.00
793	41280102660		1	0.00	0.0000 + 0.00
794	41280102680		1	0.00	0.0000 + 0.00
795	41280102700		1	0.00	0.0000 + 0.00
796	41280102720		1	0.00	0.0000 + 0.00
797	41280102740		1	0.00	0.0000 + 0.00
798	41280102760		1	0.00	0.0000 + 0.00
799	41280102960	ANILLO	1	0.00	0.0000 + 0.00
800	41280103080		1	0.00	0.0000 + 0.00
801	41280103100		1	0.00	0.0000 + 0.00
802	41280103120		1	0.00	0.0000 + 0.00
803	41280103140		1	0.00	0.0000 + 0.00
804	41280103160		1	0.00	0.0000 + 0.00
805	41280103180		1	0.00	0.0000 + 0.00
806	41280103200		1	0.00	0.0000 + 0.00
807	41280109780	MOTOR COMPLETO	1	0.00	1019.4850 0.00
808	41280109900		1	0.00	0.0000 + 0.00
809	41280109920		1	0.00	0.0000 + 0.00
810	41280109940	PALETA VENTILADOR	1	0.00	0.0000 + 0.00
811	41280110000	RODAMIENTO	1	0.00	37.0973 0.00
812	41280110020		1	0.00	26.0683 0.00

ANEXO

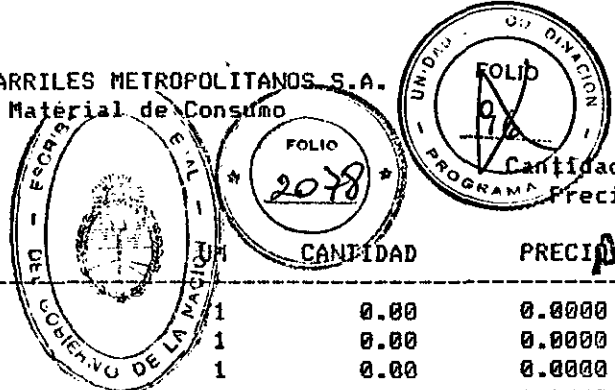
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Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94

Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTO
813	41280110090		1	0.00	0.00
814	41280110320		1	0.00	0.00
815	41280110340		1	0.00	0.00
816	41280111320		1	0.00	0.00
817	41280111580	AMORTIGUADOR DE GOMA	1	0.00	0.00
818	41280111840		1	0.00	0.00
819	41280112540	JUNTA	1	4.00	0.00
820	41280112780	JUNTA	1	29.00	0.00
821	41280112800		1	0.00	0.00
822	41280112820		1	0.00	0.00
823	41280112860	O RING	1	190.00	0.00
824	41280112920	VALVULA	1	15.00	0.00
825	41280112980	JUNTA	1	28.00	0.00
826	41280113000	CARTUCHO SECADOR	1	1.00	206.4138
827	41280115020		1	0.00	0.00
828	41280115720		1	0.00	0.00
829	41280115760	VALVULA	1	27.00	0.00
830	41280115800		1	0.00	0.00
831	41280115900	ARO DE PISTON	1	2.00	0.00
832	41280117620		1	0.00	0.00
833	41280117700	JUNTA	1	58.00	0.00
834	41280117840	JUNTA	1	27.00	0.00
835	41280119060	JUNTA	1	27.00	0.00
836	41280119160	VALVULA	1	27.00	0.00
837	41280119180	RING	1	23.00	0.00
838	41280119440	SILENCIADOR	1	0.00	0.00
839	41280120500	JUNTA	1	53.00	0.00
840	41280137000	ESCOBILLAS	1	65.00	0.00
841	41280200010		1	0.00	0.00
842	41280200720	ELEMENTO DE FILTRO	1	1.00	0.00
843	41280200840		1	0.00	0.00
844	41280205000	GOBERNADOR	1	0.00	0.00
845	41280207540	INTERRUPTOR VACIO	1	4.00	0.00
846	41280207600	LEVA DE CIERRE	1	5.00	0.00
847	41280207660	JUNTA	1	10.00	0.00
848	41280207840	VALVULA	1	12.00	0.00
849	41280207920	ANILLO	1	0.00	0.00
850	41280208100	JUNTA	1	12.00	0.00
851	41280208300	VALVULA	1	2.00	0.00
852	41280208420	JUNTA	1	10.00	0.00
853	41280208880	CONTACTOS	1	5.00	0.00
854	41280212000		1	0.00	0.00
855	41280400100		1	0.00	0.00
856	41280400220		1	0.00	0.00
857	41280400240	O RING	1	380.00	0.00
858	41280400280	O RING	1	190.00	0.00
859	41280400400		1	0.00	0.00
860	41280400500	O RING	1	170.00	0.00
861	41280400660	O RING	1	250.00	0.00
862	41280400720	VALVULA	1	0.00	0.00
863	41280400920	O RING	1	300.00	0.00
864	41280401020		1	0.00	0.00
865	41280401140	JUNTA TORICA	1	154.00	0.00
866	41280401160	JUNTA	1	450.00	0.00
867	41280401180	O RING	1	250.00	0.00
868	41280401280	O RING	1	0.00	0.00
869	41280401340		1	0.00	0.00
870	41280401540		1	0.00	0.00

ANEXO

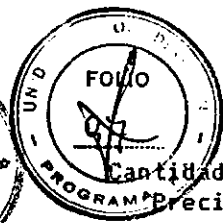
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

FOLIO 2079

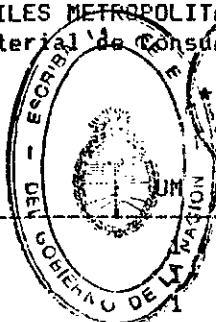


Página: 16

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
871	41280401620	O RING	210.00	0.0000 +	0.00
872	41280401840		0.00	0.0000 +	0.00
873	41280402060		0.00	0.0000 +	0.00
874	41280402100		0.00	0.0000 +	0.00
875	41280402120		360.00	0.0000 +	0.00
876	41280402200	O RING	375.00	0.0000 +	0.00
877	41280402640		0.00	0.0000 +	0.00
878	41280700010	VALVULA	0.00	188.3111	0.00
879	41280700470	O RING	319.00	0.0000 +	0.00
880	41280700570		0.00	0.0000 +	0.00
881	41280701180	O RING	150.00	0.0000 +	0.00
882	41280701280		185.00	0.0000 +	0.00
883	41280702180	O RING	85.00	0.0000 +	0.00
884	41280702400	O RING	114.00	0.0000 +	0.00
885	41280703350		0.00	190.2583	0.00
886	41280705000	VALVULA	0.00	0.0000 +	0.00
887	41280705200	DIAFRAGMA	25.00	0.0000 +	0.00
888	41280705260		0.00	0.0000 +	0.00
889	41280705340	JUNTA	250.00	0.0000 +	0.00
890	41280705420	O RING	536.00	0.0000 +	0.00
891	41280705580		0.00	0.0000 +	0.00
892	41280900010	VALVULA PRESION	3.00	0.0000 +	0.00
893	41280900390	JUNTA	73.00	0.0000 +	0.00
894	41280900490	VALVULA DE SUMINISTRO	81.00	0.0000 +	0.00
895	41280900510	ANILLO	79.00	0.0000 +	0.00
896	41280900550		0.00	0.0000 +	0.00
897	41280900670		0.00	0.0000 +	0.00
898	41280900730	DIAFRAGMA	81.00	0.0000 +	0.00
899	41281001000	VALVULA DE SEG.	0.00	0.0000 +	0.00
900	41281001040		0.00	0.0000 +	0.00
901	41281001090		0.00	0.0000 +	0.00
902	41281700380	O RING	418.00	0.0000 +	0.00
903	41282000020	VALVULA	1.00	0.0000 +	0.00
904	41282000340	BOBINA	0.00	0.0000 +	0.00
905	41282001660	VALVULA	149.00	0.0000 +	0.00
906	41282001700	ASIENTO DE GOMA	168.00	0.0000 +	0.00
907	41282001720	VALVULA	150.00	0.0000 +	0.00
908	41282002000	JUNTA	29.00	0.0000 +	0.00
909	41282002080	BOBINA	0.00	0.0000 +	0.00
910	41282002180	JUNTA.	167.00	0.0000 +	0.00
911	41282002550	FILTRO	21.00	0.0000 +	0.00
912	41282002570	VALVULA	755.00	0.0000 +	0.00
913	41282004200		0.00	0.0000 +	0.00
914	41282012000		0.00	0.0000 +	0.00
915	41282015000	VALVULA	14.00	0.0000 +	0.00
916	41282015120	ENSAMBLE	510.00	0.0000 +	0.00
917	41282015140	CAPERUZA	15.00	0.0000 +	0.00
918	41282015160	ENSAMBLE	549.00	0.0000 +	0.00
919	41282015240	RESORTE	53.00	0.0000 +	0.00
920	41282015260		0.00	0.0000 +	0.00
921	41282015280	ENSAMBLE	5.00	0.0000 +	0.00
922	41282015420	JUNTA	512.00	0.0000 +	0.00
923	41282015700		0.00	0.0000 +	0.00
924	41282016800		0.00	0.0000 +	0.00
925	41282018000		0.00	0.0000 +	0.00
926	41282100020	VALVULA	1.00	0.0000 +	0.00
927	41282100240		0.00	0.0000 +	0.00
928	41282100450		0.00	0.0000 +	0.00

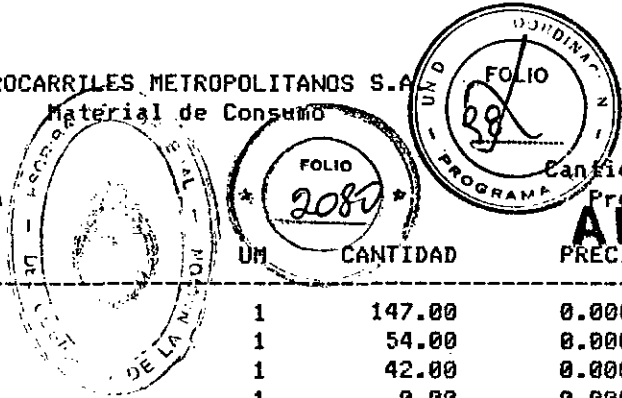


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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



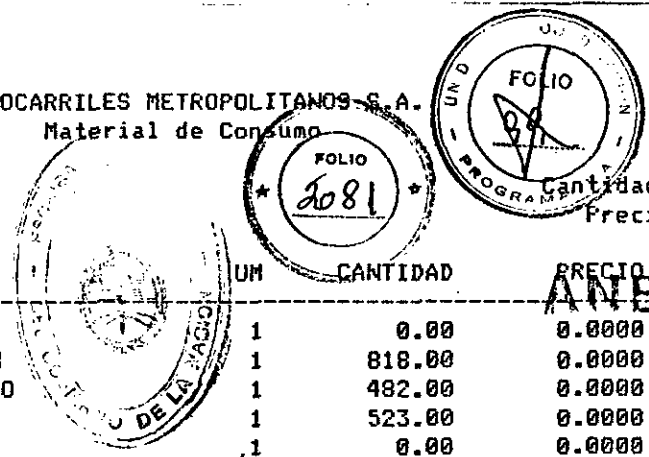
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
929	41282100570	JUNTA	1	147.00	0.0000 +	0.00
930	41282100610	JUNTA	1	54.00	0.0000 +	0.00
931	41282100750	DIAFRAGMA	1	42.00	0.0000 +	0.00
932	41282100830		1	0.00	0.0000 +	0.00
933	41282200010	VALVULA	1	2.00	0.0000 +	0.00
934	41282200290		1	0.00	0.0000 +	0.00
935	41282200310		1	0.00	0.0000 +	0.00
936	41282200390	O RING	1	190.00	0.0000 +	0.00
937	41282200470		1	0.00	0.0000 +	0.00
938	41282200570		1	0.00	0.0000 +	0.00
939	41282200690		1	0.00	0.0000 +	0.00
940	41282200710		1	0.00	0.0000 +	0.00
941	41282200750		1	0.00	0.0000 +	0.00
942	41282200770		1	0.00	0.0000 +	0.00
943	41282201250		1	0.00	0.0000 +	0.00
944	41282201450	O RING	1	150.00	0.0000 +	0.00
945	41282201490		1	0.00	0.0000 +	0.00
946	41282201600		1	0.00	168.7271	0.00
947	41282300010	VALVULA	0	2.00	0.0000 +	0.00
948	41282500020	CONJUNTO COMPLETO	1	0.00	0.0000 +	0.00
949	41282500020		1	0.00	0.0000 +	0.00
950	41282501000	O RING	1	0.00	0.0000 +	0.00
951	41282501020		1	0.00	0.0000 +	0.00
952	41282501060		1	0.00	0.0000 +	0.00
953	41282501080		1	0.00	0.0000 +	0.00
954	41282501120		1	0.00	0.0000 +	0.00
955	41282501140		1	0.00	0.0000 +	0.00
956	41282501160		1	0.00	0.0000 +	0.00
957	41282501660		1	0.00	0.0000 +	0.00
958	41282600020	VALVULA	1	2.00	0.0000 +	0.00
959	41282600180	O RING	1	8.00	0.0000 +	0.00
960	41282600240	DIAFRAGMA	1	42.00	0.0000 +	0.00
961	41282600280	VALVULA	1	0.00	0.0000 +	0.00
962	41282600480	JUNTA	1	54.00	0.0000 +	0.00
963	41282700020	VALVULA	1	0.00	0.0000 +	0.00
964	41282700160		1	0.00	0.0000 +	0.00
965	41282700340	O RING	1	0.00	0.0000 +	0.00
966	41283100010		1	0.00	0.0000 +	0.00
967	41283300020	CAJA DE LLAVE	1	1.00	0.0000 +	0.00
968	41283301200		1	0.00	0.0000 +	0.00
969	41283400020	CILINDRO	1	0.00	0.0000 +	0.00
970	41283400040	DIAFRAGMA	1	39.00	0.0000 +	0.00
971	41283601010	ARANDELA	1	689.00	0.0000 +	0.00
972	41283601420	FUELLE	1	370.00	0.0000 +	0.00
973	41283601440	ANILLO	1	475.00	0.0000 +	0.00
974	41283602000	ARANDELA	1	692.00	0.0000 +	0.00
975	41283700500	FILTRO DE AIRE	1	28.00	0.0000 +	0.00
976	41283700560	FILTRO METALICO	1	27.00	0.0000 +	0.00
977	41283700580		1	0.00	0.0000 +	0.00
978	41283700600	BUJE DE GOMA	1	27.00	0.0000 +	0.00
979	41283701000	MANGUERA	1	10.00	0.0000 +	0.00
980	41283701080		1	0.00	0.0000 +	0.00
981	41283900080		1	0.00	0.0000 +	0.00
982	41283900270		1	0.00	0.0000 +	0.00
983	41284003000	GRIFO	1	17.00	0.0000 +	0.00
984	41284005880		3	0.00	8.3673	0.00
985	41285000040		1	0.00	0.0000 +	0.00
986	41285000180	GOMA AMORTIGUADORA	1	892.00	0.0000 +	0.00

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



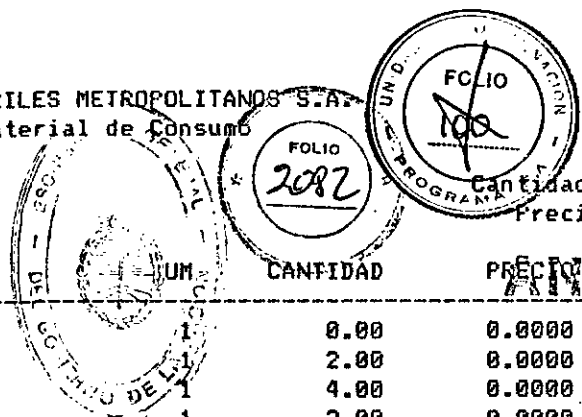
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
987	41285000200		1	0.00	0.0000 +	0.00
988	41285000220	CUBETA DE PISTON	1	818.00	0.0000 +	0.00
989	41285000280	ANILLO DE FIELTRO	1	482.00	0.0000 +	0.00
990	41285000440	TAPA	1	523.00	0.0000 +	0.00
991	41285000540		1	0.00	0.0000 +	0.00
992	41285000560		1	820.00	0.0000 +	0.00
993	41285000580	RESORTE	1	35.00	0.0000 +	0.00
994	41285000640	TORNILLO	1	73.00	0.0000 +	0.00
995	41285000680	EMPAQUETADURA	1	1248.00	0.0000 +	0.00
996	41285000900	TAPA	1	44.00	0.0000 +	0.00
997	41285000920	BUJE DE GOMA	1	2250.00	0.0000 +	0.00
998	41285001050	CHAPA PORTA FIELTRO	1	500.00	0.0000 +	0.00
999	41285001070		1	0.00	0.0000 +	0.00
1000	41285001190	JUNTA	1	790.00	0.0000 +	0.00
1001	41285001210	O RING	1	0.00	0.0000 +	0.00
1002	41285001230		1	0.00	0.0000 +	0.00
1003	41285002300	SOPORTE	1	18.00	0.0000 +	0.00
1004	41285100010	BOCINA	1	0.00	87.2446	0.00
1005	41285200100		1	0.00	0.0000 +	0.00
1006	41285200120		1	0.00	0.0000 +	0.00
1007	41285200180		1	0.00	0.0000 +	0.00
1008	41285200260		1	0.00	0.0000 +	0.00
1009	41285300010		1	0.00	0.0000 +	0.00
1010	41285300070		1	0.00	0.0000 +	0.00
1011	41285300110	CUBETA	1	108.00	0.0000 +	0.00
1012	41285300140	TAPA DE CILINDRO	1	132.00	0.0000 +	0.00
1013	41285300260	TAPA.	1	132.00	0.0000 +	0.00
1014	41285300360	TAPA DE VALVULA.	1	71.00	0.0000 +	0.00
1015	41285300380	JUNTA	1	119.00	0.0000 +	0.00
1016	41285300480	FILTRO	1	60.00	0.0000 +	0.00
1017	41285300520	O RING	1	164.00	0.0000 +	0.00
1018	41285300560		1	0.00	0.0000 +	0.00
1019	41285300760	BRAZO	1	2.00	0.0000 +	0.00
1020	41285300780		1	0.00	0.0000 +	0.00
1021	41285301000	BRAZO LIMPIAPARABRIZAS	1	0.00	47.8092	0.00
1022	41285301320	JUNTA	1	0.00	0.0000 +	0.00
1023	41285301360	ESCOBILLA	1	0.00	9.0580	0.00
1024	41285301660		1	0.00	0.0000 +	0.00
1025	41285507000	MANGUERA FLEX.F/COMPRESOR A/P	1	0.00	323.1015	0.00
1026	41285700010	EQUIPO COMPLETO	1	1.00	0.0000 +	0.00
1027	41285701000	O RING	1	0.00	0.0000 +	0.00
1028	41285701780	COMPRESOR DE AIRE AUX.	1	0.00	0.0000 +	0.00
1029	41285800370	O RING	1	56.00	0.0000 +	0.00
1030	41285800550		1	0.00	0.0000 +	0.00
1031	41287000620		1	0.00	0.0000 +	0.00
1032	41287001540	JUNTA	1	335.00	0.0000 +	0.00
1033	41290300010	AISLADOR	1	0.00	0.0000 +	0.00
1034	41290400020	PARARRAYOS COMPLETO	1	0.00	0.0000 +	0.00
1035	41290700010	TRANSFORMADOR	1	3.00	0.0000 +	0.00
1036	41290700050	BOMBA DE ACIETE	1	3.00	0.0000 +	0.00
1037	41290700300	ENFRIADOR	1	2.00	0.0000 +	0.00
1038	41290700310	RELEVADOR	1	3.00	0.0000 +	0.00
1039	41290700410	RELE	1	0.00	0.0000 +	0.00
1040	41290700470	JUNTA	1	2.00	0.0000 +	0.00
1041	41290700500	VALVULA	1	6.00	0.0000 +	0.00
1042	41290700600		1	7.00	0.0000 +	0.00
1043	41290701190	VALVULA	1	2.00	0.0000 +	0.00
1044	41290701300		1	0.00	0.0000 +	0.00

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1045	41290701790	BOQUILLA	0.00	0.0000 +	0.00
1046	41290701870	JUNTA	2.00	0.0000 +	0.00
1047	41290701890	JUNTA	4.00	0.0000 +	0.00
1048	41290702140	JUNTA	2.00	0.0000 +	0.00
1049	41290702160	JUNTA	2.00	0.0000 +	0.00
1050	41290702280	CONDUCTO DE AIRE	5.00	0.0000 +	0.00
1051	41290708000	TRANSFORMADOR	1.00	0.0000 +	0.00
1052	41299990140		1.00	26.8316	0.00
1053	41299999990	PLAQUITAS P/TORN.T-175.32-19	1.00	26.8579	0.00
1054	41610100010		1.00	0.0000 +	0.00
1055	41610200200		1.00	70.0379	0.00
1056	41610200250		1.00	57.1067	0.00
1057	41610200350		1.00	3.0161	0.00
1058	41610200430		1.00	11.3146	0.00
1059	41610200440		1.00	2.2611	0.00
1060	41610200450		1.00	0.5274	0.00
1061	41610200490		1.00	0.0000 +	0.00
1062	41610200510		1.00	2.2611	0.00
1063	41610200520		1.00	0.4511	0.00
1064	41610200610		1.00	5.6572	0.00
1065	41610200710		1.00	2.2611	0.00
1066	41610201000		1.00	0.1489	0.00
1067	41610300050		1.00	285.5485	0.00
1068	41610300100		1.00	51.7208	0.00
1069	41610300140		1.00	0.0000 +	0.00
1070	41610300200		1.00	147.2661	0.00
1071	41610300250		1.00	153.4000	0.00
1072	41610300260		1.00	0.0000 +	0.00
1073	41610300300		1.00	59.9810	0.00
1074	41610300350		1.00	51.7208	0.00
1075	41610300530		1.00	11.3146	0.00
1076	41610300550		1.00	1.5068	0.00
1077	41610300570		1.00	1.5068	0.00
1078	41610300580	BIELA DE SUSPENSION	32.00	0.3388	10.84
1079	41610300810		1.00	1.5068	0.00
1080	41610300820		1.00	1.1299	0.00
1081	41610300830		1.00	0.3753	0.00
1082	41610300910		1.00	1.5068	0.00
1083	41610301010		1.00	5.2789	0.00
1084	41610301100		1.00	403.7188	0.00
1085	41610400010		1.00	2112.3382	0.00
1086	41610400100		1.00	931.3598	0.00
1087	41610400110		1.00	2509.3229	0.00
1088	41610400130		1.00	10.8330	0.00
1089	41610400160		1.00	1171.0725	0.00
1090	41610400250		1.00	0.0000 +	0.00
1091	41610400590		1.00	2550.1895	0.00
1092	41610400610		1.00	617.8696	0.00
1093	41610400620		1.00	0.0000 +	0.00
1094	41610400650		1.00	14.3628	0.00
1095	41610400730		1.00	2.2611	0.00
1096	41610400750		1.00	0.5274	0.00
1097	41610400770		1.00	0.0000 +	0.00
1098	41610400800		1.00	1.4701	0.00
1099	41610400810	TUERCA M 12	3.00	1.1299	3.39
1100	41610400910		1.00	0.0000 +	0.00
1101	41610401000		0.00	83.5113	0.00
1102	41610401010		0.00	83.5113	0.00

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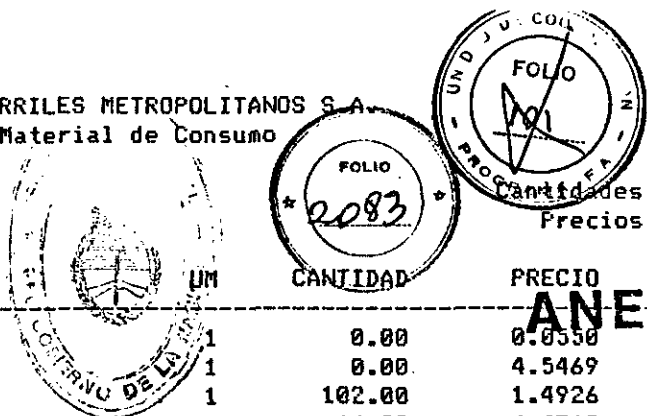
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 20

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1103	41610401020		1	0.00	0.0550	0.00
1104	41610401100		1	0.00	4.5469	0.00
1105	41620500010	UNICALON	1	102.00	1.4926	152.25
1106	41620500030	UNICALON	1	16.00	6.4710	103.54
1107	41620500050	LLIQUIDO R	1	31.00	9.9791	309.35
1108	41620500070	LIQUIDO H	1	14.00	22.2380	311.33
1109	41620500090	LIQUIDO A	1	14.00	21.0014	294.02
1110	41620500200	CUBIERTA P/PISO	1	8.00	15.6984	125.59
1111	41620500220	CUBIERTA P/PISO	1	2.00	15.6984	31.40
1112	41620500240		1	0.00	0.0000 +	0.00
1113	41620500260	CORDON DE GOMA	1	0.00	1.9607	0.00
1114	41620500300	UMBRAL DE GOMA	1	21.00	13.3666	280.70
1115	41620501000		1	0.00	0.0000 +	0.00
1116	41620501010		1	0.00	0.0000 +	0.00
1117	41620501030	CALZA DE PLASTICO	1	4.00	0.4511	1.80
1118	41620501050		1	0.00	0.0000 +	0.00
1119	41620501060		1	0.00	0.0000 +	0.00
1120	41620501500		1	0.00	0.0000 +	0.00
1121	41620501510		1	0.00	0.0000 +	0.00
1122	41620501530	UMBRAL DE ACERO	1	3.00	50.5445	151.63
1123	41620501550	UMBRAL DE ACERO	1	1.00	73.1762	73.18
1124	41620501570	PLACA DE FIJACION	1	3.00	69.4037	208.21
1125	41620501590	CALZA DE PLASTICO	1	6.00	0.9037	5.42
1126	41620501610	GUIA DE PUERTA	1	1.00	6.7886	6.79
1127	41620502000	UMBRAL	1	20.00	58.2188	1164.38
1128	41620502010	UMBRAL	1	17.00	58.2188	989.72
1129	41620502020	PASAMANO CORTO	1	19.00	61.3094	1164.88
1130	41620502030	PASAMANOS LARGOS	1	29.00	1.3019	37.76
1131	41620502040	GUIA	1	10.00	0.1391 #	1.39
1132	41620503000	UMBRAL	1	1.00	2.1070	2.11
1133	41620503010	CALZA DE PLASTICO	1	4.00	0.1391 #	0.56
1134	41620503020	ZOCALO	1	4.00	0.1391 #	0.56
1135	41620503030	UMBRAL	1	2.00	0.1391 #	0.28
1136	41621100010	PANEL P/REVESTIMIENTO	1	56.00	70.0379	3922.12
1137	41621100050	PANEL P/REVESTIM.	1	31.00	53.1616	1648.01
1138	41621100100	PANEL P/REVESTIM.	1	8.00	53.1616	425.29
1139	41621100150	PANEL P/TAPA INSP.	1	0.00	204.7373	0.00
1140	41622000030		1	0.00	1639.6651	0.00
1141	41622000050		1	0.00	11.7307	0.00
1142	41622000070		1	0.00	71.6665	0.00
1143	41622000150		1	0.00	319.3636	0.00
1144	41622000300		1	0.00	0.0000 +	0.00
1145	41622000750		1	0.00	0.1391 #	0.00
1146	41622000770		1	0.00	0.0000 +	0.00
1147	41622000780		1	0.00	0.0000 +	0.00
1148	41622000820		1	0.00	0.0000 +	0.00
1149	41622000830		1	0.00	0.0000 +	0.00
1150	41622000840		1	0.00	0.0000 +	0.00
1151	41622001010		1	0.00	1564.9552	0.00
1152	41622001030	VIDRIO	1	0.00	20.3734	0.00
1153	41622001050		1	0.00	71.6665	0.00
1154	41622001100	BURLETE DE GOMA	3	0.00	4.5243	0.00
1155	41622001110		1	0.00	16.5580	0.00
1156	41622001150		1	0.00	6.0339	0.00
1157	41622001170	AGARRADOR Y RESORTE	1	3.00	1.4040	4.21
1158	41622001230		1	0.00	0.0000 +	0.00
1159	41622001700		1	0.00	0.1391 #	0.00
1160	41622001710		1	0.00	38.7754	0.00

ANEXO

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 21

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

UNIDAD DE COORDINACION
FOLIO 102
PROGRAMAS

Sanidad al: 31/03/94
Pre al: 10/11/94

ANEXO

FOLIO 2084

SECRETARÍA GENERAL DE ECONOMÍA

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1161	41622001720		1	0.00	46.0460	0.00
1162	41622001770		1	0.00	0.7433	0.00
1163	41622002030		1	0.00	1197.8690	0.00
1164	41622002050		1	0.00	1197.8690	0.00
1165	41622002070		1	0.00	17.8869	0.00
1166	41622002090		1	0.00	0.0000 +	0.00
1167	41622002250		1	0.00	12.0692	0.00
1168	41622003150	PESTILLO IZQA.	1	23.00	9.6998	223.10
1169	41622003160	PESTILLO DER.	1	11.00	9.6998	106.70
1170	41622003170		1	0.00	0.0000 +	0.00
1171	41622003180		1	0.00	0.0000 +	0.00
1172	41622003190		1	0.00	0.0000 +	0.00
1173	41622004000		1	0.00	0.0000 +	0.00
1174	41622004030		1	0.00	0.0000 +	0.00
1175	41622004050		1	0.00	0.8416	0.00
1176	41622500030		1	0.00	1198.5930	0.00
1177	41622500050	VIDRIO	1	1.00	22.6306	22.63
1178	41622500070	BURLETE DE GOMA	3	7.00	3.4089	23.86
1179	41622500080	BURLETE H	3	6.00	1.9607	11.76
1180	41622500100		1	0.00	4.0105	0.00
1181	41622500110		1	0.00	3.0079	0.00
1182	41622500210		1	0.00	0.0000 +	0.00
1183	41622500300		1	0.00	4.5243	0.00
1184	41622500330		1	0.00	1.5068	0.00
1185	41622500700		1	0.00	154.5877	0.00
1186	41622500730		1	0.00	17.9326	0.00
1187	41622500740		1	0.00	1.3959	0.00
1188	41622500750		1	0.00	30.5354	0.00
1189	41622500770		1	0.00	9.2080	0.00
1190	41622500780		1	0.00	6.6426	0.00
1191	41622500790		1	0.00	36.1095	0.00
1192	41622500800		1	0.00	36.1095	0.00
1193	41622500830	PESTILLO	1	0.00	28.7966	0.00
1194	41622500840	PESTILLO	1	0.00	30.5354	0.00
1195	41622501000		1	0.00	1024.7477	0.00
1196	41622501030		1	0.00	1.5068	0.00
1197	41622501050		1	0.00	2.2611	0.00
1198	41622501070		1	0.00	1.0026	0.00
1199	41622501090		1	0.00	0.1391 #	0.00
1200	41622501260	EJE PESTILLO PUERTA	1	15.00	4.5469	68.20
1201	41622501270		1	0.00	0.0000 +	0.00
1202	41622501280	COOLAR P/PESTILLO	1	24.00	1.5908	38.18
1203	41622501300	ALOJAMIENTO DE TRABA	1	0.00	46.0460	0.00
1204	41623000010		1	0.00	83.6852	0.00
1205	41623000030		1	0.00	15.4003	0.00
1206	41623000050	BURLETE	3	0.00	0.1391 #	0.00
1207	41623000500	FIJADOR MECANICO	1	1.00	5.4858	5.49
1208	41623000520	FIJADOR MECANICO	1	1.00	5.4858	5.49
1209	41623001000	CONTRAMARCO	1	0.00	116.0113	0.00
1210	41623001010		1	0.00	11.4299	0.00
1211	41623001020		1	0.00	2.6241	0.00
1212	41623001030	BURLETE	3	0.00	2.6241	0.00
1213	41623001090		1	0.00	29.4498	0.00
1214	41623001110	FIJADOR MECANICO	1	0.00	5.4858	0.00
1215	41623002000	MARCO VENTANA	1	179.00	386.1187	69115.25
1216	41623002500		1	0.00	341.2177	0.00
1217	41623002550	FIJADOR MECANICO	1	38.00	5.4858	208.46
1218	41623002570	FIJADOR MECANICO	1	9.00	5.4858	49.37

Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

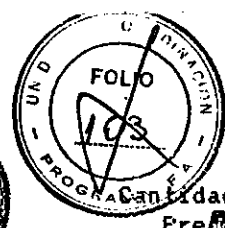
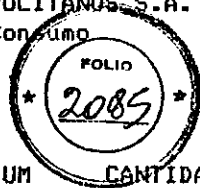
Página: 22

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/09/94

Pre: ANEXO 107/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1219	41623003010	VIDRIO P/VENT.FIJA CO.ELE.JAP.	1	0.00	68.9007	0.00
1220	41623003020		1	0.00	235.3738	0.00
1221	41623003030		1	0.00	68.9007	0.00
1222	41623003050	BURLETE	3	0.00	4.0105	0.00
1223	41623003060	CORDON	3	0.00	0.1391 #	0.00
1224	41624000010		1	0.00	956.5187	0.00
1225	41624000020		1	0.00	956.2768	0.00
1226	41624000050		1	0.00	614.9161	0.00
1227	41624000060		1	0.00	614.9161	0.00
1228	41624000070		1	0.00	614.9161	0.00
1229	41624000080		1	0.00	614.9161	0.00
1230	41624000090		1	0.00	1024.7477	0.00
1231	41624000100	ASIENTO FIJO DOBLE	1	1.00	1024.7477	1024.75
1232	41624000200		1	0.00	263.2792	0.00
1233	41624000230		1	155.00	140.0770	21711.94
1234	41624000300	PERNO DE SUJECION	1	46.00	4.3372	199.51
1235	41624000350		1	0.00	43.4603	0.00
1236	41624000400		1	0.00	131.8169	0.00
1237	41624000410		1	0.00	39.9072	0.00
1238	41624000420		1	0.00	1.0919	0.00
1239	41624000500	BOCA LLAVE	1	21.00	1.1299	23.73
1240	41624000510	CERRADURA	1	1.00	2.1108	2.11
1241	41624000600	RESPALDO ASIENTO FIJO	1	0.00	263.2792	0.00
1242	41624000610	TELA DE POLIETILENO	1	8.00	76.7291	613.83
1243	41624000630	GRAMPA DE FIJACION	1	38.00	0.1489	5.66
1244	41624000800		1	0.00	81.7387	0.00
1245	41624000810		1	0.00	79.3772	0.00
1246	41624000820	TELA	1	192.00	0.1391 #	26.71
1247	41624001000		1	0.00	105.5918	0.00
1248	41624001010		1	0.00	34.1205	0.00
1249	41624001200	ASIENTO FIJO	1	0.00	0.0000 +	0.00
1250	41624001210	TELA POLIETILENO	1	28.00	79.3772	2222.56
1251	41624001220	TELA	1	56.00	0.1391 #	7.79
1252	41624002010		1	0.00	107.7507	0.00
1253	41624002070		1	0.00	0.1799	0.00
1254	41624002100		1	0.00	86.9139	0.00
1255	41624002150	ARANELA	1	260.00	0.1391 #	36.17
1256	41624002190	SOPORTE	1	2.00	0.3614	0.72
1257	41624002250	RESPALDO DE ASIENTO	1	1.00	267.7670	267.77
1258	41624002270	GRAMPA DE FIJACION	1	4.00	0.1391 #	0.56
1259	41624002500		1	0.00	0.0000 +	0.00
1260	41624002520		1	0.00	0.0000 +	0.00
1261	41624003000		1	0.00	197.5477	0.00
1262	41624003010		1	0.00	0.6926	0.00
1263	41624003200		1	0.00	197.5477	0.00
1264	41624003500		0	0.00	5.7325	0.00
1265	41624003550	TELA DE ALGODON	3	730.00	1.0090	736.57
1266	41624003600	FIELTRO	3	50.00	4.4189	220.95
1267	41624003650	FIELTRO	3	33.00	4.4189	145.82
1268	41624003700	ESPUMA DE POLIURETANO	1	0.00	11.3146	0.00
1269	41624003730	ESPUMA DE POLIURETANO	1	0.00	16.5946	0.00
1270	41624003750	ESPUMA DE POLIURETANO	1	0.00	11.3146	0.00
1271	41624003770	ESPUMA DE POLIURETANO	1	49.00	15.0867	739.25
1272	41624003790	ESPUMA DE POLIURETANO	1	9.00	18.8593	169.73
1273	41624003900	ESPUMA DE POLIURETANO	1	0.00	11.3146	0.00
1274	41624003930	ESPUMA DE POLIURETANO	1	0.00	15.0867	0.00
1275	41624003950	ESPUMA DE POLIURETANO	1	22.00	16.5946	365.08
1276	41624004000	MOQUETTE P/TAPIZADO	3	0.00	39.9072	0.00

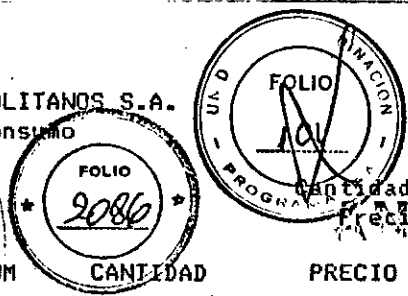
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 23

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



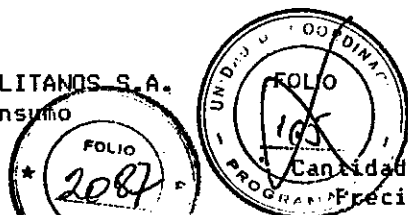
Cantidades al: 31/08/94
Frecios: 27/07/94

#####	NUM	DESCRIPCION	CUM	CANTIDAD	PRECIO	IMPORTE
1277	4162600030		1	0.00	1436.7283	0.00
1278	41626000190		1	0.00	17.9528	0.00
1279	41626000290		1	0.00	135.7915	0.00
1280	41626000310		1	0.00	17.9528	0.00
1281	41627500900		1	0.00	3.5122	0.00
1282	41627501000	VIDRIO	1	17.00	9.5851	162.95
1283	41627501020		1	0.00	2.0052	0.00
1284	41628000010	AGARRADERA	1	568.00	54.1794	30773.90
1285	41628000030		1	0.00	6.1014	0.00
1286	41628000050		1	0.00	3.4080	0.00
1287	41628000090	BARRA	1	4.00	0.1391 #	0.56
1288	41628000100		1	0.00	0.0000 +	0.00
1289	41628000120	SOPORTE	1	10.00	38.4355	384.36
1290	41628000140	SOPORTE	1	110.00	38.4355	4227.91
1291	41628000460	PORTA EQUIPAJE	1	7.00	42.4644	297.25
1292	41628000480	PORTA EQUIPAJE	1	12.00	148.3014	1779.62
1293	41628000500		1	0.00	25.5044	0.00
1294	41628000510		1	0.00	25.5044	0.00
1295	41628000520		1	0.00	0.1391 #	0.00
1296	41628000530	BARRA	1	5.00	0.1391 #	0.70
1297	41628000550	MOLDURA	1	19.00	0.1391 #	2.64
1298	41628000700	ACRILICO CHICHARRA	1	0.00	0.5831	0.00
1299	41628000710	ACRILICO	1	0.00	1.5318	0.00
1300	41628000720	ACRILICO GRIFO PUERTA	1	0.00	8.4465	0.00
1301	41628000730	ACRILICO TIERRA	1	0.00	0.1391 #	0.00
1302	41628000770	CARTEL PROHIBIDO FUMAR	1	0.00	0.1391 #	0.00
1303	41628000800	PARASOL AZUL	1	1.00	0.1391 #	0.14
1304	41628001100		1	0.00	2.2611	0.00
1305	41628001110		1	0.00	2.2611	0.00
1306	41628002400	PESTILLO C/LLAVE	1	4.00	7.5419	30.17
1307	41628003500		1	0.00	117.5977	0.00
1308	41628005010	CALZA	1	6.00	0.1391 #	0.83
1309	41628005020	CALZA	1	3.00	0.1391 #	0.42
1310	41628005030	CALZA	1	3.00	0.1391 #	0.42
1311	41628005040	CALZA	1	51.00	0.1391 #	7.09
1312	41628005060	CALZA	1	17.00	0.1391 #	2.36
1313	41628005070	CALZA	1	50.00	0.1391 #	6.96
1314	41628005510	MOLDURA	1	47.00	0.1391 #	6.54
1315	41628005520	MOLDURA	1	33.00	0.1391 #	4.59
1316	41628005530	MOLDURA	1	5.00	0.1391 #	0.70
1317	41628005540	MOLDURA	1	7.00	0.1391 #	0.97
1318	41628005560	MOLDURA	1	1.00	0.1391 #	0.14
1319	41628005580	MOLDURA	1	3.00	0.1391 #	0.42
1320	41628005590	MOLDURA	1	35.00	0.1391 #	4.87
1321	41629000010		1	0.00	0.0000 +	0.00
1322	41629000040	TUERCA	1	100.00	0.1391 #	13.91
1323	41629000070	TUERCA	1	25.00	0.1391 #	3.48
1324	41629000100	TUERCA	1	1130.00	0.1391 #	157.18
1325	41629000120	TUERCA	1	432.00	0.1391 #	60.09
1326	41629000160	TUERCA	1	250.00	0.1391 #	34.78
1327	41629000180	TUERCA	1	100.00	0.1391 #	13.91
1328	41629000200	TUERCA	1	202.00	0.1391 #	28.10
1329	41629000240	TUERCA	1	11.00	0.1391 #	1.53
1330	41629000600	TUERCA	1	25.00	0.1391 #	3.48
1331	41629000620	TUERCA	1	36.00	0.1391 #	5.01
1332	41629000660	TUERCA	1	250.00	0.1391 #	34.78
1333	41629000680	TUERCA	1	87.00	0.1391 #	12.10
1334	41629000800	TUERCA	1	55.00	0.1391 #	7.65

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Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1335	41629001100	TUERCA	1	89.00	0.1391 #	12.38
1336	41629001160	TUERCA	1	8.00	0.1391 #	1.11
1337	41629001200	TUERCA	1	40.00	0.1391 #	5.56
1338	41629101100	TUERCA	1	32.00	0.1391 #	4.45
1339	41629101300	TUERCA	1	126.00	0.1391 #	17.53
1340	41629105200	TORNILLO	1	26.00	0.1391 #	3.62
1341	41629105250	TORNILLO	1	8.00	0.1391 #	1.11
1342	41629105300	TORNILLO	1	490.00	0.1391 #	68.16
1343	41629106360	TORNILLOS	1	0.00	0.1391 #	0.00
1344	41629108330	TORNILLO	1	3.00	0.1391 #	0.42
1345	41629108350	TORNILLO	1	2.00	0.1391 #	0.28
1346	41629108450	TORNILLO	1	31.00	0.1391 #	4.31
1347	41629108500	TORNILLO	1	7.00	0.1391 #	0.97
1348	41629108510		1	0.00	0.0000 +	0.00
1349	41629110160	TORNILLO	1	1.00	0.1391 #	0.14
1350	41629110240	BULON	1	21.00	0.1391 #	2.92
1351	41629110250	TORNILLO	1	19.00	0.1391 #	2.64
1352	41629110270	TORNILLO	1	20.00	0.1391 #	2.78
1353	41629110280	TORNILLO	1	20.00	0.1391 #	2.78
1354	41629110800	TORNILLO	1	12.00	0.1391 #	1.67
1355	41629112010	TORNILLO	1	6.00	0.1391 #	0.83
1356	41629112600	TORNILLO	1	12.00	0.1391 #	1.67
1357	41629115650	TORNILLO	1	8.00	0.1391 #	1.11
1358	41629200080	ARANDELA	1	25.00	0.1391 #	3.48
1359	41629200120	ARANDELA	1	59.00	0.1391 #	8.21
1360	41629200200	ARANDELA	1	23.00	0.1391 #	3.20
1361	41629200240	ARANDELA	1	4.00	0.1391 #	0.56
1362	41629200300	ARANDELA	1	66.00	0.1391 #	9.18
1363	41629200360	ARANDELA	1	16.00	0.1391 #	2.23
1364	41629200800	ARANDELA	1	134.00	0.1391 #	18.64
1365	41629201220	ARANDELA	1	12.00	0.1391 #	1.67
1366	41629210050	ARANDELA	1	326.00	0.1391 #	45.35
1367	41629210080	ARANDELA	1	41.00	0.1391 #	5.70
1368	41629210160	ARANDELA	1	420.00	0.1391 #	58.42
1369	41629210180	ARANDELA	1	35.00	0.1391 #	4.87
1370	41629210200	ARANDELA	1	172.00	0.1391 #	23.93
1371	41629210240	ARANDELA	1	240.00	0.1391 #	33.38
1372	41629210300	ARANDELA	1	84.00	0.1391 #	11.68
1373	41629210680	ARANDELA	1	96.00	0.1391 #	13.35
1374	41630100030		1	0.00	2733.3812	0.00
1375	41630100040		1	0.00	2733.3812	0.00
1376	41630100050		1	0.00	2733.3812	0.00
1377	41630100060		1	0.00	2733.3812	0.00
1378	41630100070		1	0.00	26.5296	0.00
1379	41630100110		1	0.00	59.2643	0.00
1380	41630100130		1	0.00	25.1432	0.00
1381	41630100330		1	0.00	59.2643	0.00
1382	41630101010		1	0.00	21.1137	0.00
1383	41630101130	PERNO	1	0.00	7.5419	0.00
1384	41630101150	ESPARRAGO	1	40.00	11.3146	452.58
1385	41630101190	BUJES	1	138.00	0.7532	103.94
1386	41630101210	PERNO	1	0.00	9.0516	0.00
1387	41630101270	BUJE	1	121.00	1.0543	127.57
1388	41630101290	BUJE	1	16.00	0.3753	6.00
1389	41630101310	PERNO	1	8.00	2.2611	18.09
1390	41630101410	BUJE	1	8.00	0.6012	4.81
1391	41630101430	PERNO	1	8.00	2.2611	18.09
1392	41630101450		1	0.00	2.2611	0.00

ANEXO



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Emisión: 10/11/94

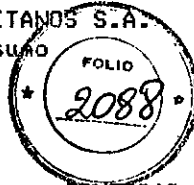
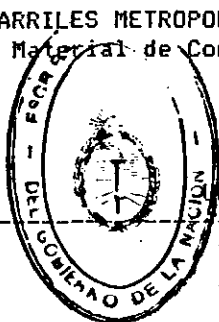
FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

Página: 25

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTE
1393	41630101500	CHAVETA FIJACION	1	12.00	51.7208 620.65
1394	41630101520		1	0.00	0.0000 + 0.00
1395	41630101540		1	0.00	0.0000 + 0.00
1396	41630101560		1	0.00	0.0000 + 0.00
1397	41630101580		1	0.00	0.0000 + 0.00
1398	41630101600	TRINQUETE	1	3.00	217.8566 653.57
1399	41630101620	ANILLO	1	0.00	1.8717 0.00
1400	41630101630	BUJE	1	8.00	0.3004 2.40
1401	41630101640		1	0.00	0.0000 + 0.00
1402	41630101660	ANILLO	1	20.00	1.8717 37.43
1403	41630101680		1	0.00	0.0000 + 0.00
1404	41630101700	JUNTA	1	0.00	2.2062 0.00
1405	41630101720		1	0.00	0.0000 + 0.00
1406	41630101730	BUJE	1	16.00	0.1391 # 2.23
1407	41630101740		1	0.00	0.0000 + 0.00
1408	41630101900	DIAFRAGMA	1	351.00	9.9021 3475.64
1409	41630101920		1	0.00	0.0000 + 0.00
1410	41630101940		1	0.00	0.0000 + 0.00
1411	41630101960		1	0.00	0.0000 + 0.00
1412	41630101980		1	0.00	0.0000 + 0.00
1413	41631000200	MANIJA	1	2.00	310.6932 621.39
1414	41633000050		1	0.00	310.6932 0.00
1415	41633000300		1	0.00	366.3682 0.00
1416	41633000350		1	0.00	111.3491 0.00
1417	41633000400		1	0.00	330.4510 0.00
1418	41633000450		1	0.00	247.8365 0.00
1419	41633000460		1	0.00	0.0000 + 0.00
1420	41633000470		1	0.00	0.0000 + 0.00
1421	41633000650		1	17.00	73.6286 1251.69
1422	41633000670		1	0.00	73.6286 0.00
1423	41633001060		1	0.00	8.2080 0.00
1424	41633100060		1	0.00	0.0000 + 0.00
1425	41633100330		1	0.00	6.0339 0.00
1426	41633100350		1	0.00	6.7886 0.00
1427	41633100380	SOPORTE DE PASTILLA DE FRENO	1	0.00	166.6024 0.00
1428	41633100400		1	0.00	89.8357 0.00
1429	41633100450	BUJE	1	65.00	0.3753 24.39
1430	41633100460	BUJE	1	86.00	0.1391 # 11.96
1431	41633105000	BUJE	1	44.00	0.1391 # 6.12
1432	41633200030		1	0.00	3127.6569 0.00
1433	41633200100		1	0.00	0.0000 + 0.00
1434	41633200120		1	0.00	0.0000 + 0.00
1435	41633200140		1	0.00	0.0000 + 0.00
1436	41633200150		1	0.00	0.0000 + 0.00
1437	41633200170		1	0.00	0.0000 + 0.00
1438	41640800770		1	0.00	6.5763 0.00
1439	41650102110		1	0.00	0.0000 + 0.00
1440	41650700010		1	0.00	16763.0692 0.00
1441	41650701310	CONTACTO FIJO	1	179.00	53.8714 9642.98
1442	41650701350	CUERNO MOVIL	1	30.00	35.9154 1077.46
1443	41650701610		1	0.00	50.2801 0.00
1444	41650701700		1	0.00	35.9154 0.00
1445	41650701710		1	0.00	0.0000 + 0.00
1446	41650701800		1	0.00	779.4216 0.00
1447	41650701980		1	0.00	0.0000 + 0.00
1448	41650702000	DISIPADOR	1	14.00	718.3607 10057.05
1449	41650702010	PLACA	1	160.00	359.1787 57468.59
1450	41650702030	CANAL SUPERIOR CORTO	1	80.00	2.2611 180.89

ANEXO

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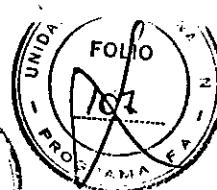
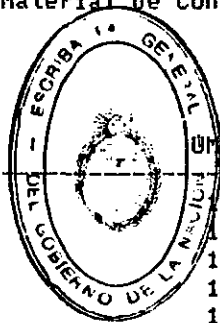
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 26

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



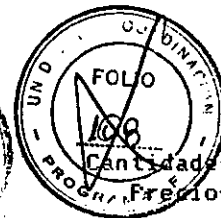
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	IMPORTE
1451	41650702040			0.00	2.2611		0.00
1452	41650702050			0.00	0.0000 +		0.00
1453	41650702310		1	0.00	4.6677		0.00
1454	41650702320		1	0.00	0.0000 +		0.00
1455	41650702370		1	0.00	1.7934		0.00
1456	41650702510		1	0.00	120.3265		0.00
1457	41650702680		1	0.00	1.0779		0.00
1458	41650702800		1	0.00	1002.1160		0.00
1459	41650702900		1	0.00	969.7881		0.00
1460	41650702910	CONTACTO PRINCIPAL	1	6.00	12.2126		73.28
1461	41650702930		1	0.00	24.0642		0.00
1462	41650703000		1	0.00	21.5436		0.00
1463	41650703010		1	0.00	15.0867		0.00
1464	41650703210		1	0.00	26.9384		0.00
1465	41650703500	ACOPLAMIENTO	1	3.00	5.6204		16.86
1466	41650800010		1	0.00	23167.3061		0.00
1467	416508000500		1	0.00	10775.4904		0.00
1468	416508000530	EJE DEL INDUCIDO	1	6.00	1109.8752		6659.25
1469	416508000550	CONMUTADOR COMPLETO	1	20.00	2575.3403		51506.81
1470	416508000570		1	0.00	502.8557		0.00
1471	416508000700		1	0.00	251.4277		0.00
1472	416508000710		1	0.00	251.4277		0.00
1473	416508000750		1	0.00	52.8649		0.00
1474	416508000770		1	0.00	17.0447		0.00
1475	416508000850		1	0.00	351.3820		0.00
1476	416508000910		1	0.00	0.0000 +		0.00
1477	416508000970		1	0.00	0.0000 +		0.00
1478	41650801000		1	0.00	448.9756		0.00
1479	41650801100	CAJA	1	6.00	0.0000 +		0.00
1480	41650801310		1	0.00	840.4834		0.00
1481	41650801330	BOBINA DE CAMPO AUX.	1	0.00	556.7284		0.00
1482	41650801350	SUPLEMENTO DE FIJACION	1	18.00	0.6012		10.82
1483	41650801500		1	0.00	193.9566		0.00
1484	41650801530	RODAMIENTO	1	119.00	46.6888		5555.97
1485	41650801800	CONDUCTO DE AIRE	1	13.00	76.3526		992.58
1486	41650801900	NIPLE ENGRASE	1	0.00	0.1391 #		0.00
1487	41650802030		1	0.00	1.2802		0.00
1488	41650802070	TUERCA	1	16.00	20.3673		325.88
1489	41650802100		1	0.00	0.1391 #		0.00
1490	41650802120		1	0.00	0.0000 +		0.00
1491	41650802300		1	0.00	316.8500		0.00
1492	41650802310		1	0.00	2.0352		0.00
1493	41650802330		1	0.00	0.2249		0.00
1494	41650802350		1	0.00	0.3004		0.00
1495	41650802500		1	0.00	4191.6653		0.00
1496	41650802510		1	0.00	0.2249		0.00
1497	41650802530		1	0.00	0.2249		0.00
1498	41650802550		1	0.00	0.1391 #		0.00
1499	41650802570		1	0.00	3.0161		0.00
1500	41650900010		1	0.00	21313.9159		0.00
1501	41650900030		1	0.00	21.5436		0.00
1502	41650900050		1	0.00	12.2126		0.00
1503	41652100010		1	0.00	121824.1101		0.00
1504	41652100100		1	0.00	3473.2957		0.00
1505	41652100130		1	0.00	6.1014		0.00
1506	41652100300		1	0.00	377.4959		0.00
1507	41652100350		1	0.00	2770.0151		0.00
1508	41652100500		1	0.00	8709.8253		0.00

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



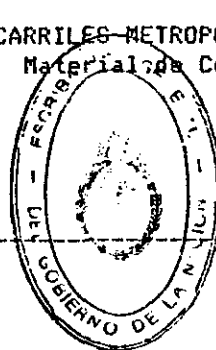
Página: 27

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

NUM	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
1509	41652100510		1	0.00	175.2773	0.00
1510	41652100530	TIRISTOR	1	164.00	1497.7905	245637.64
1511	41652100550		1	0.00	53.8714	0.00
1512	41652100570		1	0.00	107.7507	0.00
1513	41652100590		1	0.00	6.1014	0.00
1514	41652100610	TRANSPORTADOR DE COMPUERTA	1	7.00	599.8344	4198.84
1515	41652100630	TRANSPORTADOR DE COMPUERTA	1	7.00	897.9544	6285.68
1516	41652100800		1	0.00	3075.3243	0.00
1517	41652100810		1	0.00	134.6908	0.00
1518	41652100830		1	0.00	481.3031	0.00
1519	41652100850		1	0.00	107.7507	0.00
1520	41652100870		1	0.00	53.8714	0.00
1521	41652100890		1	0.00	6.1014	0.00
1522	41652100900		1	0.00	3461.7989	0.00
1523	41652100910		1	0.00	21.5436	0.00
1524	41652101000		1	0.00	258.6087	0.00
1525	41652101130		1	0.00	35.9154	0.00
1526	41652101300		1	0.00	35.9154	0.00
1527	41652101310		1	0.00	9.6924	0.00
1528	41652101400		1	0.00	12.2126	0.00
1529	41652101600		1	0.00	25286.4815	0.00
1530	41652200010		1	0.00	11975.1557	0.00
1531	41652200030		1	0.00	7.5419	0.00
1532	41652200050		1	0.00	11.3146	0.00
1533	41652200070		1	0.00	1.1299	0.00
1534	41652200090		1	0.00	0.1489	0.00
1535	41652200110		1	0.00	0.3753	0.00
1536	41652200130		1	0.00	0.1391 #	0.00
1537	41652200150		1	0.00	1.1299	0.00
1538	41652200170		1	0.00	0.3753	0.00
1539	41652200190		1	0.00	0.3004	0.00
1540	41652200210		1	0.00	0.1391 #	0.00
1541	41652200500		1	0.00	2514.2795	0.00
1542	41652200530		1	0.00	6.1014	0.00
1543	41652200550		1	0.00	120.3265	0.00
1544	41652200810		1	0.00	123.9175	0.00
1545	41652200910		1	0.00	123.9175	0.00
1546	41652201010		1	0.00	556.7284	0.00
1547	41652201100		1	0.00	1.0543	0.00
1548	41652201110		1	0.00	1.0543	0.00
1549	41652201120		1	0.00	0.2249	0.00
1550	41652201220	ARANDELA	1	24.00	4.7297	113.51
1551	41652300050		1	0.00	21.5436	0.00
1552	41652300100		1	0.00	12.2126	0.00
1553	41652400010	RESISTOR	1	2.00	5689.4570	11378.91
1554	41652400030	CAPACITOR	1	8.00	61.0603	488.48
1555	41660200010		1	0.00	4874.1103	0.00
1556	41660200030	JUNTA	1	0.00	38.4287	0.00
1557	41660200050		1	0.00	7.1877	0.00
1558	41660200070		1	0.00	5.3843	0.00
1559	41660200090		1	0.00	14.3628	0.00
1560	41660200110		1	0.00	14.3628	0.00
1561	41660200130		1	0.00	1.7934	0.00
1562	41660200150	TERMINAL B	1	396.00	1.7934	710.19
1563	41660200160	TUERCA	1	26.00	0.1391 #	3.62
1564	41660200170	COLLAR	1	15.00	0.1391 #	2.09
1565	41660200180	PERNO	1	13.00	0.1391 #	1.81
1566	41660200190	PERNO	1	0.00	0.2092	0.00

ANEXO



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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

FOLIO 2091



Página: 28

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94

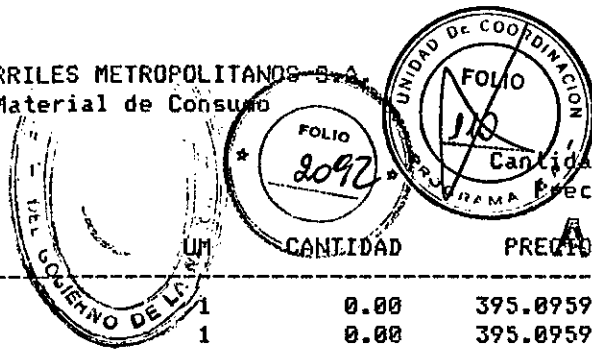
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTE
1567	41660200210	CONTACTO AUXILIAR	1	24.0642	240.64
1568	41660200250		1	0.00	0.00
1569	41660200290		1	0.00	0.00
1570	41660200300	CAJA DE CONEXIONES	1	951.8338	2855.50
1571	41660200350		1	0.00	0.00
1572	41660200400		1	0.00	0.00
1573	41660200410		1	0.00	0.00
1574	41660200550		1	0.00	0.00
1575	41660201000		1	0.00	0.00
1576	41660201030		1	0.00	0.00
1577	41660201050		1	0.00	0.00
1578	41660201070		1	0.00	0.00
1579	41660201090		1	0.00	0.00
1580	41660201110		1	0.00	0.00
1581	41660201130	TERMINAL	1	1.7934	1.79
1582	41660201150	TERMINAL	1	1.7934	1.79
1583	41660201170		1	0.00	0.00
1584	41660201190		1	0.00	0.00
1585	41660201210		1	0.00	0.00
1586	41660201230		1	0.00	0.00
1587	41660201250		1	0.00	0.00
1588	41660201270		1	0.00	0.00
1589	41660201300		1	0.00	0.00
1590	41660201500		1	0.00	0.00
1591	41660201510	JUNTA	14	9.6924	135.69
1592	41660202000		1	0.00	0.00
1593	41660202010		1	0.00	0.00
1594	41660202030		1	0.00	0.00
1595	41660202050		1	0.00	0.00
1596	41660202070		1	0.00	0.00
1597	41660202090		1	0.00	0.00
1598	41660202110		1	0.00	0.00
1599	41660202130		1	0.00	0.00
1600	41660202210		1	0.00	0.00
1601	41660202230	ANILLO DE FIJACION	1	0.00	0.00
1602	41660202300		1	0.00	0.00
1603	41660300010	CAJA DE EMPALME	3	452.5667	1357.70
1604	41660300500	CAJA DE EMPALME	3	452.5667	1357.70
1605	41660301000	CAJA DE EMPALME	1	951.8338	951.83
1606	41660700010		1	0.00	0.00
1607	41660700100		1	0.00	0.00
1608	41660700130	CAPACITOR	2	6.1014	12.20
1609	41660700500		1	0.00	0.00
1610	41660700530		1	0.00	0.00
1611	41660700810	CONTACTO MOVIL	34	34.1205	1160.10
1612	41661500010	CONTROLADOR	1	0.00	0.00
1613	41661500200	ARBOL DE LEVA	1	0.00	0.00
1614	41661500500		1	0.00	0.00
1615	41661500900	ARBOL DE LEVAS	2	2097.6282	4195.26
1616	41661501200		1	0.00	0.00
1617	41661501230		1	0.00	0.00
1618	41661501300		1	0.00	0.00
1619	41661501330		1	0.00	0.00
1620	41661501400	CONTROLADOR ESTATICO	6	2844.7251	17068.35
1621	41661501500		1	0.00	0.00
1622	41661501530	BOQUILLA DE CONTACTO	164	24.0642	3946.53
1623	41661501580		1	0.00	0.00
1624	41661501600		2	2.5100	5.02

ANEXO

Handwritten initials and a checkmark.

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



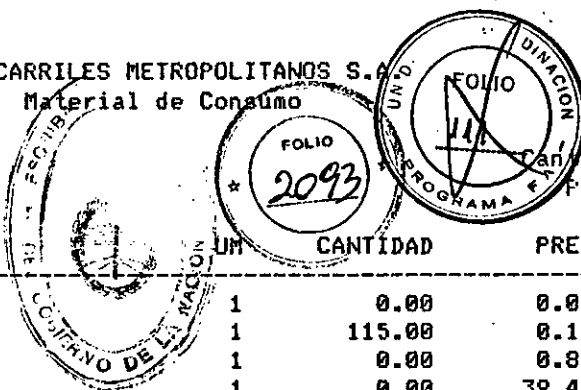
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTO
1625	41661501610		1	0.00	395.0959	0.00
1626	41661501620		1	0.00	395.0959	0.00
1627	41661501700		1	0.00	1795.9100	0.00
1628	41661501730		1	0.00	0.0000 +	0.00
1629	41661501800		1	0.00	1077.5478	0.00
1630	41661501830	CONTACTO P/RELEVADOR	1	5.00	1.4322	7.16
1631	41661501850	GRIFO	1	0.00	1.4322	0.00
1632	41661501900		1	2.00	6054.7490	12109.50
1633	41661502000	PRESOSTATO	1	2.00	2096.0806	4192.16
1634	41661505000	CONECTOR	1	9.00	4.3515	39.16
1635	41661510000		1	0.00	1.1228	0.00
1636	41661900010		1	0.00	4791.4945	0.00
1637	41661900030		1	0.00	348.4065	0.00
1638	41661900050		1	0.00	34.1205	0.00
1639	41661900070	CONTACTO MOVIL	1	0.00	0.1489	0.00
1640	41661900090	GENERADOR FIJO	1	10.00	0.2249	2.25
1641	41661900300	RELE	1	2.00	301.7079	603.42
1642	41661901000		1	0.00	4310.1900	0.00
1643	41661901100	CONTACTOR	1	0.00	588.6999	0.00
1644	41661901110	CONTACTO	1	56.00	0.1391 #	7.79
1645	41661901130		1	0.00	0.1391 #	0.00
1646	41661901150	CONTACTOR	1	0.00	588.6999	0.00
1647	41661901200	CONTACTOR	1	0.00	588.6999	0.00
1648	41661901350		1	0.00	391.5063	0.00
1649	41662000250		1	0.00	4.7141	0.00
1650	41662000270		1	0.00	5.0764	0.00
1651	41662000300		1	0.00	10179.2440	0.00
1652	41662000400		1	0.00	3011.3707	0.00
1653	41662000500		1	0.00	30.5293	0.00
1654	41662000550		1	0.00	682.4419	0.00
1655	41662000650		1	0.00	240.6470	0.00
1656	41662000670	CABLE DE CONEXION	1	6.00	240.6470	1443.88
1657	41662100010		1	0.00	7902.0202	0.00
1658	41662100100		1	0.00	1199.6636	0.00
1659	41662100150		1	0.00	556.7284	0.00
1660	41662100210		1	0.00	150.8794	0.00
1661	41662100230		1	0.00	7.5419	0.00
1662	41662100500		1	0.00	641.2446	0.00
1663	41662100530		1	0.00	52.8072	0.00
1664	41662100550		1	0.00	2.8728	0.00
1665	41662100570		1	0.00	0.0000 +	0.00
1666	41662100590		1	0.00	0.0000 +	0.00
1667	41662100710	RELE	1	0.00	43.0978	0.00
1668	41662101010		1	0.00	641.2446	0.00
1669	41662101070		1	0.00	114.9319	0.00
1670	41662101090		1	0.00	0.0000 +	0.00
1671	41662101310		1	0.00	538.7739	0.00
1672	41662200030	PASADOR	1	2.00	0.6012	1.20
1673	41662200050	CONEXION	1	2.00	11.3146	22.63
1674	41670400010	CAJA LLAVE	1	2.00	22.8844	45.77
1675	41670900010		1	0.00	4791.4945	0.00
1676	41670901000	ELECTROLITO	1	0.00	7.5419	0.00
1677	41670902000	CAJA DE BATERIA	1	1.00	7.5419	7.54
1678	41671500010		1	0.00	0.0000 +	0.00
1679	41671501000	PULSADOR	1	0.00	81.4393	0.00
1680	41671502000	CAJA	1	1.00	165.4228	165.42
1681	41671503000	CAJA	1	2.00	165.4228	330.85
1682	41671504000	TABLERO	1	0.00	1018.1093	0.00

ANEXO

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



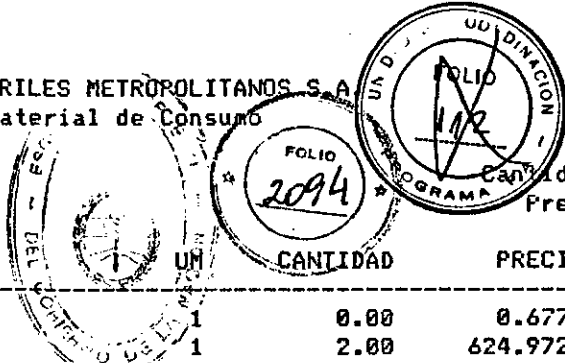
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1683	41671504010		1	0.00	0.0000 +	0.00
1684	41671505040	BARRA TENSORA	1	115.00	0.1391 #	16.00
1685	41671505050	RESORTE	1	0.00	0.8665	0.00
1686	41671600010	CALEFACTOR	1	0.00	39.4812	0.00
1687	41671601000		1	0.00	55.3876	0.00
1688	41671601800		1	0.00	0.3103	0.00
1689	41671700010		1	0.00	689.6244	0.00
1690	41671800010		1	0.00	0.0000 +	0.00
1691	41671800030		1	0.00	0.0000 +	0.00
1692	41671800040		1	0.00	0.0000 +	0.00
1693	41671900010		1	0.00	359.1787	0.00
1694	41672000010		1	0.00	422.3985	0.00
1695	41672000020		1	0.00	0.0000 +	0.00
1696	41672000090	UNIDAD SELLADA	1	1.00	180.5040	180.50
1697	41672000100		1	0.00	3.4892	0.00
1698	41672200010	ARTEFACTO LUZ	1	5.00	46.3064	231.53
1699	41672300010	ARTEFACTO ABRE PUERTA	1	1.00	7.6276	7.63
1700	41672300050		1	0.00	3.4892	0.00
1701	41672400010	ARTEFACTO DE LUZ	1	41.00	44.5666	1827.23
1702	41672600010		1	0.00	179.5851	0.00
1703	41672600050	PLAFONES	1	0.00	31.2463	0.00
1704	41672700050		1	0.00	0.0000 +	0.00
1705	41672800010	ARTEFACTO	1	4.00	142.9509	571.80
1706	41672800030	TULIPAS	1	39.00	8.8573	345.43
1707	41672900010		1	0.00	0.3353	0.00
1708	41673400010		1	0.00	113.3606	0.00
1709	41673400050		1	0.00	0.0000 +	0.00
1710	41673400060		1	0.00	0.0000 +	0.00
1711	41673400500	CAJA DE RELE	1	1.00	1880.6444	1880.64
1712	41673400800	CABLE	3	0.00	990.6253	0.00
1713	41673500010	LLAVE CONTROL PUERTA	1	5.00	94.8906	474.45
1714	41673600010	LLAVE	1	0.00	72.8736	0.00
1715	41674600030	TUBOS	1	0.00	2.5100	0.00
1716	41674700100		1	0.00	84.4010	0.00
1717	41674700300		1	0.00	8742.5141	0.00
1718	41674700350		1	0.00	103.7240	0.00
1719	41674700510		1	0.00	21.4130	0.00
1720	41674700520		1	0.00	21.4130	0.00
1721	41674700530		1	0.00	1.1357	0.00
1722	41674700700		1	0.00	2216.1528	0.00
1723	41674700710		1	0.00	2438.8457	0.00
1724	41674700900		1	0.00	114.9319	0.00
1725	41674701000		1	0.00	57.4693	0.00
1726	41674701030	RODAMIENTO	1	3.00	26.9384	80.82
1727	41674701200		1	0.00	76.3526	0.00
1728	41674702040		1	0.00	0.0000 +	0.00
1729	41674702060		1	0.00	0.0000 +	0.00
1730	41674800010	CONTACTOR PRINCIPAL	1	5.00	1077.5478	5387.74
1731	41674800030	CONTACTO	1	19.00	61.0603	1160.15
1732	41674800050	SOPORTE	1	18.00	61.0603	1099.09
1733	41674800100	CONTROL	1	0.00	3178.6689	0.00
1734	41674800200	CONTACTOR	1	5.00	897.9544	4489.77
1735	41674800230		1	0.00	44.8927	0.00
1736	41674800250		1	0.00	44.8927	0.00
1737	41674800350	BOQUILLA	1	0.00	12.2126	0.00
1738	41674800400		1	0.00	120.3265	0.00
1739	41674800410		1	0.00	71.8324	0.00
1740	41674800430		1	0.00	71.8324	0.00

ANEXO

AP

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



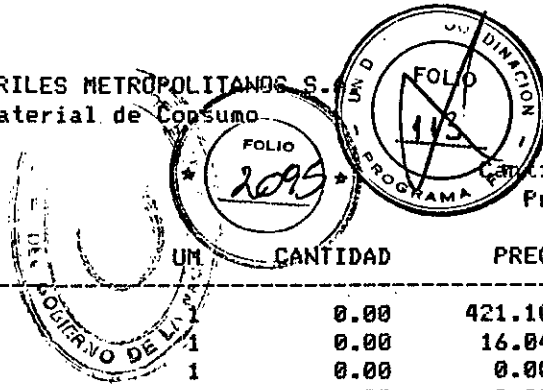
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEJO	IMPORTE
1741	41674800450		1	0.00	0.6775		0.00
1742	41674800500	RELE	1	2.00	624.9726		1249.95
1743	41674800510		1	0.00	299.9131		0.00
1744	41674800600		1	0.00	0.0000 +		0.00
1745	41674800610	RELE	1	1.00	55.8754		55.88
1746	41674801000		1	0.00	466.9381		0.00
1747	41674801100		1	0.00	0.0000 +		0.00
1748	41674801200	BASE P/RELE	1	30.00	0.4663		13.99
1749	41674900010	VOLTIMETRO COMPLETO	1	1.00	149.7780		149.78
1750	41674900200		1	0.00	13.3510		0.00
1751	41674900270	PERNO SOPORTE	1	120.00	0.1391 #		16.69
1752	41675000010		1	0.00	34.1205		0.00
1753	41675100010		1	0.00	34.1205		0.00
1754	41675200010		1	0.00	0.1391 #		0.00
1755	41676500050		1	0.00	7.2017		0.00
1756	41680100030		1	0.00	20990.6528		0.00
1757	41680100070		1	0.00	0.0000 +		0.00
1758	41680100150		1	0.00	7.5164		0.00
1759	41680100160		1	0.00	0.0000 +		0.00
1760	41680100200		1	0.00	0.0000 +		0.00
1761	41680100250		1	0.00	0.0000 +		0.00
1762	41680100300		1	0.00	272.9729		0.00
1763	41680100310		1	0.00	0.0000 +		0.00
1764	41680100350		1	0.00	5.0892		0.00
1765	41680100680		1	0.00	0.0000 +		0.00
1766	41680100690		1	0.00	0.0000 +		0.00
1767	41680101010		1	0.00	18.6783		0.00
1768	41680101070		1	0.00	0.0000 +		0.00
1769	41680101100		1	0.00	329.0108		0.00
1770	41680101130		1	0.00	0.0000 +		0.00
1771	41680101270		1	0.00	0.0000 +		0.00
1772	41680101280		1	0.00	0.0000 +		0.00
1773	41680101300		1	0.00	0.0000 +		0.00
1774	41680101310		1	0.00	0.0000 +		0.00
1775	41680101320		1	0.00	0.0000 +		0.00
1776	41680101330		1	0.00	0.0000 +		0.00
1777	41680101350		1	0.00	17.7465		0.00
1778	41680101360		1	0.00	12.5328		0.00
1779	41680101370		1	0.00	68.2743		0.00
1780	41680101380	ARO RASCA ACEITE	1	0.00	56.1472		0.00
1781	41680101390		1	0.00	68.2743		0.00
1782	41680101400		1	0.00	0.0000 +		0.00
1783	41680101410		1	0.00	0.0000 +		0.00
1784	41680101420		1	0.00	0.0000 +		0.00
1785	41680101440		1	0.00	49.1289		0.00
1786	41680101450		1	0.00	49.1289		0.00
1787	41680101460		1	0.00	0.0000 +		0.00
1788	41680101470		1	0.00	0.0000 +		0.00
1789	41680101520		1	0.00	0.0000 +		0.00
1790	41680101530		1	0.00	0.0000 +		0.00
1791	41680101540		1	0.00	0.0000 +		0.00
1792	41680101550		1	0.00	13.5355		0.00
1793	41680101610		1	0.00	5.7508		0.00
1794	41680101650		1	0.00	0.0000 +		0.00
1795	41680101730	JUNTA	1	0.00	8.0210		0.00
1796	41680101770	JUNTA	1	0.00	8.2216		0.00
1797	41680101790		1	0.00	2.8560		0.00
1798	41680101810		1	0.00	2.3548		0.00

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1799	41680101830			0.00	421.1048	0.00
1800	41680101840		1	0.00	16.0420	0.00
1801	41680101850		1	0.00	0.0000 +	0.00
1802	41680101860		1	0.00	0.0000 +	0.00
1803	41680101870	RESORTE	1	0.00	16.0420	0.00
1804	41680101880	O RING	1	0.00	19.1426	0.00
1805	41680101890	FILTRO	1	0.00	6.7126	0.00
1806	41680101910	PLACA	1	0.00	45.9719	0.00
1807	41680101930	PLACA	1	0.00	45.9719	0.00
1808	41680101950	RESORTE	1	0.00	14.0368	0.00
1809	41680101970		1	0.00	0.0000 +	0.00
1810	41680101990		1	0.00	4.8126	0.00
1811	41680102010	PLACA	1	0.00	27.2925	0.00
1812	41680102110	ANILLO	1	0.00	8.0210	0.00
1813	41680102170		1	0.00	6.0158	0.00
1814	41680102210	JUNTA INFERIOR	1	0.00	5.9155	0.00
1815	41680102230	JUNTA	1	0.00	2.4143	0.00
1816	41680102250	JUNTA	1	0.00	1.1366	0.00
1817	41680102270		1	0.00	295.1905	0.00
1818	41680102280		1	0.00	14.0368	0.00
1819	41680102290		1	0.00	0.0000 +	0.00
1820	41680102310	RESORTE	1	0.00	12.0316	0.00
1821	41680102320	PLACA	1	0.00	37.1978	0.00
1822	41680102330	PLACA	1	0.00	6.4403	0.00
1823	41680102350	PLACA	1	0.00	45.9719	0.00
1824	41680102370	PLACA	1	0.00	45.9719	0.00
1825	41680102390	RESORTE	1	0.00	9.0237	0.00
1826	41680102400		1	0.00	0.0000 +	0.00
1827	41680102410		1	0.00	0.0000 +	0.00
1828	41680102430		1	0.00	4.8126	0.00
1829	41680102510	ANILLO	1	0.00	6.0158	0.00
1830	41680102600	JUNTA	1	0.00	2.7292	0.00
1831	41680102650	JUNTA	1	0.00	4.5930	0.00
1832	41680102700		1	0.00	0.0000 +	0.00
1833	41680103000		1	0.00	6397.0462	0.00
1834	41680103080		1	0.00	224.1632	0.00
1835	41680103110		1	0.00	141.1871	0.00
1836	41680200200		1	0.00	0.0000 +	0.00
1837	41680200350		1	0.00	54.5949	0.00
1838	41680200450	JUNTA	1	17.00	9.3386	158.76
1839	41680200470		1	0.00	0.0000 +	0.00
1840	41680400010		1	0.00	1527.7678	0.00
1841	41680400030		1	0.00	0.0000 +	0.00
1842	41680400050		1	0.00	0.0000 +	0.00
1843	41680400070		1	0.00	0.0000 +	0.00
1844	41680400090	JUNTA	1	60.00	4.2811	256.87
1845	41680400100		1	0.00	0.0000 +	0.00
1846	41680400110		1	0.00	0.0000 +	0.00
1847	41680400130	VALVULA	1	128.00	4.2811	547.98
1848	41680400150		1	0.00	0.0000 +	0.00
1849	41680400170		1	0.00	0.0000 +	0.00
1850	41680400190		1	0.00	0.0000 +	0.00
1851	41680400210		1	0.00	13.9176	0.00
1852	41680400230		1	0.00	0.0000 +	0.00
1853	41680400250		1	0.00	0.0000 +	0.00
1854	41680400300		1	0.00	0.0000 +	0.00
1855	41680400320	DIAFRAGMA	1	0.00	13.9176	0.00
1856	41680400340		1	0.00	0.0000 +	0.00

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

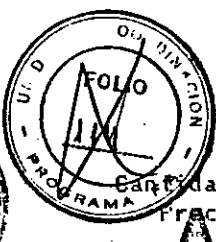
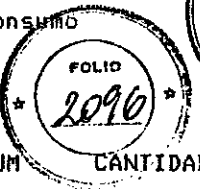
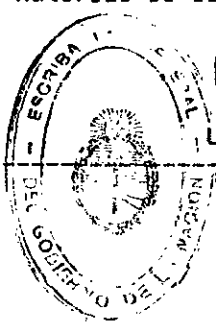
Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1857	41680400360	DIAFRAGMA	1	0.00	13.2484	0.00
1858	41680400380		1	0.00	0.0000 +	0.00
1859	41680400400		1	0.00	0.0000 +	0.00
1860	41680400420		1	0.00	0.0000 +	0.00
1861	41680400440		1	0.00	0.0000 +	0.00
1862	41680400460		1	0.00	0.0000 +	0.00
1863	41680400480		1	0.00	0.0000 +	0.00
1864	41680400500	JUNTA	1	40.00	2.3398	93.59
1865	41680400520	DIAFRAGMA	1	0.00	13.9176	0.00
1866	41680400540		1	0.00	0.0000 +	0.00
1867	41680400560		1	0.00	0.0000 +	0.00
1868	41680400580		1	0.00	0.0000 +	0.00
1869	41680400600	SELLADOR	1	19.00	4.2811	81.34
1870	41680400620	VALVULA	1	0.00	4.2811	0.00
1871	41680401080		1	0.00	0.0000 +	0.00
1872	41680401100	DIAFRAGMA	1	0.00	8.5638	0.00
1873	41680401120		1	0.00	0.0000 +	0.00
1874	41680401140		1	0.00	0.0000 +	0.00
1875	41680401160	ANILLO	1	0.00	1.0161	0.00
1876	41680401180	VALVULA	1	0.00	0.5339	0.00
1877	41680401200	SELLADOR	1	118.00	1.0161	119.90
1878	41680401220	VALVULA	1	0.00	4.2811	0.00
1879	41680401360	VALVULA	1	0.00	11.6225	0.00
1880	41680500010	VALVULA	1	0.00	2036.3553	0.00
1881	41680500020	BASE DE CANERIA	1	5.00	11.2429	56.21
1882	41680500030		1	0.00	0.0000 +	0.00
1883	41680500050		1	0.00	0.0000 +	0.00
1884	41680500070	VALVULA	1	0.00	4.2811	0.00
1885	41680500090	JUNTA	1	0.00	0.5015	0.00
1886	41680500110	JUNTA	1	0.00	1.0019	0.00
1887	41680500130	SELLADOR	1	0.00	0.1391 #	0.00
1888	41680500150		1	0.00	0.0000 +	0.00
1889	41680500170		1	0.00	0.0000 +	0.00
1890	41680500190	LEVA	1	0.00	10.9615	0.00
1891	41680500210		1	0.00	0.0000 +	0.00
1892	41680500230		1	0.00	0.0000 +	0.00
1893	41680500250	JUNTA	1	20.00	12.7128	254.26
1894	41680500270	DIAFRAGMA	1	30.00	10.1703	305.11
1895	41680500290		1	0.00	0.0000 +	0.00
1896	41680500310		1	0.00	0.0000 +	0.00
1897	41680500330		1	0.00	0.0000 +	0.00
1898	41680500340	DIAFRAGMA	1	0.00	10.5398	0.00
1899	41680500350	JUNTA	1	45.00	4.2811	192.65
1900	41680500370	JUNTA	1	0.00	1.0161	0.00
1901	41680500500	ANILLO	1	0.00	2.0728	0.00
1902	41680500530	ANILLO	1	0.00	1.7386	0.00
1903	41680500550	JUNTA	1	0.00	0.4273	0.00
1904	41680500570		1	0.00	0.0000 +	0.00
1905	41680500590		1	0.00	0.0000 +	0.00
1906	41680500610		1	0.00	0.0000 +	0.00
1907	41680500750		1	0.00	13.9176	0.00
1908	41680501740		1	0.00	4.5469	0.00
1909	41680503000		1	0.00	0.1391 #	0.00
1910	41680700010		1	0.00	601.6017	0.00
1911	41680700030		1	0.00	10.1703	0.00
1912	41680700050		1	0.00	0.0000 +	0.00
1913	41680700090	JUNTA	1	72.00	1.0161	73.16
1914	41680700110		1	0.00	0.0000 +	0.00

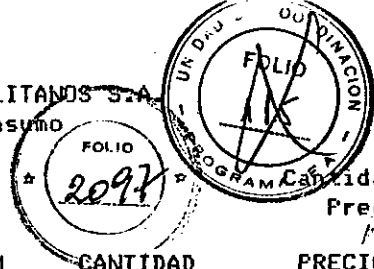
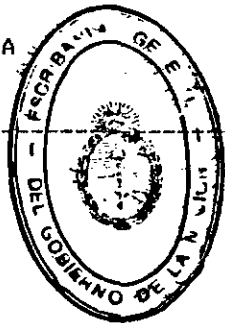
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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Actividades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1915	41680700130		1	0.00	0.0000 +	0.00
1916	41680700150	VALVULA	1	39.00	0.5015	19.56
1917	41680700170	JUNTA	1	50.00	1.7386	86.93
1918	41680700190	TAPA JUNTA	1	55.00	0.8543	46.99
1919	41680700210		1	0.00	0.0000 +	0.00
1920	41680700230		1	0.00	0.0000 +	0.00
1921	41680800010		1	0.00	1181.7095	0.00
1922	41680800030	JUNTA	1	87.00	13.2835	1155.66
1923	41680800150		1	0.00	5.2789	0.00
1924	41680800250		1	0.00	3.2648	0.00
1925	41680800270		1	0.00	0.0000 +	0.00
1926	41680800310		1	0.00	5.2789	0.00
1927	41680800600		1	0.00	0.3753	0.00
1928	41680907000		1	0.00	0.3076	0.00
1929	41681000010		1	0.00	263.9962	0.00
1930	41681000200	VALVULA	1	0.00	273.3356	0.00
1931	41681000270		1	0.00	0.0000 +	0.00
1932	41681200010		1	0.00	3.0907	0.00
1933	41681200090		1	0.00	0.0000 +	0.00
1934	41681200110		1	0.00	0.0000 +	0.00
1935	41681200130		1	0.00	0.0000 +	0.00
1936	41681200190		1	0.00	0.0000 +	0.00
1937	41681200350		1	0.00	0.0000 +	0.00
1938	41681200370		1	0.00	0.0000 +	0.00
1939	41681400010	VALVULA	1	6.00	48.8492	293.10
1940	41681400030	SELLADOR	1	90.00	12.7128	1144.15
1941	41681700010		1	0.00	347.3090	0.00
1942	41681700030	VALVULA	1	0.00	4.2811	0.00
1943	41681700050		1	0.00	0.0000 +	0.00
1944	41681700070	TAPA JUNTA	1	55.00	0.8684	47.76
1945	41681700090		1	0.00	0.0000 +	0.00
1946	41681700110		1	0.00	0.0000 +	0.00
1947	41681700130	JUNTA	1	58.00	1.0161	58.93
1948	41681901100		1	0.00	0.0000 +	0.00
1949	41681901120	VALVULA	1	166.00	4.2811	710.66
1950	41681901500		1	0.00	0.0000 +	0.00
1951	41681901520		1	0.00	0.0000 +	0.00
1952	41682000010		1	0.00	1122.4437	0.00
1953	41682000170		1	0.00	66.0841	0.00
1954	41682000190		1	0.00	66.0841	0.00
1955	41682000210		1	0.00	1.9365	0.00
1956	41682000290		1	0.00	27.3776	0.00
1957	41682000610		1	0.00	264.0032	0.00
1958	41682000690		1	0.00	5.2789	0.00
1959	41682000800		1	0.00	0.0000 +	0.00
1960	41682001000		1	0.00	6.5312	0.00
1961	41682001010		1	0.00	0.3810	0.00
1962	41682001250		1	0.00	5.7469	0.00
1963	41682001270		1	0.00	197.9094	0.00
1964	41682001290	VALVULA	1	25.00	0.4200	10.50
1965	41682001310	VALVIULA	1	22.00	0.4200	9.24
1966	41682003000		1	0.00	341.5786	0.00
1967	41682003050	VALVULA	1	529.00	10.4090	5506.36
1968	41682003090		1	0.00	0.0000 +	0.00
1969	41682003210		1	0.00	10.4090	0.00
1970	41682003230		1	0.00	1.1834	0.00
1971	41682003510	VALVULA	1	0.00	2.9781	0.00
1972	41682003610		1	0.00	10.4090	0.00

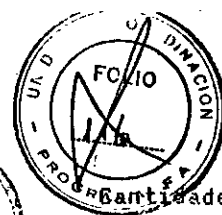
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

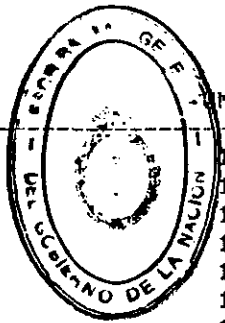
Emisión: 10/11/94

Página: 35

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Cantidades al: 31/08/94
Precios al: 31/08/94



ANEXO

#####	NUM	DESCRIPCION	M	SANTIDAD	PRECIO	IMPORTE
1973	41682003700		1	0.00	88.1732	0.00
1974	41682003790		1	0.00	1.6888	0.00
1975	41682003830		1	0.00	1.9747	0.00
1976	41682004010	JUNTA	1	450.00	2.2924	1031.58
1977	41682004100		1	0.00	26.9384	0.00
1978	41682004330	JUNTA	1	260.00	0.0000 +	0.00
1979	41682004500		1	0.00	0.0000 +	0.00
1980	41682005000	ELECTRO VALVULA	1	5.00	208.2508	1041.25
1981	41682005030		1	0.00	0.0000 +	0.00
1982	41682005050		1	0.00	0.0000 +	0.00
1983	41682005070		1	0.00	0.0000 +	0.00
1984	41682005090		1	0.00	0.0000 +	0.00
1985	41682005110		1	0.00	0.0000 +	0.00
1986	41682005130		1	0.00	0.0000 +	0.00
1987	41682005150		1	0.00	0.0000 +	0.00
1988	41682005170		1	0.00	0.0000 +	0.00
1989	41682005190		1	0.00	0.0000 +	0.00
1990	41682005210		1	0.00	0.0000 +	0.00
1991	41682005230	VALVULA	1	2.00	12.3113	24.62
1992	41682005250	ASIENTO DE GOMA	1	0.00	0.3598	0.00
1993	41682005270	JUNTA	1	92.00	1.1031	101.49
1994	41682005290	JUNAT	1	35.00	0.5072	17.75
1995	41682005310		1	0.00	0.0000 +	0.00
1996	41682005330	JUNTA	1	55.00	0.3478	19.09
1997	41682005350	JUNTA	1	200.00	0.4273	85.46
1998	41682005370	JUNTA	1	0.00	1.0161	0.00
1999	41682005390	JUNTA	1	0.00	1.0161	0.00
2000	41682005410		1	0.00	0.0000 +	0.00
2001	41682005430	JUNTA	1	0.00	0.3470	0.00
2002	41682006000	VALVULA	1	2.00	208.2508	416.50
2003	41682006020		1	0.00	0.0000 +	0.00
2004	41682006040		1	0.00	0.0000 +	0.00
2005	41682006060		1	0.00	0.0000 +	0.00
2006	41682006080		1	0.00	0.0000 +	0.00
2007	41682006100		1	0.00	0.0000 +	0.00
2008	41682006120	JUNTA	1	54.00	0.9821	53.03
2009	41682006140	BOBINA	1	0.00	49.3188	0.00
2010	41682006160		1	0.00	0.0000 +	0.00
2011	41682006180		1	0.00	0.0000 +	0.00
2012	41682006200		1	0.00	0.0000 +	0.00
2013	41682006220	VALVULA	1	0.00	12.3113	0.00
2014	41682006240		1	0.00	0.0000 +	0.00
2015	41682006500	VALVULA	1	0.00	0.1391 #	0.00
2016	41682006520	DIAFRAGMA	1	0.00	10.1703	0.00
2017	41682006540		1	0.00	0.0000 +	0.00
2018	41682006560		1	0.00	0.0000 +	0.00
2019	41682006580	TAPA	1	4.00	0.8684	3.47
2020	41682006600	DIAFRAGMA	1	3.00	10.1703	30.51
2021	41682006620	VALVULA	1	152.00	0.4299	65.34
2022	41682006640	JUNTA	1	0.00	0.6803	0.00
2023	41683100100		1	0.00	0.0000 +	0.00
2024	41683100400		1	0.00	0.3922	0.00
2025	41683101000	UNIDAED COMPLETA	1	2.00	28256.9289	56513.86
2026	41683101030	JUNTA	1	49.00	2.8096	137.67
2027	41683101050	JUNTA	1	75.00	3.4785	260.89
2028	41683101070	JUNTA	1	60.00	3.4785	208.71
2029	41683101090	JUNTA	1	75.00	4.2811	321.08
2030	41683300010		1	0.00	8200.1475	0.00

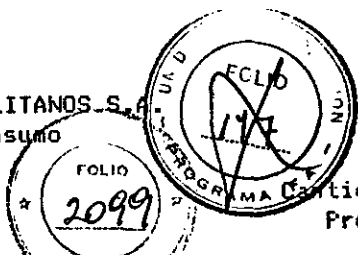
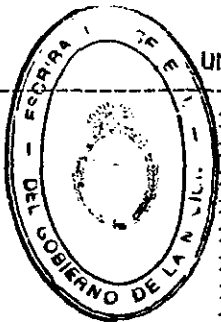
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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ORTE
2031	41683300030	LLAVE DE PRESION	1	2.00	521.5278	1043.06
2032	41683300050		1	0.00	0.0000 +	0.00
2033	41683300070		1	0.00	0.0000 +	0.00
2034	41683300090	JUNTA	1	330.00	0.3470	114.51
2035	41683300100		1	0.00	6.5279	0.00
2036	41683300110		1	0.00	0.0000 +	0.00
2037	41683300130	DIAFRAGMA	1	0.00	3.4785	0.00
2038	41683300150	PRESOSTATO	1	0.00	0.1391 #	0.00
2039	41683400010		1	0.00	366.3611	0.00
2040	41683400030		1	0.00	167.7335	0.00
2041	41683700010		1	0.00	31.6075	0.00
2042	41683700030		1	0.00	6.4638	0.00
2043	41683700070		1	0.00	2.6535	0.00
2044	41683700250	ELEMENTO	1	0.00	147.7075	0.00
2045	41683700290	ANILLO DE FIELTRO	1	31.00	0.5721	17.74
2046	41683700320		1	0.00	0.0000 +	0.00
2047	41683700500	FIELTRO	1	9.00	83.3127	749.81
2048	41683700520		1	0.00	0.0000 +	0.00
2049	41683700540	JUNTA	1	149.00	1.0161	151.40
2050	41683700560	JUNTA	1	198.00	0.1391 #	27.54
2051	41683700580	FILTRO	1	3.00	27.7703	83.31
2052	41683700600	JUNTA	1	0.00	1.0161	0.00
2053	41683700620	JUNTA	1	189.00	1.0161	192.04
2054	41683700640	JUNTA	1	0.00	1.0161	0.00
2055	41683700660	JUNTA	1	80.00	0.1391 #	11.13
2056	41683700680	FILTRO	1	10.00	27.7703	277.70
2057	41683700700		1	0.00	0.0000 +	0.00
2058	41683701000	FILTRO	1	1.00	34.7969	34.80
2059	41683701020		1	0.00	0.0000 +	0.00
2060	41683701030	FILTRO	1	5.00	2.5410	12.71
2061	41683701040		1	0.00	0.0000 +	0.00
2062	41683701050		1	0.00	0.0000 +	0.00
2063	41683701070		1	0.00	0.0000 +	0.00
2064	41683701090	JUNTA	1	86.00	1.0161	87.38
2065	41683701210		1	0.00	0.0000 +	0.00
2066	41683701230		1	0.00	0.0000 +	0.00
2067	41683701250	FILTRO	1	7.00	2.5410	17.79
2068	41683701400		1	0.00	0.0000 +	0.00
2069	41683701420		1	0.00	0.0000 +	0.00
2070	41683701440	FILTRO	1	1.00	2.5410	2.54
2071	41683702000		1	0.00	0.0000 +	0.00
2072	41683702020		1	0.00	0.0000 +	0.00
2073	41683900010		1	0.00	0.0000 +	0.00
2074	41683900200	MANOMETRO	1	0.00	32.3877	0.00
2075	41683900220		1	0.00	0.0000 +	0.00
2076	41683900300		1	0.00	0.0000 +	0.00
2077	41684000010	GRIFO	1	21.00	47.7669	1003.10
2078	41684000020	RESORTE	1	32.00	1.1834	37.87
2079	41684000100	GRIFO	1	12.00	30.8835	370.60
2080	41684000200		1	0.00	0.0000 +	0.00
2081	41684000300	GRIFO	1	0.00	4.6677	0.00
2082	41684000400	GRIFO	1	0.00	8.8984	0.00
2083	41684000500		1	0.00	0.0000 +	0.00
2084	41684000600		1	0.00	0.0000 +	0.00
2085	41684001000	GRIFO	1	0.00	74.7065	0.00
2086	41684001010	VALVULA	1	7.00	13.9176	97.42
2087	41684001100		1	0.00	0.0000 +	0.00
2088	41684001150		1	0.00	0.0000 +	0.00

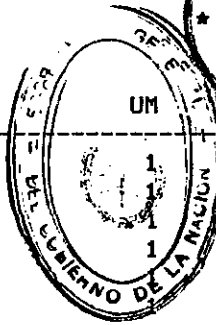
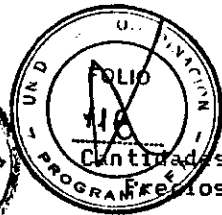


ANEXO

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Quantidades al: 31/08/94
Folios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2089	41684001170		1	0.00	0.0000 +	0.00
2090	41684001200	GRIFO	1	0.00	86.9211	0.00
2091	41684001210	JUNTA	1	86.00	1.1357	97.67
2092	41684001300	VALVULA	1	4.00	20.8104	83.24
2093	41684001400	VALVULA	1	7.00	20.8104	145.67
2094	41684001800		1	0.00	0.0000 +	0.00
2095	41684001820	GRIFO	1	0.00	3.4785	0.00
2096	41684002000	GRIFO	1	3.00	26.2145	78.64
2097	41684002030		1	0.00	0.0000 +	0.00
2098	41684100010		1	0.00	0.0000 +	0.00
2099	41684100200		1	0.00	0.0000 +	0.00
2100	41684101600		1	0.00	0.0000 +	0.00
2101	41684101800		1	0.00	0.0000 +	0.00
2102	41684200010	MANGUERA	1	47.00	80.8111	3798.12
2103	41684200020	MANGA	1	299.00	32.8318	9816.71
2104	41684200030		1	0.00	0.0000 +	0.00
2105	41684200100	MANGA	1	160.00	10.1703	1627.25
2106	41684200110	MANGA	1	70.00	27.8240	1947.68
2107	41684200200	MANGUERA	1	124.00	74.7065	9263.61
2108	41684200210	MANGA	1	564.00	21.8802	12340.43
2109	41684200350		1	0.00	0.9037	0.00
2110	41684200400		1	0.00	487.2484	0.00
2111	41684200500	MANGA	1	38.00	13.9176	528.07
2112	41684200510	MANGA	1	618.00	32.2747	19945.76
2113	41684200540	JUNTA	1	0.00	0.1391 #	0.00
2114	41684200610	MANGA	1	49.00	26.7106	1308.82
2115	41684200970	JUNTA	1	0.00	0.0000 +	0.00
2116	41685000210		1	0.00	1.0779	0.00
2117	41685000250		1	0.00	3.2268	0.00
2118	41685000470		1	0.00	0.4961	0.00
2119	41685000490		1	0.00	2.4735	0.00
2120	41685000590	ANILLO	1	0.00	0.0000 +	0.00
2121	41685000650	EMPAQUETADURA	1	220.00	1.1075	243.65
2122	41685000690		1	0.00	0.4961	0.00
2123	41685000910		1	0.00	0.8207	0.00
2124	41685000930		1	0.00	0.8207	0.00
2125	41685000970	JUNTA	1	450.00	1.2885	579.83
2126	41685001210		1	0.00	3.4080	0.00
2127	41685001230		1	0.00	0.6775	0.00
2128	41685001430		1	0.00	1.0019	0.00
2129	41685001510		1	0.00	32.8535	0.00
2130	41685001800		1	0.00	3.7708	0.00
2131	41685001900		1	0.00	0.9341	0.00
2132	41685002000	SOPORTE	1	17.00	74.7065	1270.01
2133	41685002010	RESORTE	1	16.00	2.9781	47.65
2134	41685002150		1	0.00	44.1755	0.00
2135	41685002300	LLAVÉ LIMITADORA	1	20.00	52.7974	1055.95
2136	41685100010	BOCINA	1	0.00	0.0000 +	0.00
2137	41685100030	JUNTA	1	43.00	0.3470	14.92
2138	41685100050		1	0.00	0.0000 +	0.00
2139	41685200010	VALVULA	1	0.00	34.7969	0.00
2140	41685200030		1	0.00	0.0000 +	0.00
2141	41685200050	JUNTA	1	0.00	0.5072	0.00
2142	41685300030		1	0.00	13.6460	0.00
2143	41685300050		1	0.00	2.3669	0.00
2144	41685300130		1	0.00	4.3063	0.00
2145	41685300230		1	0.00	5.0233	0.00
2146	41685300270		1	0.00	2.5100	0.00

ANEXO

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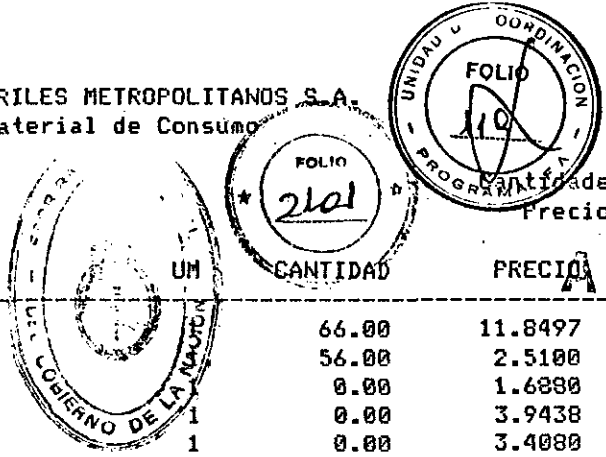
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 30

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2147	41685300500	VARILLA		66.00	11.8497	782.00
2148	41685300790	JUNTA		56.00	2.5100	140.56
2149	41685300830			0.00	1.6890	0.00
2150	41685300850			0.00	3.9438	0.00
2151	41685301190			0.00	3.4080	0.00
2152	41685301210			0.00	24.4180	0.00
2153	41685301400	VALVULA		0.00	15.0560	0.00
2154	41685301410	ACCESORIOS		6.00	0.6335	3.80
2155	41685301420	ACCESORIOS		4.00	0.6335	2.53
2156	41685301510			0.00	0.0000 +	0.00
2157	41685301590	FILTRO		60.00	1.1834	71.00
2158	41685500050			0.00	0.0000 +	0.00
2159	41685700010			0.00	11975.1557	0.00
2160	41685700500			0.00	4191.6653	0.00
2161	41685700600			0.00	26.9384	0.00
2162	41685700700			0.00	1558.8528	0.00
2163	41685701000			0.00	46.6888	0.00
2164	41685701200			0.00	113.8608	0.00
2165	41685701350			0.00	192.1605	0.00
2166	41685800010			0.00	2298.7670	0.00
2167	41685800050			0.00	0.0000 +	0.00
2168	41685800080			0.00	0.0000 +	0.00
2169	41685800100			0.00	0.0000 +	0.00
2170	41685800130			0.00	0.0000 +	0.00
2171	41685800150			0.00	0.0000 +	0.00
2172	41685800170	JUNTA		0.00	0.6803	0.00
2173	41685800190			0.00	0.0000 +	0.00
2174	41685800210	JUNTA		0.00	6.8236	0.00
2175	41685800230	ACCESORIO FLEXIBLE		1.00	3.4785	3.48
2176	41685800250	VALVULA		0.00	49.1837	0.00
2177	41685800300	BRAZO PROTECTOR		6.00	36.7648	220.59
2178	41685800700	GRAMPA		5.00	10.0082	50.04
2179	41685900010	CONTROL MAESTRO		0.00	2129.3731	0.00
2180	41685900050			0.00	29.8491	0.00
2181	41685900250	MICROSWITH		0.00	6.0212	0.00
2182	41685900330			0.00	1.8622	0.00
2183	41685900450	DIAPHRAGMA		0.00	10.1703	0.00
2184	41685900500			0.00	0.0000 +	0.00
2185	41685900550			0.00	0.0000 +	0.00
2186	41685900600			0.00	0.0000 +	0.00
2187	41685900650			0.00	0.0000 +	0.00
2188	41685901000	INTERRUPTOR		0.00	2128.7042	0.00
2189	41685901030			0.00	0.0000 +	0.00
2190	41685901050			0.00	0.0000 +	0.00
2191	41685901070			0.00	0.0000 +	0.00
2192	41685901090	RELEVADOR		3.00	150.4328	451.30
2193	41686000010			0.00	581.5176	0.00
2194	41686000030			0.00	5.3843	0.00
2195	41686000270			0.00	0.3598	0.00
2196	41686000350			0.00	26.5756	0.00
2197	41686000400			54.00	33.0414	1784.24
2198	41686100010			0.00	2736.8220	0.00
2199	41686100150			0.00	5.7469	0.00
2200	41686100250			0.00	21.5523	0.00
2201	41686100290			0.00	6.1014	0.00
2202	41686100310			0.00	0.0000 +	0.00
2203	41686100350			0.00	791.9979	0.00
2204	41686100370			0.00	0.0000 +	0.00

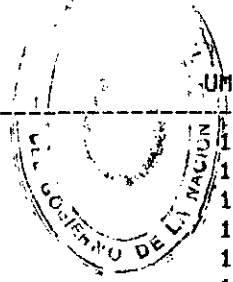
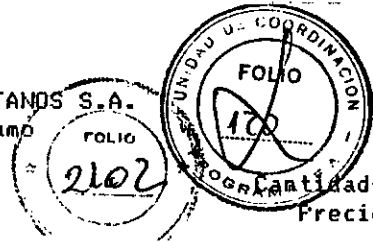
ANEXO

AD

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

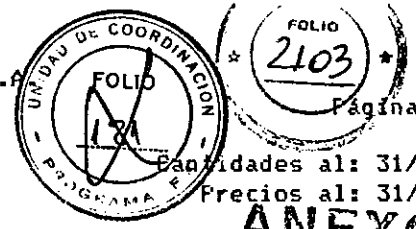
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2205	41686100610		1	0.00	79.3772	0.00
2206	41686100690		1	0.00	19.3948	0.00
2207	41686100730		1	0.00	2.2611	0.00
2208	41686101030		1	0.00	0.7532	0.00
2209	41686101150		1	0.00	2.1558	0.00
2210	41686101190	O RING	1	0.00	29.6359	0.00
2211	41686101210		1	0.00	2.2611	0.00
2212	41686101230		1	0.00	0.3598	0.00
2213	41686101410		1	0.00	436.0464	0.00
2214	41686101430	JUNTA	1	22.00	0.1391 #	3.06
2215	41686101450		1	0.00	0.0000 +	0.00
2216	41686101470		1	0.00	0.0000 +	0.00
2217	41686101490	JUNTA	1	31.00	0.1391 #	4.31
2218	41686101510	JUNTA	1	26.00	0.1391 #	3.62
2219	41686101530	JUNTA	1	23.00	0.1391 #	3.20
2220	41686101990		1	0.00	0.7532	0.00
2221	41686200010	VALVULA	1	0.00	509.2551	0.00
2222	41686200030		1	0.00	0.0000 +	0.00
2223	41686200050		1	0.00	0.0000 +	0.00
2224	41686200070		1	0.00	0.0000 +	0.00
2225	41686200090		1	0.00	0.0000 +	0.00
2226	41686200100	JUNTA	1	62.00	4.8842	302.82
2227	41686200110		1	0.00	0.0000 +	0.00
2228	41686200130		1	0.00	0.0000 +	0.00
2229	41686200150		1	0.00	0.0000 +	0.00
2230	41686200170		1	0.00	0.0000 +	0.00
2231	41686200190		1	0.00	0.0000 +	0.00
2232	41686200210	BELLOGRAN	1	30.00	19.6728	590.18
2233	41686200230	JUNTA	1	0.00	10.1703	0.00
2234	41686200250	BELLOFRAN	1	0.00	10.1703	0.00
2235	41686200270		1	0.00	0.0000 +	0.00
2236	41686200290	BELLOFRAN	1	149.00	2.0728	308.85
2237	41686300010	VALVULA	1	3.00	139.1913	417.57
2238	41686300030	JUNTA	1	45.00	4.2811	192.65
2239	41686300050	SELLADOR	1	0.00	0.8684	0.00
2240	41686300070	ARO DE PISTON	1	38.00	6.8236	259.30
2241	41686300100		1	0.00	0.0000 +	0.00
2242	41686300120	JUNTA	1	28.00	0.3470	9.72
2243	41686300200		1	0.00	0.0000 +	0.00
2244	41686400010		1	0.00	173.9879	0.00
2245	41686400030	VALVULA	1	0.00	2.8755	0.00
2246	41686400050	JUNTA	1	0.00	1.0161	0.00
2247	41686400070	JUNTA	1	0.00	0.5466	0.00
2248	41686400550		1	0.00	0.1391 #	0.00
2249	41686400580		1	0.00	0.1391 #	0.00
2250	41686400600		1	0.00	0.1391 #	0.00
2251	41686500010		1	0.00	0.1391 #	0.00
2252	41686500050		1	0.00	0.0000 +	0.00
2253	41686500070		1	0.00	0.0000 +	0.00
2254	41686500620		1	0.00	0.0000 +	0.00
2255	41686600010	VALVULA	1	0.00	0.1391 #	0.00
2256	41686700500		1	0.00	0.0000 +	0.00
2257	41686700520		1	0.00	0.0000 +	0.00
2258	41687000010		1	0.00	0.1431	0.00
2259	41687000020		1	0.00	0.2091	0.00
2260	41687000030	O RING	0	140.00	0.0000 +	0.00
2261	41687000040		1	0.00	0.2270	0.00
2262	41687000050		1	0.00	0.1663	0.00

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 40

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA

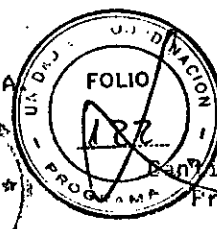
Cantidades al: 31/08/94

Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2263	41687000056		1	0.00	0.1663	0.00
2264	41687000070	O RING	1	0.00	0.5567	0.00
2265	41687000080		1	0.00	0.3392	0.00
2266	41687000090		1	0.00	0.1416	0.00
2267	41687000100	O RING	1	0.00	29.6359	0.00
2268	41687000110		1	0.00	0.0000 +	0.00
2269	41687000120		1	0.00	3.3387	0.00
2270	41687000510		1	0.00	0.1800	0.00
2271	41687000530	O RING	1	0.00	0.8862	0.00
2272	41687000540		1	0.00	0.2594	0.00
2273	41687000550	O RING	1	572.00	0.1856	106.16
2274	41687000560		1	0.00	0.1829	0.00
2275	41687000570	O RING	1	0.00	0.1391 #	0.00
2276	41687000580		1	0.00	0.1936	0.00
2277	41687000590		1	0.00	0.2071	0.00
2278	41687000600		1	0.00	0.2370	0.00
2279	41687000610		1	0.00	0.8552	0.00
2280	41687000640	O RING	1	0.00	0.1391 #	0.00
2281	41687000650	O RING	1	0.00	0.4189	0.00
2282	41687000670		1	0.00	0.1240	0.00
2283	41687000680	O RING	1	0.00	1.0944	0.00
2284	41687001000		1	0.00	0.5274	0.00
2285	41687001010		1	0.00	0.1391 #	0.00
2286	41687001030	O RING	1	0.00	0.3028	0.00
2287	41687001040		1	0.00	0.3524	0.00
2288	41687001060	O RING	1	0.00	0.3467	0.00
2289	41687001090	O RING	1	0.00	0.1391 #	0.00
2290	41687001120		1	0.00	0.3273	0.00
2291	41687001130	O RING	1	150.00	0.8191	122.87
2292	41687001140	O RING	1	0.00	0.3772	0.00
2293	41687001150	O RING	1	0.00	0.1391 #	0.00
2294	41687001160		1	0.00	0.1391 #	0.00
2295	41687001170		1	0.00	0.3684	0.00
2296	41687001190	O RING	1	0.00	1.3196	0.00
2297	41687001200		1	0.00	0.3901	0.00
2298	41687001270		1	0.00	0.4336	0.00
2299	41687001310		1	0.00	0.5206	0.00
2300	41687001350		1	0.00	0.2376	0.00
2301	41687001360		1	0.00	0.1391 #	0.00
2302	41687001500		1	0.00	0.6702	0.00
2303	41687001510		1	0.00	1.4040	0.00
2304	41687001530		1	0.00	1.8314	0.00
2305	41687001800	O RING	1	150.00	0.0000 +	0.00
2306	41687002000		1	0.00	0.0000 +	0.00
2307	41687002500		1	0.00	0.0000 +	0.00
2308	41688000140	JUNTA	1	0.00	0.1391 #	0.00
2309	41688005180	JUNTA	1	0.00	0.1391 #	0.00
2310	41690100010		1	0.00	8383.3250	0.00
2311	41690100050		1	0.00	0.0000 +	0.00
2312	41690100100		1	0.00	78.2940	0.00
2313	41690100110		1	0.00	523.2872	0.00
2314	41690100130		1	0.00	12.8337	0.00
2315	41690100150	TORNILLO	1	40.00	1.3385	53.54
2316	41690100200	BUJES FANTOGRAFO	1	0.00	4.3803	0.00
2317	41690100230	TAPON	1	79.00	5.3520	422.81
2318	41690100250	PERNO	1	0.00	1.8058	0.00
2319	41690100300		1	0.00	299.5589	0.00
2320	41690100350		1	0.00	194.6735	0.00

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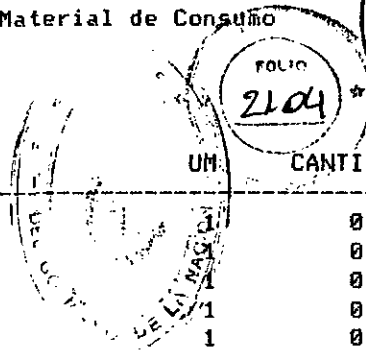


Emisión: 10/11/94

Página: 41

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

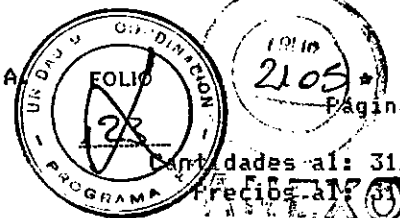
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2321	41690100420			0.00	4.3803	0.00
2322	41690100440			0.00	2.9865	0.00
2323	41690100450			0.00	2.2740	0.00
2324	41690100510			0.00	2.8096	0.00
2325	41690100520			0.00	0.7011	0.00
2326	41690100530			0.00	0.7011	0.00
2327	41690100540			0.00	0.5606	0.00
2328	41690100550			0.00	0.5606	0.00
2329	41690100570			0.00	3.1857	0.00
2330	41690100580			0.00	2.7473	0.00
2331	41690100590			0.00	3.2969	0.00
2332	41690100750			0.00	5.8627	0.00
2333	41690100820			0.00	1.8058	0.00
2334	41690100830			0.00	7.1582	0.00
2335	41690100920			0.00	0.4200	0.00
2336	41690100930			0.00	7.1582	0.00
2337	41690100940			0.00	0.2796	0.00
2338	41690101100			20.00	4.4821	89.64
2339	41690101300	ENSAMBLE CDABLE	1	0.00	26.7667	0.00
2340	41690101350	VALVULA	1	10.00	56.8806	568.81
2341	41690101450	MANGA DE AIRE	1	0.00	28.5731	0.00
2342	41690102170		1	0.00	0.1391 #	0.00
2343	41690102260		1	0.00	0.1391 #	0.00
2344	41690104050	TAPON DE GOMA	1	0.00	0.0000 +	0.00
2345	41690200010		1	0.00	2108.3999	0.00
2346	41690200500	CONJUNTO DE CONTACTO	1	2.00	2108.3999	4216.80
2347	41690300010		1	0.00	10955.0769	0.00
2348	41690300110		1	0.00	2575.3403	0.00
2349	41690300130		1	0.00	62.6292	0.00
2350	41690300150		1	0.00	62.6292	0.00
2351	41690300510		1	10.00	62.6292	626.29
2352	41690300530		1	10.00	62.6292	626.29
2353	41690300550		1	0.00	62.6292	0.00
2354	41690301010		1	0.00	294.5270	0.00
2355	41690301110		1	0.00	62.6292	0.00
2356	41690301410		1	0.00	62.6292	0.00
2357	41690301470	JUNTA	1	10.00	62.6292	626.29
2358	41690301610		1	0.00	62.6292	0.00
2359	41690301630	ARO DE JUNTA	1	20.00	0.1391 #	2.78
2360	41690301650		1	9.00	0.0000 +	0.00
2361	41690301670	O RING	1	9.00	0.1391 #	1.25
2362	41690301690		1	0.00	0.0000 +	0.00
2363	41690301710	O RING	1	9.00	0.1391 #	1.25
2364	41690301730		1	9.00	0.1391 #	1.25
2365	41690301750	O RING	1	9.00	0.1391 #	1.25
2366	41690400010		1	0.00	2934.5218	0.00
2367	41690400030	PIEZA MAGNETIZANTE	1	6.00	35.9154	215.49
2368	41690500010		1	0.00	4595.3872	0.00
2369	41690600010		1	0.00	736.3219	0.00
2370	41690700010		1	0.00	98897.4581	0.00
2371	41690700050	VENTILADOR	1	4.00	3591.8289	14367.32
2372	41690700070	TACO DE GOMA	1	30.00	6.1014	183.04
2373	41690700300		1	0.00	5028.5592	0.00
2374	41690700390	JUNTA	1	14.00	24.7427	346.40
2375	41690700400		1	0.00	5387.7407	0.00
2376	41690700500		1	0.00	628.5707	0.00
2377	41690700550		1	0.00	24.7427	0.00
2378	41690700600		1	0.00	120.3265	0.00

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 42

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Compras al: 31/08/94
Recibos al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2379	41690700670		1	2.00	24.7427	49.49
2380	41690700700		1	0.00	628.5707	0.00
2381	41690700750		1	0.00	24.7427	0.00
2382	41690700800		1	0.00	481.3031	0.00
2383	41690700950		1	0.00	299.9131	0.00
2384	41690700970		1	0.00	0.0000 +	0.00
2385	41690701050		1	0.00	24.7427	0.00
2386	41690701090		1	0.00	24.7427	0.00
2387	41690701200		1	0.00	3322.4371	0.00
2388	41690701230		1	0.00	24.7427	0.00
2389	41690701350		1	0.00	24.7427	0.00
2390	41690701370		1	0.00	24.7427	0.00
2391	41690701430	INDICADOR DE NIVEL	1	2.00	24.7427	49.49
2392	41690701450	JUNTA	1	2.00	0.1391 #	0.28
2393	41690701470	JUNTA	1	2.00	0.1391 #	0.28
2394	41690701490		1	2.00	0.1391 #	0.28
2395	41690701510	ARO JUNTA	1	2.00	0.1391 #	0.28
2396	41690701530	JUNTA	1	4.00	0.1391 #	0.56
2397	41690701550	JUNTA	1	2.00	0.1391 #	0.28
2398	41690701570	JUNTA	1	2.00	0.1391 #	0.28
2399	41690701590	JUNTA	1	2.00	0.1391 #	0.28
2400	41690800150	PORTA ESCOBILLA	1	4.00	6.8253	27.30
2401	41690800250		1	0.00	5.7469	0.00
2402	41690800300		1	0.00	2.2611	0.00
2403	41690800500		1	0.00	0.0000 +	0.00
2404	64110008400	TRANSFORMADOR	1	1.00	0.0000 +	0.00
2405	64110008600	TRANSFORMADOR	1	4.00	0.0000 +	0.00
2406	64110008700	TRANSFORMADOR	1	5.00	0.0000 +	0.00
2407	64110008800	TRANSFORMADOR	1	4.00	0.0000 +	0.00
2408	64110020000	TRANSFORMADOR	1	1.00	0.0000 +	0.00
2409	64110020200	TRANSFORMADOR	1	1.00	0.0000 +	0.00
2410	64110020400	TRANSFORMADOR	1	0.00	0.0000 +	0.00
2411	64110021500	TRANSFORMADOR	1	3.00	0.0000 +	0.00
2412	64110021700	TRANSFORMADOR	1	1.00	0.0000 +	0.00
2413	65010200030	CARTEL INDICADOR	1	80.00	7.5419	603.35
2414	65010200070	CARTEL INDICADOR	1	0.00	395.3082	0.00
2415	65010200090	CARTEL INDICADOR	1	37.00	165.9682	6140.82
2416	65010200110	CARTEL INDICADOR	1	18.00	48.2802	869.04
2417	65010200170	ACC. DE FIJACION	1	168.00	48.2802	8111.07
2418	65010200290	CARTEL INDICADOR	1	14.00	6.7886	95.04
2419	65010300110	GOZNE	1	55.00	48.2802	2655.41
2420	65010300130	GOZNE	1	52.00	48.2802	2510.57
2421	65010300150	HERRAJE	1	4.00	39.2269	156.91
2422	65010400050	ABRAZADERA	1	19.00	22.6306	429.98
2423	65010400090	ABRAZADERA	1	7.00	33.1931	232.35
2424	65010400110	ABRAZADERA	1	0.00	14.3322	0.00
2425	65010400130	ABRAZADERA	1	50.00	19.6128	980.64
2426	65010400150	ABRAZADERA	1	4.00	55.0702	220.28
2427	65010400170	ABRAZADERA	1	4.00	232.5508	930.20
2428	65010400190	ABRAZADERA	1	27.00	57.3330	1547.99
2429	65010400210	ABRAZADERA	1	4.00	268.3282	1073.31
2430	65010400270	ABRAZADERA	1	63.00	11.3146	712.82
2431	65010400290	ABRAZADERA	1	54.00	73.9309	3992.27
2432	65010400310	ABRAZADERA	1	0.00	73.9309	0.00
2433	65010400330	ABRAZADERA	1	5.00	84.4918	422.46
2434	65010400350	ABRAZADERA P/BALANCEADOR 3TN	1	0.00	24.1402	0.00
2435	65010400360	ABRAZADERA	1	7.00	0.0000 +	0.00
2436	65010400430	ABRAZADERA	1	408.00	4.5243	1845.91

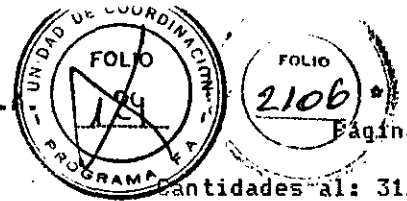
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.
Material de Consumo



Página: 43

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94

Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2437	65010400440	ABRAZADERA	1	11.00	13.5778	149.36
2438	65010500150	FLANCHUELA	1	8.00	12.0692	96.55
2439	65010500170	FLANCHUELA	1	8.00	19.9908	159.93
2440	65010600130	BARRA DE RETENCION	1	50.00	13.5778	678.89
2441	65010600150	BARRA DE RETENCION	1	8.00	11.3146	90.52
2442	65010600170	BARRA DE RETENCION	1	6.00	18.8593	113.16
2443	65010600190	BARRA DE RETENCION	1	92.00	13.5778	1249.14
2444	65010600260	BARRA DE RETENCION	1	2.00	24.1402	48.28
2445	65010700070	HORQUILLA	1	117.00	16.5946	1941.57
2446	65010700090	HORQUILLA	1	519.00	11.3146	5872.28
2447	65010700150	HORQUILLA	1	24.00	14.3322	343.97
2448	65010700170	HORQUILLA	1	134.00	15.0867	2021.62
2449	65010700180	PROLONGACION	1	26.00	11.3146	294.18
2450	65010700190	PROLONGACION	1	29.00	18.9236	548.78
2451	65010700200	PROLONGACION	1	10.00	2.5387	25.39
2452	65010800050	HERRAJE	1	115.00	36.2105	4164.21
2453	65010800070	HERRAJE	1	12.00	13.5778	162.93
2454	65010800090	HERRAJE	1	20.00	13.5778	271.56
2455	65010800110	HERRAJE	1	178.00	13.5778	2416.85
2456	65010800150	HERRAJE	1	12.00	12.0692	144.83
2457	65010800170	HERRAJE	1	6.00	66.3864	398.32
2458	65010800230	HERRAJE	1	31.00	15.0867	467.69
2459	65010800250	HERRAJE	1	12.00	75.4389	905.27
2460	65010800270	MORZA	1	129.00	60.3507	7785.24
2461	65010800290	GRAMPA	1	181.00	15.0867	2730.69
2462	65010800310	HERRAJE	1	61.00	11.3146	690.19
2463	65010800330	HERRAJE L.S.P/VIGA BAJO TENS.	1	0.00	0.0000 +	0.00
2464	65010800350	JUNTA	1	5.00	3.7708	18.85
2465	65010800370	ORBITA	1	55.00	49.7896	2738.43
2466	65010800390	ORBITA	1	536.00	43.7544	23452.36
2467	65010800410	BULON	1	1.00	9.0516	9.05
2468	65010800430	HERRAJE	1	472.00	7.5419	3559.78
2469	65010800440	TIPO POLEA	1	56.00	18.8593	1056.12
2470	65010800450	PLANCHA	1	148.00	3.7708	558.08
2471	65010800460	EMPALME	1	40.00	0.3753	15.01
2472	65010800470	BULON	1	103.00	10.5596	1087.64
2473	65010800480	HORQUILLA	1	554.00	9.0516	5014.59
2474	65010800490	MORZA	1	95.00	37.7187	3583.28
2475	65010800500	MORZA	1	40.00	49.0346	1961.38
2476	65010800560	ANILLO OJAL	1	10.00	28.3863	283.86
2477	65010800600	GRILLETE	1	13.00	0.1391 #	1.81
2478	65010800620	GRILLETE	1	10.00	0.1391 #	1.39
2479	65010800640	OJAL BADAJO	1	45.00	0.4200	18.90
2480	65010800660	PLACA	1	44.00	16.5580	728.55
2481	65010800680	JUNTA HORQUILLA	1	59.00	0.1391 #	8.21
2482	65010800700	ESLABON TIPO	1	5.00	0.6205	3.10
2483	65010900050	EMPALME	1	1430.00	3.0161	4313.02
2484	65010900070	EMPALME	1	161.00	2.2611	364.04
2485	65010900090	EMPALME	1	685.00	2.2611	1548.85
2486	65010900110	EMPALME RIENDA 90 MM2-1 LINEA	1	0.00	0.0000 +	0.00
2487	65011000050	ACCESORIO P/EMPALME	1	19.00	13.5778	257.98
2488	65011000070	ACCESORIO P/EMPALME	1	31.00	24.1402	748.35
2489	65011000110	ACCESORIO P/EMPALME	1	14.00	7.5419	105.59
2490	65011000150	ACCESORIO P/EMPALME	1	1.00	18.8593	18.86
2491	65011000170	MORZA DOBLE	1	20.00	25.6477	512.95
2492	65011000190	MORDAZA DOBLE	1	153.00	25.6477	3924.10
2493	65011000210	MANGUITO	1	8.00	33.9465	271.57
2494	65011000290	MANGUITO	1	133.00	27.1579	3612.00

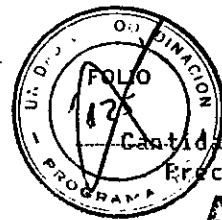
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



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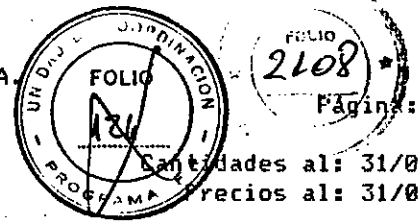
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2495	65011000310	MANGUITO	1	4.00	27.1579	108.63
2496	65011000330	MANGUITO	1	11.00	16.5946	182.54
2497	65011000350	MANGUITO	1	229.00	13.5778	3109.32
2498	65011000700	CONJ.PREFORMADO P/EMP. 50 MM2	1	0.00	6.8947	0.00
2499	65011000720		1	0.00	8.7734	0.00
2500	65011000760	CONJ.PREFORMADO P/EMP. 240 MM2	1	0.00	29.3197	0.00
2501	65011000910		1	0.00	3.4700	0.00
2502	65011000930		1	0.00	4.4071	0.00
2503	65011000950		1	0.00	11.2242	0.00
2504	65011000970		1	0.00	15.1374	0.00
2505	65011001150	ACCESORIO P/EMPALME	1	10.00	0.0000 +	0.00
2506	65011100050	MORZA	1	69.00	99.5807	6871.07
2507	65011100070	MORZA	1	92.00	67.8953	6246.37
2508	65011100090	MORZA	1	17.00	99.5807	1692.87
2509	65011100110	MORZA	1	17.00	52.8072	897.72
2510	65011200050	YUGO TRIANGULAR	1	2.00	16.5946	33.19
2511	65011200090	YUGO	1	6.00	81.4745	488.85
2512	65011200110	YUGO	1	2.00	63.3681	126.74
2513	65011200130	YUGO	1	2.00	55.0702	110.14
2514	65011200170	RIFLACA	1	10.00	1.4262	14.26
2515	65011300030	TERMINALES	1	52.00	25.6477	1333.68
2516	65011300050	TERMINALES	1	12.00	10.5596	126.72
2517	65011300070	TERMINALES	1	6.00	22.6306	135.78
2518	65011300090	TERMINALES	1	10.00	34.7010	347.01
2519	65011300110	TERMINALES	1	14.00	39.2269	549.18
2520	65011300130	TERMINALES	1	7.00	18.8593	132.02
2521	65011300150	TERMINALES	1	43.00	15.0867	648.73
2522	65011300170	TERMINALES	1	533.00	3.7708	2009.84
2523	65011300190	TERMINALES	1	477.00	3.7708	1798.67
2524	65011300210	MORCETO	1	22.00	3.7708	82.96
2525	65011400010	HERRAJES	1	51.00	72.4213	3693.49
2526	65011400040	HERRAJES	1	12.00	15.0867	181.04
2527	65011500010	BULON	1	119.00	27.1579	3231.79
2528	65011500020	BULON	1	59.00	18.1044	1068.16
2529	65011500050	BULON	1	1231.00	0.3753	461.99
2530	65011500060	BULON	1	213.00	0.7532	160.43
2531	65011500070	BULON	1	183.00	0.3753	68.68
2532	65011500080	ARANDELA	1	1390.00	0.1391 #	193.35
2533	65011500090	BULON	1	487.00	1.1299	550.26
2534	65011500100	ARANDELA	1	470.00	0.1391 #	65.38
2535	65011500110	CONTRATUERCA	1	748.00	0.1489	111.38
2536	65011500120	BULON	1	22.00	1.5068	33.15
2537	65011500130	BULON	1	94.00	1.8847	177.16
2538	65011500140	BULON	1	121.00	2.2611	273.59
2539	65011500150	TUERCA	1	1080.00	0.2249	242.89
2540	65011500160	CONTRATUERCA	1	44.00	0.2249	9.90
2541	65011500170	BULON	1	65.00	2.2611	146.97
2542	65011500180	BULON	1	63.00	2.6392	166.27
2543	65011500190	BULON	1	87.00	3.0161	262.40
2544	65011500200	BULON	1	20.00	3.7708	75.42
2545	65011500220	TUERCA	1	1612.00	0.3753	604.98
2546	65011500230	ARANDELA	1	1071.00	0.2178	233.26
2547	65011500240	CONTRATUERCA	1	1334.00	0.3454	460.76
2548	65011500250	ARANDELA	1	23.00	1.1299	25.99
2549	65011500260	ARANDELA	1	1929.00	0.3753	723.95
2550	65011500270	BULON	1	48.00	1.1299	54.24
2551	65011500280	BULON	1	206.00	1.1299	232.76
2552	65011500290	BULON	1	69.00	0.7532	51.97

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FERROCARRILES METROPOLITANOS S.A.
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Línea : 21 ROCA

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#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2553	65011500300	BULON	1	5.00	1.8847	9.42
2554	65011500310	BULON	1	30.00	3.7708	113.12
2555	65011500320	BULON	1	86.00	3.7708	324.29
2556	65011500330	BULON	1	169.00	0.7532	127.29
2557	65011500340	BULON	1	264.00	0.2249	59.37
2558	65011500350	ARANDELA	1	177.00	0.1391 #	24.62
2559	65011500360	ARANDELA	1	449.00	0.1391 #	62.46
2560	65011500390	ARANDELA	1	339.00	0.1391 #	47.15
2561	65011500400	PASADOR	1	200.00	0.1391 #	27.82
2562	65011500420	PASADOR	1	84.00	0.1391 #	11.68
2563	65011500430	BULON	1	133.00	0.7532	100.18
2564	65011500440	ARANDELA	1	118.00	0.2249	26.54
2565	65011500450	TUERCA	1	391.00	0.2249	87.94
2566	65011600010	TENSORES	1	10.00	128.2480	1282.48
2567	65011600020	TENSORES	1	18.00	113.1596	2036.87
2568	65011600030		0	0.00	0.0000 +	0.00
2569	65011800010	POLEA	1	10.00	1508.8125	15088.13
2570	65011800030	POLEA	1	4.00	754.4053	3017.62
2571	65011800070	ARANDELA	1	218.00	0.5274	114.97
2572	65011800090	BARRA	1	9.00	11.3146	101.83
2573	65011800110	BARRA	1	4.00	7.5419	30.17
2574	65011800140	HERRAJE	1	4.00	52.8072	211.23
2575	65011800150	ESCALA INDIC.	1	7.00	72.4213	506.95
2576	65011800170	CONTRAPESO	1	36.00	15.0867	543.12
2577	65011800180	CONTRAPESO	1	41.00	30.1752	1237.18
2578	65011800190	JUEGO DE CONTRAPESO	1	11.00	150.8794	1659.67
2579	65011800200	JUEGO DE CONTRAPESO	1	4.00	120.7028	482.81
2580	65011800210	JUEGO DE CONTRAPESO	1	1.00	52.8072	52.81
2581	65011800220	BALANCEADOR	1	10.00	754.4053	7544.05
2582	65011900030	AISLADOR DE VIGA	1	0.00	0.6311	0.00
2583	65030100030	TUBO	1	8.00	30.1752	241.40
2584	65030100050	TUBO	1	3.00	30.1752	90.53
2585	65030100060	TUBO	1	4.00	30.1752	120.70
2586	65030100070	TUBO	1	16.00	30.1752	482.80
2587	65030100080	TUBO	1	15.00	30.1752	452.63
2588	65030100130	TUBO	1	7.00	30.1752	211.23
2589	65030100150	TUBO	1	16.00	22.6306	362.09
2590	65030100160	TUBO	1	8.00	22.6306	181.04
2591	65030100170	TUBO	1	3.00	22.6306	67.89
2592	65030100180	TUBO	1	3.00	22.6306	67.89
2593	65030100190	TUBO	1	0.00	22.6306	0.00
2594	65030100200	TUBO	1	15.00	22.6306	339.46
2595	65030100210	TUBO	1	5.00	22.6306	113.15
2596	65030100220	TUBO	1	1.00	22.6306	22.63
2597	65030100260	TUBO	1	7.00	22.6306	158.41
2598	65030100270	HERRAJE	1	126.00	75.4389	9505.30
2599	65030100280	HERRAJE	1	3.00	75.4389	226.32
2600	65030100290	HERRAJE	1	26.00	75.4389	1961.41
2601	65030100310	MENSULA	1	3.00	36.2105	108.63
2602	65030100360	ACCESORIO	1	22.00	36.2105	796.63
2603	65030100390	TUBO	1	15.00	16.5946	248.92
2604	65030100400	TUBO	1	15.00	16.5946	248.92
2605	65030100410	TUBO	1	1.00	16.5946	16.59
2606	65030100430	TUBO	1	12.00	16.5946	199.14
2607	65030100450	TUBO	1	24.00	16.5946	398.27
2608	65030100460	TUBO	1	4.00	16.5946	66.38
2609	65030100480	TUBO	1	3.00	16.5946	49.78
2610	65030100490	TUBO	1	26.00	16.5946	431.46

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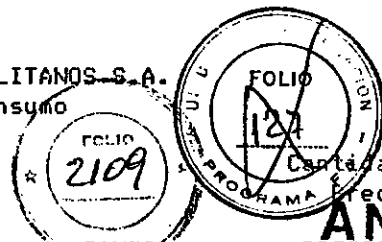
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FERROCARRILES METROPOLITANOS S.A.
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Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA



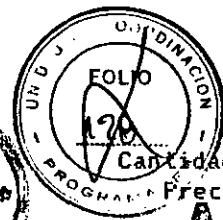
Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2611	65030100510	TUBO	1	1.00	16.5946	16.59
2612	65030100520	TUBO	1	1.00	16.5946	16.59
2613	65030100530	TUBO	1	8.00	16.5946	132.76
2614	65030100540	ACCESORIOS	1	133.00	17.4931	2326.58
2615	65030100550	VARILLA	1	53.00	9.0516	479.73
2616	65030100560	VARILLA	1	11.00	9.0516	99.57
2617	65030100570	VARILLA	1	37.00	9.0516	334.91
2618	65030100580	BARRA	1	65.00	22.6306	1470.99
2619	65030100590	BARRA	1	42.00	22.6306	950.49
2620	65030100600	BARRA	1	19.00	22.6306	429.98
2621	65030100610	BULON	1	515.00	4.5243	2330.01
2622	65030100620	ACCESORIO	1	159.00	6.0339	959.39
2623	65030100630	BRAZO	1	91.00	48.2802	4393.50
2624	65030100640	BRAZO	1	53.00	48.2802	2558.85
2625	65030100680	ACCESORIO	1	69.00	35.9914	2483.41
2626	65030100720	TUBO	1	23.00	30.1752	694.03
2627	65030100730	TUBO	1	5.00	30.1752	150.88
2628	65030100740	TUBO	1	1.00	30.1752	30.18
2629	65030100750	TUBO	1	1.00	30.1752	30.18
2630	65030100770	TUBO	1	1.00	30.1752	30.18
2631	65030100780	TUBO	1	8.00	30.1752	241.40
2632	65030100790	TUBO	1	3.00	30.1752	90.53
2633	65030100800	TUBO	1	4.00	30.1752	120.70
2634	65030100840	TUBO	1	10.00	30.1752	301.75
2635	65030100850	TUBO	1	24.00	22.6306	543.13
2636	65030100860	TUBO	1	6.00	22.6306	135.78
2637	65030100890	TUBO	1	2.00	22.6306	45.26
2638	65030100900	TUBO	1	1.00	22.6306	22.63
2639	65030100910	TUBO	1	9.00	22.6306	203.68
2640	65030100920	TUBO	1	3.00	22.6306	67.89
2641	65030100930	TUBO	1	2.00	22.6306	45.26
2642	65030101090	HERRAJE	1	32.00	30.1752	965.61
2643	65030101100	PROTECCION	1	13.00	3.0161	39.21
2644	65030101120		1	0.00	3.0161	0.00
2645	65030200010	GRAMPA P/PENDOLA	1	0.00	14.2422	0.00
2646	65030200020	GRAMPA PARA PENDOLA	1	0.00	10.6511	0.00
2647	65030200040	GRAMPA PARA PENDOLA	1	0.00	50.0229	0.00
2648	65030300040	PENDOLAS	1	966.00	3.0161	2913.55
2649	65030300060	PENDOLAS	1	22.00	4.5243	99.53
2650	65030400010	MORDAZA	1	6.00	150.8794	905.28
2651	65030400020	MORDAZA	1	10.00	150.8794	1508.79
2652	65030400060	MORDAZA	1	13.00	132.7737	1726.06
2653	65030400080	MORDAZA	1	23.00	111.6513	2567.98
2654	65030400100	MORDAZA	1	6.00	132.7737	796.64
2655	65030400140	MORDAZA	1	6.00	132.7737	796.64
2656	65030400150	MORDAZA	1	104.00	26.4028	2745.89
2657	65030500050	CONECTOR	1	17.00	75.4389	1282.46
2658	65030500070	CONECTOR	1	20.00	82.9827	1659.65
2659	65030500080	CORRECTOR	1	1.00	90.5275	90.53
2660	65030500130	CORRECTOR	1	10.00	108.6336	1086.34
2661	65030500140	CORRECTOR	1	28.00	84.4918	2365.77
2662	65030500150	CORRECTOR	1	16.00	81.4745	1303.59
2663	65030500160	CORRECTOR	1	212.00	105.6160	22390.59
2664	65030500170	CORRECTOR	1	27.00	105.6160	2851.63
2665	65030500180	CORRECTOR	1	9.00	102.5980	923.38
2666	65030500220	CORRECTOR	1	2.00	84.4918	168.98
2667	65030700020	SECCIONADOR T/AISLADOR (CONJ.)	1	0.00	834.0244	0.00
2668	65030700030	DETALLE	1	2.00	3062.8909	6125.78

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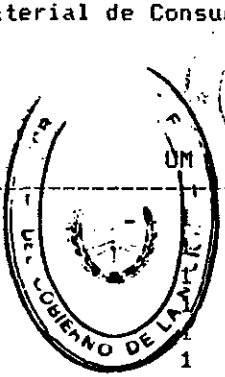
Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2669	65030700040	DETALLE		69.00	482.8199	33314.57
2670	65030700050	HERRAJE		15.00	0.0000 +	0.00
2671	65030700110	HERRAJE		3.00	0.0000 +	0.00
2672	65030800010	FUENTE		15.00	72.4213	1086.32
2673	65030800020	PUENTE		14.00	72.4213	1013.90
2674	65030900010	BRAZO		204.00	81.4745	16620.80
2675	65030900020	BRAZO		0.00	81.4745	0.00
2676	65030900060	BRAZO		7.00	84.4918	591.44
2677	65030900070	BRAZO TENSOR		5.00	83.2328	416.16
2678	65030900080	BRAZO TENSOR		19.00	84.4918	1605.34
2679	65030900090	BRAZO TENSOR		11.00	82.2294	904.52
2680	65031000010	CANO		1.00	22.6306	22.63
2681	65031000020	VIGA		11.00	67.8953	746.85
2682	65031000030	VIGA		39.00	26.8627	1047.65
2683	65031000040	HERRAJE		30.00	22.6306	678.92
2684	65031000050	HERRAJE		52.00	22.6306	1176.79
2685	65031100030	PROTECCION		785.00	1.9607	1539.15
2686	65031100040	PROTECCION		1700.00	2.4131	4102.27
2687	65031200010	ALAMBRE		3	8505.00	59620.05
2688	65031200020	ALAMBRE		1	10000.00	65200.00
2689	65031200030	CABLE		1	2510.00	1.5068
2690	65031200040	CABLE		3	4903.00	1.5068
2691	65050200010	DESCARGADOR		1	14.00	413.4141
2692	65050400010	JABALINA		1	250.00	19.8905
2693	65060100010	GRAMPA		1	0.00	3077.9792
2694	65060100030	JUEGO		1	3.00	15.0867
2695	65060200010	BOMBA		1	15.00	3017.6269
2696	65060200020	JUEGO		1	11.00	301.7612
2697	65060200030	CILINDRO		1	9.00	1720.0466
2698	65060200040	COMPRESOR		1	17.00	905.2869
2699	65060200110	MORDAZA		1	6.00	132.7737
2700	65060200120	MORDAZA		1	1.00	132.7737
2701	65060200130	MORDAZA		1	3.00	132.7737
2702	65060200140	MORDAZA		1	1.00	132.7737
2703	65060200150	MORDAZA		1	17.00	132.7737
2704	65060200160	MORDAZA		1	3.00	132.7737
2705	65060200170	MORDAZA		1	2.00	132.7737
2706	65060300030	ENDEREZADOR		1	15.00	24.1402
2707	65060300040	ENDEREZADOR		1	33.00	24.1402
2708	65060300060	LLAVE		1	20.00	21.1218
2709	65060400010	ESCALERA		1	185.00	800.2514
2710	65060400020	ESCALERA		1	20.00	669.9119
2711	65060400050	ANDAMIO		1	27.00	2351.5915
2712	65060400060	MARCO		1	23.00	15.0867
2713	65060400070	PLATAFORMA		1	31.00	37.7187
2714	65060400080	BRAZOS		1	47.00	15.0867
2715	65060400090	BRAZOS		1	156.00	2.2611
2716	65060400100	CONECTOR		1	30.00	3.0161
2717	65060400110	MARCO		1	1.00	18.8593
2718	65060400120	PATA		1	7.00	11.3146
2719	65060400130	PLATAFORMA		1	10.00	184.0744
2720	65060500000	POLEA		1	239.00	0.0000 +
2721	65060500010	POLEA		1	0.00	64.1231
2722	65060500020	POLEA		1	173.00	339.4816
2723	65060500030	POLEA		1	260.00	18.1044
2724	65060500040	TENSOR		1	7.00	116.1773
2725	65060500060	TENSOR		1	14.00	368.1491
2726	65060500070	TENSOR		1	1.00	905.2869



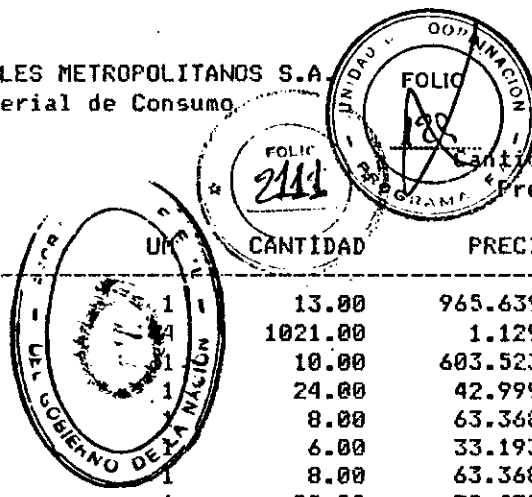
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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	MONTE
2727	65060500110	MALACATE	1	13.00	965.6395	12553.31
2728	65060500120	PASTA	1	1021.00	1.1299	1153.63
2729	65060500150	CORTACABLE	1	10.00	603.5236	6035.24
2730	65060500170	POLEA	1	24.00	42.9994	1031.99
2731	65060500180	POLEA	1	8.00	63.3681	506.94
2732	65060500190	POLEA	1	6.00	33.1931	199.16
2733	65060500210	POLEA	1	8.00	63.3681	506.94
2734	65060500220	POLEA	1	20.00	32.4383	648.77
2735	65060500230	POLEA	1	2.00	43.7544	87.51
2736	65060500240	POLEA	1	8.00	75.4389	603.51
2737	65060600030	TELESCOPIO	1	4.00	233.8642	935.46
2738	65060600040	PUESTA A TIERRA	1	2.00	651.8057	1303.61
2739	65060600080	BOTAS	1	11.00	22.6306	248.94
2740	65060600090	CINTA	1	6.00	57.3330	344.00
2741	65060600100	MEDIDOR	1	8.00	1955.4219	15643.38
2742	65060700010	FIJADOR	1	2276.00	10.5596	24033.65
2743	65060700020	BOLSO	1	52.00	6.0339	313.76
2744	65060700030	PORTALLAVE	1	130.00	6.0339	784.41
2745	65060700040	PINTURA	5	8.00	28.6654	229.32
2746	65060700050	HERRAMIENTA	1	4.00	126.7381	506.95
2747	65060700060	PUNZON	1	1.00	852.9842	852.98
2748	65060700070	DADO	1	11.00	27.1579	298.74
2749	65060700080	DADO	1	0.00	30.1752	0.00
2750	65060700140	LAMPARA	1	92.00	0.1391 #	12.80
2751	65220101990		1	0.00	35.7649	0.00
2752	65220104110		1	0.00	4.6216	0.00
2753	65220107000	SACCIONADOS	1	6.00	0.0000 +	0.00
2754	65220200010	INTERRUPTOR	1	1.00	13.5224	13.52
2755	65220200400	BOTELLON	1	6.00	1.7115	10.27
2756	65220203400		1	0.00	111.7655	0.00
2757	65220300010	RELEVADOR	1	9.00	0.1391 #	1.25
2758	65220300200	RELEVADOR	1	1.00	0.1391 #	0.14
2759	65220300300	RELE DE SUBTENSION	1	5.00	0.1391 #	0.70
2760	65220300400	RELEVADOR	1	2.00	0.1391 #	0.28
2761	65220302000	TRANSFORMADOR	1	1.00	0.0000 +	0.00
2762	65220302500	TRANSFORMADOR	1	1.00	0.0000 +	0.00
2763	65220303000	TRANSFORMADOR	1	1.00	0.0000 +	0.00
2764	65220303010	BASE PORTAFUSIBLE TIPO KEARNEY	1	5.00	0.0000 +	0.00
2765	65220303500	TRANSFORMADOR	1	1.00	0.0000 +	0.00
2766	65220304000	TRANSFORMADOR	1	8.00	0.0000 +	0.00
2767	65220305500	DESCARGADOR	1	4.00	1478.5410	5914.16
2768	65220308000	DESCARGADOR	1	13.00	88.7436	1153.67
2769	65230303000	SECCIONADOR FUSIBLE A EXPULS.	1	0.00	677.5969	0.00
2770	65230303010	BASE PORTAFUSIBLE	1	5.00	1.5448	7.72
2771	65230303050		1	0.00	99.2731	0.00
2772	65230303100	FUSIBLE MODELO POSITROL 1 AMP	1	0.00	6.6934	0.00
2773	65230400110	INDIC.NIVEL ACEITE INT.PEQ.	1	0.00	19.3166	0.00
2774	65230400160	TAPA PARA DESCARGA DE ACEITE	1	0.00	9.0498	0.00
2775	65230400250		1	0.00	17.8952	0.00
2776	65270100500	FICHAS	1	26.00	0.1391 #	3.62
2777	65270100600	FICHAS	1	22.00	0.1391 #	3.06
2778	65270200200	EQUIPO	1	1.00	0.1391 #	0.14
2779	69010400260	AISLADOR SUSP.DIAM.254 HORQUI.	1	0.00	3.6885	0.00
2780	69010400270	AISLADOR SUSP.DIAM.170 ROTULA	1	0.00	3.7034	0.00
2781	69010400280	AISLADOR SUSP.DIAM.190 HORQUI.	1	0.00	3.8936	0.00
2782	69010400680	AISLADOR	1	43.00	0.9402	40.43
2783	69010400760		1	0.00	1.1228	0.00
2784	69010400780	AISLADOR SUSP.DIAM.254 ROTULA	1	0.00	0.1391 #	0.00



ANEXO

AD

Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo



Página: 49

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA



Quantidades al: 31/08/94
Arrecios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
2785	69020261650	CONECTOR P/BOTELLA TERM. 240 MM2	0.00	14.3161	0.00	
2786	69020261670		0.00	14.3161	0.00	
2787	69020261690		0.00	18.3554	0.00	
2788	69020261710	CONECTOR P/BOT. TERM. 240 MM2	1	0.00	18.3554	0.00
2789	69020327120		1	0.00	432.1340	0.00
2790	70065010300	DURMIENTE R.C. 2,70 M	1	0.00	24.7145	0.00
2791	70870300100		1	0.00	0.0000 +	0.00
2792	70870300200		1	0.00	0.0000 +	0.00
2793	70870300300		1	0.00	0.0000 +	0.00
2794	72700050500		1	0.00	195.5130	0.00
2795	72700050800		1	0.00	138.3630	0.00
2796	72700051000	SOPORTE CRISOL TRIPODE	1	0.00	97.2551	0.00
2797	72700051300		1	0.00	42.1104	0.00
2798	72700051500		1	0.00	42.1104	0.00
2799	72700051800		1	0.00	42.1104	0.00
2800	72700052500		1	0.00	58.1525	0.00
2801	72700052800	CAJA SCORIA	1	0.00	45.1183	0.00
2802	72700101500		1	0.00	19.0499	0.00
2803	72700102000		1	0.00	9.0237	0.00
2804	72700102300		1	0.00	11.1965	0.00
2805	72700102500		1	0.00	2.0052	0.00
2806	72700102800		1	0.00	20.0526	0.00
2807	72700120500		1	0.00	180.4734	0.00
2808	72700121000		1	0.00	200.5261	0.00
2809	72700121500		1	0.00	2.0052	0.00
2810	72700150500		1	0.00	5.0131	0.00
2811	72700182000		1	0.00	6.0158	0.00
2812	72700203000	PORC.P/SOLDADURA DE 100LBS.	1	0.00	33.2171	0.00
2813	72700203500	PORCIONES PARA SOLDADURA	1	18.00	40.1052	721.89
2814	72700204000	COMPLEMENTO DE PORCIONES	1	25.00	3.5092	87.73
2815	72700204600	PORC.T/HERMIT.TIPO	1	1.00	43.1131	43.11
2816	72700250500	MOLDE REFRACTARIO	1	50.00	4.2110	210.55
2817	72700252000	MOLDE REFRACTARIO	1	26.00	4.3590	113.33
2818	72700252800		1	0.00	4.2110	0.00
2819	72700253000	PASADO A CUENTA 72700253600	1	25.00	4.2287	105.72
2820	72700300500	ARENA REFRACTARIA	4	500.00	0.2778	138.90
2821	72700301500	FOSFORO DE ENCENDIDO	1	0.00	0.4010	0.00
2822	72700302000	BUSETA P/CRISOL	1	0.00	0.7411	0.00
2823	72700303000	TAZA REFRACT.P/SOLDAR	1	122.00	0.7620	92.96
2824	74100020010	CABLE DE ACERO CINCO	4	0.00	0.8691	0.00
2825	74320271010		1	0.00	186.2759	0.00
2826	74320320010	CLEPE U 36	1	0.00	199.3656	0.00
2827	74515110090	LENTE PLAST.P/ANTEOJO SENAL	1	0.00	8.2464	0.00
2828	74515110100	LENTE PLASTICO ROJO	1	0.00	16.0420	0.00
2829	74515110110	LENTE PLASTICO VERDE	1	0.00	16.0420	0.00
2830	75105020050	ACUMULADOR 2 VS	1	0.00	45.1007	0.00
2831	76012010010	BOTON	1	6.00	0.1391 #	0.83
2832	76012020010	BOTON	1	38.00	0.1391 #	5.29
2833	76012030010	BOTON	1	7.00	0.1391 #	0.97
2834	76012040010	BOTON	1	38.00	0.1391 #	5.29
2835	76012110010	CAPUCHONES	1	583.00	0.1391 #	81.10
2836	76012150010	CAJA	1	1595.00	0.1391 #	221.86
2837	76012160010	CAJA	1	440.00	0.1391 #	61.20
2838	76012170010	CAJA	1	200.00	0.1391 #	27.82
2839	76012180010	CHAPA	1	7000.00	0.1391 #	973.70
2840	76012200010	LLAVE	1	86.00	0.1391 #	11.96
2841	76012210010	LLAVE	1	3.00	0.1391 #	0.42
2842	76012220010	LLAVE	1	30.00	0.1391 #	4.17

ANEXO

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Emisión: 10/11/94

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA

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FOLIO

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UNIDAD DE CUENTAS

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ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTO
2843	76012230010	LLAVE		20.00	0.1391 #	2.78
2844	76012240010	LLAVE		7.00	0.1391 #	0.97
2845	76012300010	MOSAICO		4759.00	0.1391 #	661.98
2846	76012350010	PLACA	1	393.00	0.1391 #	54.67
2847	76012360010	PLACA	1	240.00	0.1391 #	33.38
2848	76012370010	SWICHT	1	87.00	0.1391 #	12.10
2849	76012380010	SWICHT	1	7.00	0.1391 #	0.97
2850	76012400010	TAPA	1	7.00	0.1391 #	0.97
2851	76012450010	VOLTIMETRO	1	1.00	0.1391 #	0.14
2852	76012460010	VOLTIMETRO	1	2.00	0.1391 #	0.28
2853	76012470010	ZOCALO	1	101.00	0.1391 #	14.05
2854	76012600010	ZUMBADOR	1	1.00	0.1391 #	0.14
2855	76012610010	ZUMBADOR	1	1.00	0.1391 #	0.14
2856	76012620010	ZUMBADOR	1	1.00	0.1391 #	0.14
2857	76012630010	ZUMBADOR	1	1.00	0.1391 #	0.14
2858	76012640010	TIMBRE	1	1.00	0.1391 #	0.14
2859	76012650010	ZOCALO	1	120.00	0.1391 #	16.69
2860	76012660010	ZOCALO	1	118.00	0.1391 #	16.41
2861	76012670020	MENSULA	1	2.00	0.1391 #	0.28
2862	76012670030	CHAPA	1	335.00	0.1391 #	46.60
2863	76012670040	CHAPA	1	53.00	0.1391 #	7.37
2864	76012670050	CHAPA	1	42.00	0.1391 #	5.84
2865	76012670060	CHAPA	1	11.00	0.1391 #	1.53
2866	76012670070	CHAPA	1	1.00	0.1391 #	0.14
2867	76012670080	CHAPA	1	11.00	0.1391 #	1.53
2868	76012670090	CHAPA	1	3.00	0.1391 #	0.42
2869	76012670210	PLASTICO	1	1.00	0.1391 #	0.14
2870	76012670220	PLASTICO	1	3.00	0.1391 #	0.42
2871	76012670230	PLASTICO	1	4.00	0.1391 #	0.56
2872	76012670240	PLASTICO	1	96.00	0.1391 #	13.35
2873	76012670250	PLASTICO	1	14.00	0.1391 #	1.95
2874	76012670260	BANDEJA	1	28.00	0.1391 #	3.89
2875	76012680010		0	1.00	0.0000 +	0.00
2876	76055010100	CONMUTADOR	1	2.00	0.1391 #	0.28
2877	76055050010	LLAVE	1	2.00	0.1391 #	0.28
2878	76055060010	LLAVE	1	1.00	0.1391 #	0.14
2879	76055070010	LLAVE	1	1.00	0.1391 #	0.14
2880	76055100010	CORTACORRIENTE	1	47.00	0.1391 #	6.54
2881	76055110010	CORTACORRIENTE	1	44.00	0.1391 #	6.12
2882	76055120010		0	0.00	0.0000 +	0.00
2883	76055130010	CORTACORRIENTE	1	16.00	0.1391 #	2.23
2884	76055200010	CONTACTOR	1	2.00	0.1391 #	0.28
2885	76055210010	CONTACTOR	1	3.00	0.1391 #	0.42
2886	76055220010	CONTACTOR	1	3.00	0.1391 #	0.42
2887	76055230010	CONTACTOR	1	4.00	0.1391 #	0.56
2888	76055240010	CONTACTOR	1	7.00	0.1391 #	0.97
2889	76055260010	CONTACTOR	1	5.00	0.1391 #	0.70
2890	76055300010	TIMER	1	7.00	0.1391 #	0.97
2891	76055310010	TIMER	1	1.00	0.1391 #	0.14
2892	76055350010	RELEVADOR	1	9.00	0.1391 #	1.25
2893	76055360010	RELEVADOR	1	7.00	0.1391 #	0.97
2894	76055400010	OJO DE BUEY	1	6.00	0.1391 #	0.83
2895	76055410010	OJO DE BUEY	1	4.00	0.1391 #	0.56
2896	76055500010	RELEVADOR	1	2.00	0.1391 #	0.28
2897	76055550010	CUBIERTA	1	1.00	0.1391 #	0.14
2898	76055600010	RESISTENCIA	1	1.00	0.1391 #	0.14
2899	76055650010	VOLTIMETRO	1	1.00	0.1391 #	0.14
2900	76055700010	AMPERIMETRO	1	1.00	0.1391 #	0.14

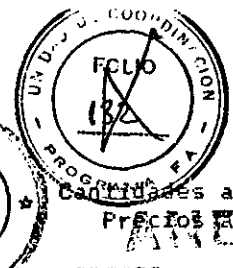
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Emisión: 10/11/94

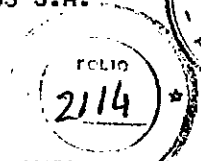
FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 51

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Programa al: 31/08/94
Proceso al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2901	76055700020	AMPERIMETRO	1	1.00	0.1391 #	0.14
2902	76055750010	TRANSFORMADOR	1	1.00	0.1391 #	0.14
2903	76055760010	TRANSFORMADOR	1	1.00	0.1391 #	0.14
2904	76100080100	CABLE	3	5400.00	0.1391 #	751.14
2905	76100080200	CABLE	3	3900.00	0.1391 #	542.49
2906	76100080300	CABLE	3	4200.00	0.1391 #	584.22
2907	76100080400	CABLE	3	400.00	0.1391 #	55.64
2908	76100080500		0	0.00	0.0000 +	0.00
2909	76100102000	CABLE	3	7.00	0.1391 #	0.97
2910	76100102200	CABLE	3	10.00	0.1391 #	1.39
2911	76100102210	CABLE	3	3.00	0.1391 #	0.42
2912	76100102250	CABLE	1	0.00	0.0000 +	0.00
2913	76100102500	CABLE	1	0.00	0.1391 #	0.00
2914	76100102550		0	0.00	0.1391 #	0.00
2915	76100200100	ESPARRAGO	1	268.00	0.1391 #	37.28
2916	76100200150	ESPARRAGO	1	1210.00	0.1391 #	168.31
2917	76100200300	ESPARRAGO	1	1120.00	0.1391 #	155.79
2918	76100200400	ESPARRAGO	1	1240.00	0.1391 #	172.48
2919	76100200500	ESPARRAGO	1	800.00	0.1391 #	111.28
2920	76100200700	ESPARRAGO	1	765.00	0.1391 #	106.41
2921	76100200900	ESPARRAGO	1	256.00	0.1391 #	35.61
2922	76207000010	MAQUINA DE CAMBIO	1	17.00	26.7035	453.96
2923	76207010010	BARRA	1	2.00	0.1391 #	0.28
2924	76207020010	BARRA	1	46.00	0.1391 #	6.40
2925	76207030010	ENGRANAJE	1	10.00	0.1391 #	1.39
2926	76207040010	MANIVELA	1	22.00	0.1391 #	3.06
2927	76207050010	MOTOR	1	20.00	0.1391 #	2.78
2928	76207060010	RELEVADOR	1	11.00	0.1391 #	1.53
2929	76207060020	ZOCALO	1	5.00	0.1391 #	0.70
2930	76208000010	MARMITA	1	2.00	0.1391 #	0.28
2931	76208010010	EXCENTRICO	1	5.00	0.1391 #	0.70
2932	76208010100	CERRADURA	1	15.00	0.1391 #	2.09
2933	76208010150	ROTON	1	2.00	0.1391 #	0.28
2934	76209010010	ABRIGO	1	2.00	0.1391 #	0.28
2935	76209020010	ABRIGO	1	1.00	0.1391 #	0.14
2936	76244010010	SENAL	1	0.00	0.0000 +	0.00
2937	76344010010	SENAL LUMINOSA DE 4 ASPECTO	1	0.00	0.1391 #	0.00
2938	76344010250	CONTRALUZ	1	20.00	0.1391 #	2.78
2939	76344010270	CONTRALUZ	1	1.00	0.1391 #	0.14
2940	76344010310	LENTE TIPO	1	131.00	13.0800	1713.48
2941	76344010330		1	200.00	15.0333	3006.66
2942	76344010350		0	0.00	0.0000 +	0.00
2943	76344010370	LENTE TIPO	1	0.00	0.1391 #	0.00
2944	76344010390	LENTE TIPO	1	0.00	0.1391 #	0.00
2945	76344020010	SENAL	1	0.00	0.1391 #	0.00
2946	76344020050	CONTRALUZ	1	16.00	0.1391 #	2.23
2947	76344030010		0	0.00	0.0000 +	0.00
2948	76344040010	LUZ MARCADORA	1	8.00	0.1391 #	1.11
2949	76344050010	SENAL	1	11.00	0.1391 #	1.53
2950	76345010010	HERRAJE	1	33.00	0.1391 #	4.59
2951	76345020010	HERRAJE	1	31.00	0.1391 #	4.31
2952	76345200010	MENSULA	1	22.00	0.1391 #	3.06
2953	76345200020	BRAZO	1	123.00	0.1391 #	17.11
2954	76345200030	BRAZO	1	123.00	0.1391 #	17.11
2955	76345200040	PIEZA METALICA	1	18.00	0.1391 #	2.50
2956	76345200050	TUERCA	1	1.00	0.1391 #	0.14
2957	76345200060	ARANDELA	1	1.00	0.1391 #	0.14
2958	76345200070	ARANDELA	1	1.00	0.1391 #	0.14

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 52

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Quantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2959	76345210010	MENSULA		4.00	0.1391 #	0.56
2960	76345210020	BRAZO		2.00	0.1391 #	0.28
2961	76345210030	BRAZO		6.00	0.1391 #	0.83
2962	76345220010	MENSULA		2.00	0.1391 #	0.28
2963	76345230010	MENSULA		14.00	0.1391 #	1.95
2964	76345230040	BULON		41.00	0.1391 #	5.70
2965	76369020010	INDICADOR		4.00	0.1391 #	0.56
2966	76369020100	RELEVADOR		503.00	0.1391 #	69.97
2967	76369020150	TAPA		37.00	0.1391 #	5.15
2968	76369100010	INDICADOR		11.00	0.1391 #	1.53
2969	76369150010	INDICADOR		6.00	0.1391 #	0.83
2970	76369200010	INDICADOR		20.00	0.1391 #	2.78
2971	76369210010	INDICADOR		4.00	0.1391 #	0.56
2972	76369250010	INDICADOR		8.00	0.1391 #	1.11
2973	76369250050	FAROL		26.00	0.1391 #	3.62
2974	76369250090			0.00	0.0000 +	0.00
2975	76369300010	INDICADOR		0.00	0.1391 #	0.00
2976	76369300050	FAROL		6.00	0.1391 #	0.83
2977	76369450010	LUZ INDICADORA		4.00	0.1391 #	0.56
2978	76369500010	TABLERO		12.00	0.1391 #	1.67
2979	76369550010	TABLERO		1.00	0.1391 #	0.14
2980	76376150100			0.00	2.9516	0.00
2981	76376500050	CONMUTADOR MAQ. DE BARRERA		0.00	63.5682	0.00
2982	76376509990			0.00	99.8887	0.00
2983	76376550010	SEMAFORO		0.00	150.3362	0.00
2984	76376570100	CAMFANILLA 24V SAXBY		0.00	360.9469	0.00
2985	76376660020	DESTELLADOR ELECTRICO		10.00	396.0390	3960.39
2986	76379012400	LATERL 190X105X4800 MM		0.00	43.5000	0.00
2987	76379012405	BRAZO DE BARRERA 4.8 M		0.00	43.5000	0.00
2988	76385050010	UNIDAD DE SENAL		2.00	0.1391 #	0.28
2989	76385090010	UNIDAD DE SENAL		16.00	0.1391 #	2.23
2990	76389012405			0.00	0.0000 +	0.00
2991	76500520010	RELEVADOR		687.00	0.1391 #	95.56
2992	76500530010	RELEVADOR		86.00	0.1391 #	11.96
2993	76500540010	RELEVADOR		44.00	0.1391 #	6.12
2994	76500550010	RELEVADOR		40.00	0.1391 #	5.56
2995	76500560010	RELEVADOR		56.00	0.1391 #	7.79
2996	76500570010	RELEVADOR		26.00	0.1391 #	3.62
2997	76500580010	RELEVADOR		23.00	0.1391 #	3.20
2998	76500590010	RELEVADOR		24.00	0.1391 #	3.34
2999	76500600010	CONSERVADOR		58.00	0.1391 #	8.07
3000	76500610010	CONSERVADOR		13.00	0.1391 #	1.81
3001	76500620010	DETECTOR		7.00	0.1391 #	0.97
3002	76500650010	DETECTOR		2.00	0.1391 #	0.28
3003	76500660010	DETECTOR		81.00	0.1391 #	11.27
3004	76502251100			0.00	0.1391 #	0.00
3005	76550650010	RELEVADOR		58.00	35.1366	2037.92
3006	76550660010	RELEVADOR		17.00	35.4178	602.10
3007	76550670010	RELEVADOR		17.00	35.6989	606.88
3008	76595100010	JACKS TIPO A		457.00	0.1391 #	63.57
3009	76595110010	JACKS TIPO A		31.00	0.1391 #	4.31
3010	76595120010	JACKS TIPO A-2		39.00	0.1391 #	5.42
3011	76595130010	JACKS TIPO A-M-3		10.00	0.1391 #	1.39
3012	76595140010	JACKS TIPO A-44		61.00	0.1391 #	8.49
3013	76595160010	JACKS TIPO B		3.00	0.1391 #	0.42
3014	76595170010	JACKS TIPO B-4-F		45.00	0.1391 #	6.26
3015	76595180010	JACKS TIPO B		5.00	0.1391 #	0.70
3016	76595190010	JACKS TIPO B		5.00	0.1391 #	0.70

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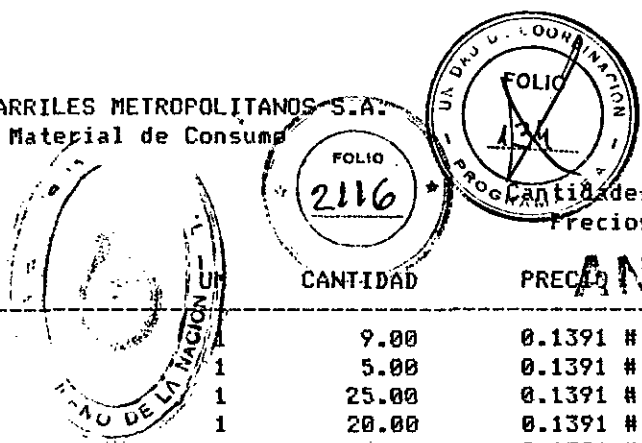
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 53

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTO	
3017	76595200010	JACKS TIPO B	9.00	0.1391 #	1.25	
3018	76595210010	JACKS TIPO B-4-D	5.00	0.1391 #	0.70	
3019	76595220010	JACKS TIPO C	25.00	0.1391 #	3.48	
3020	76595240010	JACKS TIPO G	20.00	0.1391 #	2.78	
3021	76595250010	JACKS TIPO C	46.00	0.1391 #	6.40	
3022	76595260010	JACKS TIPO C-2-G	30.00	0.1391 #	4.17	
3023	76595270010	JACKS TIPO C-5-D	74.00	0.1391 #	10.29	
3024	76595290010	JACKS TIPO M1-35	7.00	0.1391 #	0.97	
3025	76596100010	CONECTORES TIPO H	218.00	0.1391 #	30.32	
3026	76596150010	CONECTOR TIPO H	240.00	0.1391 #	33.38	
3027	76596200010	FUENTE DE CONECCION	84.00	0.1391 #	11.68	
3028	76600010750		1	0.00	56.2423	0.00
3029	76600011200	JUNTA AISLADORA DE FIBRA	1	0.00	5.7149	0.00
3030	76600050600	ANILLO AISLANTE BS.	1	0.00	3.2108	0.00
3031	76600230450	PERNO DE ACERO CORREADO	1	2400.00	0.7148	1715.52
3032	76605310010	ARMARIO P/DETECTORES	1	16.00	0.1391 #	2.23
3033	76612600100	BIDON DE PLASTICO	1	6.00	0.1391 #	0.83
3034	76612600200	BOMBA MANUAL	1	3.00	0.1391 #	0.42
3035	76612600300	MANGUERA	1	3.00	0.1391 #	0.42
3036	76612900200	BOMBA MANUAL	1	3.00	0.0000 +	0.00
3037	76614200010	BORNERA	1	21.00	0.1391 #	2.92
3038	76614210010	BORNERA	1	7.00	0.1391 #	0.97
3039	76614220010	BORNERA	1	220.00	0.1391 #	30.60
3040	76614230010	BORNERA	1	88.00	0.1391 #	12.24
3041	76614230030	TUERCA	1	141.00	0.1391 #	19.61
3042	76614230040	ARANDELA	1	141.00	0.1391 #	19.61
3043	76614230050	ARANDELA	1	120.00	0.1391 #	16.69
3044	76615010100		0	0.00	0.0000 +	0.00
3045	76615010200		0	0.00	0.0000 +	0.00
3046	76615010300	EQUIPO	1	1.00	0.1391 #	0.14
3047	76615010400		0	0.00	0.0000 +	0.00
3048	76616060010	CAJA	1	21.00	0.1391 #	2.92
3049	76621020010	CORDON	1	1.00	0.1391 #	0.14
3050	76621020050	ADAPTADOR	1	5.00	0.1391 #	0.70
3051	76621030010	BOTON	1	2.00	0.1391 #	0.28
3052	76621030030	BOTON	1	3.00	0.1391 #	0.42
3053	76621030050	BOTON	1	2.00	0.1391 #	0.28
3054	76621030070	BOTON	1	1.00	0.1391 #	0.14
3055	76621030090	BOTON	1	1.00	0.1391 #	0.14
3056	76621030110	BOTON	1	1.00	0.1391 #	0.14
3057	76621040010	MOTOR	1	2.00	0.1391 #	0.28
3058	76621040150	MOTOR	1	1.00	0.1391 #	0.14
3059	76621040300	MOTOR	1	2.00	0.1391 #	0.28
3060	76621050050	INTERRUPTOR	1	1.00	0.1391 #	0.14
3061	76621050300	MICROINTERRUPTOR	1	2.00	0.1391 #	0.28
3062	76621050350	MICROINTERRUPTOR	1	5.00	0.1391 #	0.70
3063	76621050500	INTERRUPTOR	1	1.00	0.1391 #	0.14
3064	76621050520	INTERRUPTOR	1	1.00	0.1391 #	0.14
3065	76621050540	INTERRUPTOR	1	1.00	0.1391 #	0.14
3066	76621050560	INTERRUPTOR	1	2.00	0.1391 #	0.28
3067	76621050600	INTERRUPTOR	1	2.00	0.1391 #	0.28
3068	76621050650	PROTECTOR	1	1.00	0.1391 #	0.14
3069	76621060050	CAJA P/LAMPARA	1	5.00	0.1391 #	0.70
3070	76621060070	CAJA P/LAMPARA	1	2.00	0.1391 #	0.28
3071	76621060090	CAJA P/LAMPARA	1	1.00	0.1391 #	0.14
3072	76621060110	CAJA P/LAMPARA	1	1.00	0.1391 #	0.14
3073	76621060130	CAJA P/PUERTA	1	1.00	0.1391 #	0.14
3074	76621070050	FLACA	1	6.00	0.1391 #	0.83

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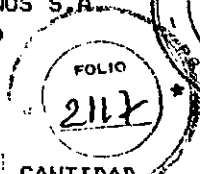
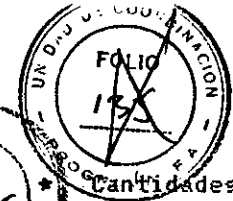
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 54

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA



Cantidades al: 31/08/94
Precios al: 31/07/94

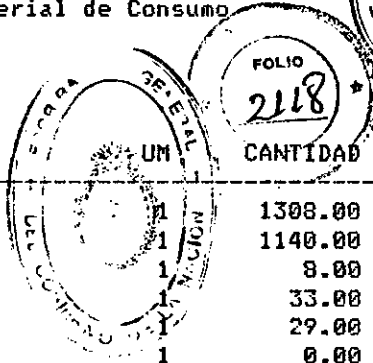
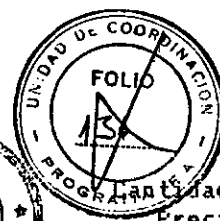
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3075	76621070070	PLACA	1	2.00	0.1391 #	0.28
3076	76621070090	PLACA	1	1.00	0.1391 #	0.14
3077	76621070110	PLACA	1	1.00	0.1391 #	0.14
3078	76621080050	DIODO	1	7.00	0.1391 #	0.97
3079	76621080100	DIODO	1	10.00	0.1391 #	1.39
3080	76621090050	FUSIBLE	1	6.00	0.1391 #	0.83
3081	76621100050	CONJUNTO	1	4.00	0.1391 #	0.56
3082	76621100070	CONJUNTO	1	4.00	0.1391 #	0.56
3083	76621100090	CONJUNTO	1	1.00	0.1391 #	0.14
3084	76621100110	CONJUNTO	1	1.00	0.1391 #	0.14
3085	76621100130	CONJUNTO	1	1.00	0.1391 #	0.14
3086	76621100300	LED ENCHUFABLE	1	8.00	0.1391 #	1.11
3087	76621100320	LED ENCHUFABLE	1	8.00	0.1391 #	1.11
3088	76621100340	LED ENCHUFE	1	6.00	0.1391 #	0.83
3089	76621100360	LED ENCHUFABLE	1	16.00	0.1391 #	2.23
3090	76621110050	INDICADOR	1	5.00	0.1391 #	0.70
3091	76621110070	INDICADOR	1	10.00	0.1391 #	1.39
3092	76621120050	DISFLAY	1	1.00	0.1391 #	0.14
3093	76621130050	UNIDAD DE TECLADO	1	1.00	0.1391 #	0.14
3094	76621130150	LLAVE DE TECLADO	1	8.00	0.1391 #	1.11
3095	76621140010	VARITORO	1	1.00	0.1391 #	0.14
3096	76621150010	ZUMBADOR	1	1.00	0.1391 #	0.14
3097	76621160050	SEPARADOR	1	1.00	0.1391 #	0.14
3098	76621160070	SEPARADOR	1	2.00	0.1391 #	0.28
3099	76621160090	SEPARADOR	1	2.00	0.1391 #	0.28
3100	76621160110	SEPARADOR	1	2.00	0.1391 #	0.28
3101	76621170050	PLUMAS P/GRAFICADOR	1	5.00	0.1391 #	0.70
3102	76621170070	PLUMAS P/GRAFICADOR	1	10.00	0.1391 #	1.39
3103	76621170090	PLUMAS P/GRAFICADOR	1	15.00	0.1391 #	2.09
3104	76621170110	PLUMAS P/GRAFICADOR	1	15.00	0.1391 #	2.09
3105	76621180010	MARCO DE PLASTICO	1	4.00	0.1391 #	0.56
3106	76621180020	MARCO DE PLASTICO	1	1.00	0.1391 #	0.14
3107	76621190050	RELEVADOR	1	1.00	0.1391 #	0.14
3108	76621190070	RELEVADOR	1	1.00	0.1391 #	0.14
3109	76621190090	RELEVADOR	1	1.00	0.1391 #	0.14
3110	76621190110	RELEVADOR	1	3.00	0.1391 #	0.42
3111	76621190130	RELEVADOR	1	1.00	0.1391 #	0.14
3112	76621190170	RELEVADOR	1	1.00	0.1391 #	0.14
3113	76621190300	RELEVADOR	1	1.00	0.1391 #	0.14
3114	76621190350	RELEVADOR	1	1.00	0.1391 #	0.14
3115	76621190400	RELEVADOR	1	1.00	0.1391 #	0.14
3116	76621200050	TEMPORIZADOR	1	1.00	0.1391 #	0.14
3117	76621200100	TEMPORIZADOR	1	1.00	0.1391 #	0.14
3118	76621211000	LLAVE TERMICA	1	1.00	0.1391 #	0.14
3119	76621211020	LLAVE TERMICA	1	1.00	0.1391 #	0.14
3120	76621211040	LLAVE TERMICA	1	1.00	0.1391 #	0.14
3121	76621211200	LLAVE TERMICA	1	1.00	0.1391 #	0.14
3122	76621211220	LLAVE TERMICA	1	1.00	0.1391 #	0.14
3123	76621211240	LLAVE TERMICA	1	1.00	0.1391 #	0.14
3124	76621211260	LLAVE TERMICA	1	1.00	0.1391 #	0.14
3125	76621220700	UNIDAD	1	2.00	0.1391 #	0.28
3126	76621220710	UNIDAD	1	4.00	0.1391 #	0.56
3127	76621220720	UNIDAD	1	1.00	0.1391 #	0.14
3128	76621250050	FINZA	1	1.00	0.1391 #	0.14
3129	76621250100	CONJUNTO DE MORDAZA	1	1.00	0.1391 #	0.14
3130	76621260050	TERMINAL	1	50.00	0.1391 #	6.96
3131	76621260070	TERMINAL	1	1815.00	0.1391 #	252.47
3132	76621260090	TERMINAL	1	1100.00	0.1391 #	153.01

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
3133	76621260110	TERMINAL	1	1308.00	0.1391 #	181.94
3134	76621260130	TERMINAL	1	1140.00	0.1391 #	158.57
3135	76621280050	CONECTOR	1	8.00	0.1391 #	1.11
3136	76621280070	CONECTOR	1	33.00	0.1391 #	4.59
3137	76621280080	CONECTOR	1	29.00	0.0000 +	0.00
3138	76621280090	CONECTOR	1	0.00	0.1391 #	0.00
3139	76621280110	CONECTOR	1	1.00	0.1391 #	0.14
3140	76621280130	CONECTOR	1	12.00	0.1391 #	1.67
3141	76621280150	CONECTOR	1	1.00	0.1391 #	0.14
3142	76621280200	CONJUNTO	1	17.00	0.1391 #	2.36
3143	76621280250	TERMINAL	1	450.00	0.1391 #	62.60
3144	76621310050	CONTADOR	1	1.00	0.1391 #	0.14
3145	76621320050	MONITOR	1	0.00	0.1391 #	0.00
3146	76621320100	PLAQUETA	1	1.00	0.1391 #	0.14
3147	76621320120	PLAQUETA	1	1.00	0.1391 #	0.14
3148	76621330050	FUENTE DE ALIMENTACION	1	1.00	0.1391 #	0.14
3149	76621340050	UNIDAD	1	5.00	0.1391 #	0.70
3150	76621340060	EQUIPO	1	10.00	0.1391 #	1.39
3151	76621350050	HISOPO	1	10.00	0.1391 #	1.39
3152	76621360050	VALIJA	1	0.00	0.1391 #	0.00
3153	76621370050	CUBIERTA	1	1.00	0.1391 #	0.14
3154	76621380050	CABLE DE ACERO	1	2.00	0.1391 #	0.28
3155	76621380100	CABLE DE ACERO	1	1.00	0.1391 #	0.14
3156	76621390010	CABLE	1	2.00	0.1391 #	0.28
3157	76621390030	CABLE	1	2.00	0.1391 #	0.28
3158	76621390050	CABLE	1	4.00	0.1391 #	0.56
3159	76628010010	DETECTOR	1	1.00	0.1391 #	0.14
3160	76628020010	DETECTOR DE FIL.CORT.TIP.STD	1	0.00	0.1391 #	0.00
3161	76628030010	DETECTOR	1	2.00	0.1391 #	0.28
3162	76628040010	MONITOR	1	1.00	0.1391 #	0.14
3163	76628040100	LAMPARA	1	5.00	0.1391 #	0.70
3164	76628050010	DETECTOR	1	50.00	0.1391 #	6.96
3165	76637010010	DIVISOR	1	9.00	0.1391 #	1.25
3166	76637020010	MULTIPLICADOR	1	10.00	0.1391 #	1.39
3167	76637030010		1	3.00	0.0000 +	0.00
3168	76640100500	PORTALAMPARA	1	57.00	0.1391 #	7.93
3169	76640100510	PROLONGADOR	1	19.00	0.1391 #	2.64
3170	76640100520	PROLONGADOR	1	3.00	0.1391 #	0.42
3171	76640100530	PINZA	1	5.00	0.1391 #	0.70
3172	76640100540	PINZA	1	2.00	0.1391 #	0.28
3173	76640100550	PINZA	1	3.00	0.1391 #	0.42
3174	76640100560	PINZA	1	2.00	0.1391 #	0.28
3175	76640100570	PINZA	1	5.00	0.1391 #	0.70
3176	76640100580	CAJA DE HERRAMIENTAS	1	22.00	0.1391 #	3.06
3177	76640100700		0	0.00	0.0000 +	0.00
3178	76640100750	SALTONES	1	4.00	0.1391 #	0.56
3179	76642050150	LAMPARA	1	384.00	0.1391 #	53.41
3180	76642050200	LAMPARA	1	180.00	0.1391 #	25.04
3181	76642120010	LAMPARA	1	46.00	2.8096	129.24
3182	76642160050	LAMPARA	1	223.00	0.1391 #	31.02
3183	76642180010	LAMPARA	1	1.00	0.1391 #	0.14
3184	76642180020	LAMPARA	1	2.00	0.1391 #	0.28
3185	76642180030	LAMPARA	1	1.00	3.2311	3.23
3186	76642180040	LAMPARA	1	106.00	0.1391 #	14.74
3187	76642190010	LAMPARA	1	161.00	3.5122	565.46
3188	76642200100	LAMPARA	1	1.00	0.1391 #	0.14
3189	76642270010	LAMPARA	1	79.00	3.2311	255.26
3190	76643010010	PROBADOR	1	4.00	0.1391 #	0.56

ANEXO

MD

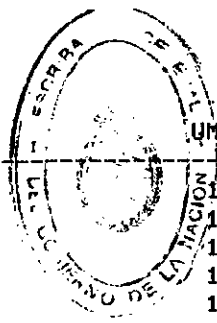
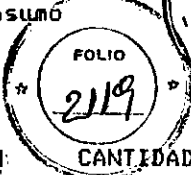
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 56

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Cantidades al: 31/08/94
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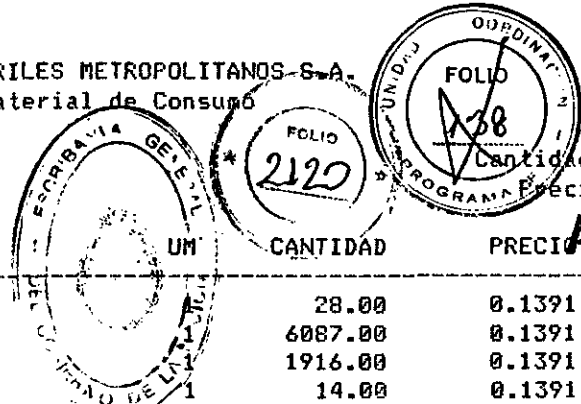
ANEXO

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3192	76643030010	PROBADOR	1.00	0.1391 #	0.14
3193	76643040010	PROBADOR	1	0.1391 #	1.11
3194	76643050010	PROBADOR	1	0.1391 #	1.67
3195	76645011010	LIPA	1	0.8416	71.54
3196	76645011150	TERMINAL	1	0.1391 #	2.64
3197	76645011200	ANCLAJE	1	0.1391 #	8.35
3198	76655400010	RECTIFICADOR	1	0.1391 #	0.14
3199	76655410010	RECTIFICADOR	1	29.00	4.03
3200	76655420010	RECTIFICADOR	1	2.00	0.28
3201	76655430010	RECTIFICADOR	1	5.00	0.70
3202	76660200010	RESISTENCIA	1	7.00	0.97
3203	76660210010	RESISTENCIA	1	98.00	13.63
3204	76660220010	RESISTENCIA	1	42.00	5.84
3205	76660230010	RESISTENCIA	1	1.00	0.14
3206	76660240010	RESISTOR	1	1.00	0.14
3207	76661050010	FUSIBLE	1	51.00	7.09
3208	76661060010	FUSIBLE	1	360.00	50.08
3209	76661070010	FUSIBLE	1	76.00	10.57
3210	76661100010	FUSIBLE	1	25.00	3.48
3211	76661110010	FUSIBLE	1	12.00	1.67
3212	76661120010	FUSIBLE	1	8.00	1.11
3213	76661130010	FUSIBLE	1	8.00	1.11
3214	76661140010	FUSIBLE	1	14.00	1.95
3215	76661150010	FUSIBLE	1	6.00	0.83
3216	76661160010	FUSIBLE	0	6.00	0.83
3217	76661170010	FUSIBLE	1	6.00	0.83
3218	76661180010	FUSIBLE	1	8.00	1.11
3219	76672110010	PARARRAYO	1	75.00	10.43
3220	76672120010	PARARRAYO	1	63.00	8.76
3221	76672120100	ZOCALO	1	51.00	7.09
3222	76672130010	PARARRAYO	1	40.00	5.56
3223	76675100010	TERMINAL	1	180.00	25.04
3224	76675120010	TERMINAL	1	780.00	108.50
3225	76675130010	TERMINAL	1	1215.00	169.01
3226	76675140010	TERMINAL	1	29.00	4.03
3227	76675150010	TERMINAL	1	2650.00	368.62
3228	76680600010	TRANSFORMADOR	1	1.00	0.14
3229	76680610010	TRANSFORMADOR	1	1.00	0.14
3230	76680620010	TRANSFORMADOR	1	5.00	0.70
3231	76680630010	TRANSFORMADOR	1	15.00	2.09
3232	76680650010	TRANSFORMADOR	1	6.00	0.83
3233	76680660010	TRANSFORMADOR	1	11.00	1.53
3234	76680670010	TRANSFORMADOR	1	20.00	2.78
3235	76680680010	TRANSFORMADOR	1	18.00	2.50
3236	76680690010	TRANSFORMADOR	1	105.00	14.61
3237	76680730010	REPETIDOR	1	241.00	33.52
3238	76680750010	TRANSFORMADOR	1	54.00	7.51
3239	77050010100	BANDEJA	1	8.00	1.11
3240	77521150010	CORDON MICRO	1	0.00	0.00
3241	77521150040		1	0.00	0.00
3242	77585010010	APARATO TELEFONICO	1	1.00	0.14
3243	77586010010	PULSADOR TELEFONO	1	0.00	0.00
3244	77615010010	APARATO TELEFONICO	1	2.00	0.28
3245	77810010010	APARATO TELEFONICO	1	4.00	0.56
3246	77810010100	MANIJA	1	63.00	8.76
3247	77810012000	FUENTE	1	1.00	0.14
3248	77810012010	EQUIPO F/FUENTE	1	1.00	0.14

AD

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
3249	78505100400	DESCARGADOR		28.00	0.1391 #	3.89
3250	78505100500	DESCARGADOR		6087.00	0.1391 #	846.70
3251	78505100600	CUERPO		1916.00	0.1391 #	266.52
3252	78505100700	FORMA DE BASTON		14.00	0.1391 #	1.95
3253	78505100800	DESCARGADOR		24.00	0.1391 #	3.34
3254	78505100900	DESCARGADOR		10.00	0.1391 #	1.39
3255	78507050100	FUSIBLE		5.00	0.1391 #	0.70
3256	78507050150	FUSIBLE		5.00	0.1391 #	0.70
3257	78507050200	FUSIBLE		33.00	0.1391 #	4.59
3258	78507050300	FUSIBLE		1.00	0.1391 #	0.14
3259	78507050400	FUSIBLE		15.00	0.1391 #	2.09
3260	78507050500			0.00	0.1391 #	0.00
3261	78507050800	FUSIBLE		4.00	0.1391 #	0.56
3262	78507050900	FUSIBLE		1.00	0.1391 #	0.14
3263	78507051000	FUSIBLE		24.00	0.1391 #	3.34
3264	78507051100	FUSIBLE		6.00	0.1391 #	0.83
3265	78507051190	FUSIBLE		60.00	0.1391 #	8.35
3266	78508010010	BORNERA		7.00	0.1391 #	0.97
3267	78508020010	BORNERA		1.00	0.1391 #	0.14
3268	78508030010	BORNERA		3.00	0.1391 #	0.42
3269	78508030100	BORNERA		450.00	0.1391 #	62.60
3270	78508040010	BORNERA		6.00	0.1391 #	0.83
3271	78508040100	PLACA		40.00	0.1391 #	5.56
3272	78508040120	ARANDELA		182.00	0.1391 #	25.32
3273	78508040140	TORNILLO		1370.00	0.1391 #	190.57
3274	78508040160	CHAPA		170.00	0.1391 #	23.65
3275	78508040180	TAPA		6.00	0.1391 #	0.83
3276	78508040200	SOPORTE		1300.00	0.1391 #	180.83
3277	78508040220	MANIJA DE EXTRACCION		41.00	0.1391 #	5.70
3278	78508040240	TERMINAL		42.00	0.1391 #	5.84
3279	78508040260	TORNILLO		11.00	0.1391 #	1.53
3280	78508040280	TORNILLO		12.00	0.1391 #	1.67
3281	78508040300	ARANDELA		12.00	0.1391 #	1.67
3282	78508040320	ARANDELA		12.00	0.1391 #	1.67
3283	78508040340	ARANDELA		12.00	0.1391 #	1.67
3284	78508040360	TORNILLO		186.00	0.1391 #	25.87
3285	78508040380	TORNILLO		168.00	0.1391 #	23.37
3286	78508040400	CHAPA DE UNION		39.00	0.1391 #	5.42
3287	78508040420	TORNILLO		49.00	0.1391 #	6.82
3288	78508040440	TUERCA		50.00	0.1391 #	6.96
3289	78508040460	ARANDELA		43.00	0.1391 #	5.93
3290	78508050010	BORNERA		5.00	0.1391 #	0.70
3291	78508050100	CHAPA		3.00	0.1391 #	0.42
3292	78508050120	TORNILLO		4.00	0.1391 #	0.56
3293	78508050140	ARANDELA		4.00	0.1391 #	0.56
3294	78508060010	BORNERA		1.00	0.1391 #	0.14
3295	78508060100	TORNILLO		8.00	0.1391 #	1.11
3296	78508060120	TUERCA		8.00	0.1391 #	1.11
3297	78508060140	ARANDELA		8.00	0.1391 #	1.11
3298	78508070010	BORNERA		7.00	0.1391 #	0.97
3299	78508080010			0.00	0.0000 +	0.00
3300	78508080100	FUENTE		825.00	0.1391 #	114.76
3301	78654010010	RELOJ CITIZEN		2.00	0.1391 #	0.28
3302	78655010010	RELOJ CITIZEN		1.00	0.1391 #	0.14
3303	78656010010	RELOJ CITIZEN		0.00	0.1391 #	0.00
3304	78657010010	RELOJ CITIZEN		1.00	0.1391 #	0.14
3305	78999990130			0.00	195.0237	0.00
3306	78999999990	INTERCO.CRONOS C/CAJA DE CONE.		0.00	0.3834	0.00

ANEXO

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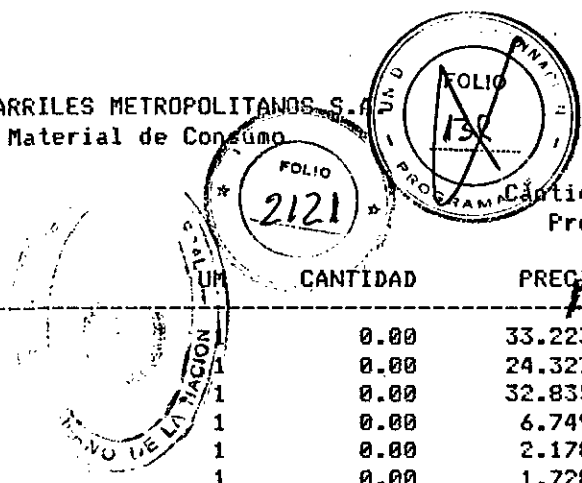
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Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
3307	79120030010			0.00	33.2238	0.00
3308	79120030020			0.00	24.3273	0.00
3309	79120030050			0.00	32.8353	0.00
3310	79120030070			0.00	6.7490	0.00
3311	79120030090			0.00	2.1780	0.00
3312	79120030090			0.00	1.7281	0.00
3313	79120030100			0.00	0.7055	0.00
3314	79120030120			0.00	1.9633	0.00
3315	79120030130			0.00	0.1942	0.00
3316	79120030140			0.00	0.1942	0.00
3317	79120030150			0.00	0.6543	0.00
3318	79120030160			0.00	0.6032	0.00
3319	79120030170			0.00	0.2146	0.00
3320	79123010050			0.00	87.4899	0.00
3321	79123010060			0.00	27.3404	0.00
3322	79304010300			0.00	8.4954	0.00
3323	79306010050			0.00	0.0000 +	0.00
3324	79306010060			0.00	0.0000 +	0.00
3325	79501130200	CABLE	3	0.00	6.2951	0.00
3326	79501130220	CABLE	3	500.00	6.4413	3220.65
3327	79501350250	CABLE	1	250.00	0.0000 +	0.00
3328	79501400150	CABLE	3	750.00	6.5879	4940.93
3329	79501400200	CABLE	3	1515.00	6.7342	10202.31
3330	79501400250	CABLE	3	1495.00	6.8804	10286.20
3331	79501450100	CABLE	3	1640.00	6.8804	11283.86
3332	79501450150	CABLE	3	0.00	6.9539	0.00
3333	79501450200	CABLE	3	1005.00	6.9684	7003.24
3334	79501450250		3	0.00	6.9831	0.00
3335	79501450300	CABLE	3	0.00	7.0268	0.00
3336	79501450350	CABLE	3	0.00	7.3199	0.00
3337	79501480100		3	0.00	1.9347	0.00
3338	79502250050		0	0.00	0.0000 +	0.00
3339	79502250100	KIT P/EMPALME	1	0.00	0.2143	0.00
3340	79502250150	KIT P/EMPALME	1	1.00	0.2143	0.21
3341	79502250200	KIT P/EMPALME	1	3.00	0.2143	0.64
3342	79502250250	KIT P/EMPALME	1	0.00	0.2143	0.00
3343	79502250300	KIT P/EMPALME	1	8.00	0.2143	1.71
3344	79502250350	KIT P/EMPALME	1	4.00	0.2143	0.86
3345	79502250400	KIT P/EMPALME	1	5.00	0.2143	1.07
3346	79502250450	KIT P/EMPALME	1	1.00	0.2143	0.21
3347	79502250500	KIT P/EMPALME	1	1.00	0.2143	0.21
3348	79502250550	KIT P/EMPALME	1	4.00	0.2143	0.86
3349	79502250600	KIT P/EMPALME	1	1.00	0.2143	0.21
3350	79502250650		0	0.00	0.0000 +	0.00
3351	79502250700	KIT P/EMPALME	1	3.00	0.2143	0.64
3352	79502250750	KIT P/EMPALME	1	3.00	0.2143	0.64
3353	79502250800	KIT P/EMPALME	1	4.00	0.2143	0.86
3354	79502250850	KIT P/EMPALME	1	3.00	0.2143	0.64
3355	79502250900	KIT P/EMPALME	1	8.00	0.2143	1.71
3356	79502250950	KIT P/EMPALME	1	3.00	0.2143	0.64
3357	79502251000	KIT P/EMPALME	1	2.00	0.2143	0.43
3358	79502251050	KIT P/EMPALME	1	3.00	0.2143	0.64
3359	79502251100	KIT P/EMPALME	1	4.00	0.2143	0.86
3360	79502251150	KIT P/EMPALME	1	6.00	0.2143	1.29
3361	79502260050	KIT P/EMPALME	1	5.00	0.2143	1.07
3362	79502260100	KIT P/EMPALME	1	6.00	0.2143	1.29
3363	79502260150	KIT DE EMPALME	1	1.00	0.2143	0.21
3364	79502260200	KIT PARA EMPALME	1	4.00	0.2143	0.86



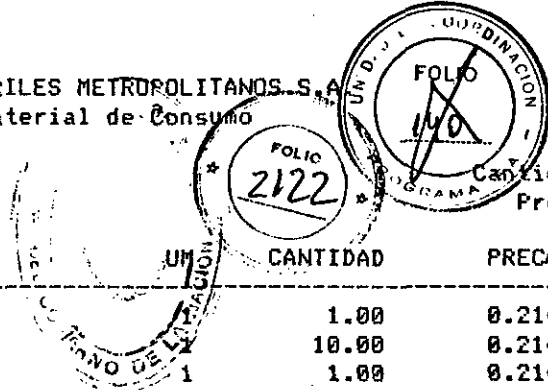
ANEXO

AD

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
3365	79502260250	KIT PARA EMPALME		1.00	0.2143	0.21
3366	79502260300	KIT PARA EMPALME		10.00	0.2143	2.14
3367	79502260350	KIT PARA EMPALME		1.00	0.2143	0.21
3368	79502260400		0	0.00	0.0000 +	0.00
3369	79502260450	KIT PARA EMPALME	1	5.00	0.2143	1.07
3370	79502260500	KIT PARA EMPALME	1	11.00	0.2143	2.36
3371	79502260550	KIT PARA EMPALME	1	1.00	0.2143	0.21
3372	79502260600	KIT PARA EMPALME	1	1.00	0.2143	0.21
3373	79502260650	KIT PARA EMPALME	1	9.00	0.2143	1.93
3374	79502260700	KIT P/EMPALME	1	3.00	0.2143	0.64
3375	79502260750		0	0.00	0.0000 +	0.00
3376	79502260800	KIT PARA EMPALME	1	1.00	0.2143	0.21
3377	79502260850	KIT PARA EMPALME	1	1.00	0.2143	0.21
3378	79502260900	KIT PARA EMPALME	1	10.00	0.2143	2.14
3379	79502261000	KIT P/EMPALME	1	0.00	0.2143	0.00
3380	79502261050	KIT P/EMPALME	1	14.00	0.2143	3.00
3381	79502261100	KIT P/EMPALME	1	8.00	0.2143	1.71
3382	79502270050	KIT P/EMPALME	1	0.00	0.2143	0.00
3383	79502270100	KIT P/EMPALME	1	4.00	0.2143	0.86
3384	79502270150		0	0.00	0.0000 +	0.00
3385	79502270200	KIT P/EMPALME	1	4.00	0.2143	0.86
3386	79502280010	KIT P/EMPALME	1	8.00	0.2143	1.71
3387	79502290010	KIT P/EMPALME	1	3.00	0.2143	0.64
3388	79502400050	KIT P/EMPALME	1	103.00	0.2143	22.07
3389	79502400100	CINTA DE EMPALME	1	33.00	0.2143	7.07
3390	79502400150	CINTA DE EMPALME	1	1.00	0.2143	0.21
3391	79502400200	MANGUITO	1	135.00	0.2143	28.93
3392	79502400250	MANGUITO	1	3.00	0.2143	0.64
3393	79502400260	MANGUITO	1	20000.00	0.2143	4286.00
3394	79502400300	CUBIERTA	1	186.00	0.2143	39.86
3395	79502400350	CUBIERTA	1	14.00	0.2143	3.00
3396	79502400400	CUBIERTA	1	1.00	0.2143	0.21
3397	79502400450	CUBIERTA	1	3.00	0.2143	0.64
3398	79502400500	CUBIERTA	1	1.00	0.2143	0.21
3399	79502400550	MEZCLA	1	3.00	0.2143	0.64
3400	79502400600	MEZCLA	1	3.00	0.2143	0.64
3401	79502400650	MEZCLA	1	10.00	0.2143	2.14
3402	79502400700	MEZCLA	1	10.00	0.2143	2.14
3403	79502400750	MEZCLA	1	3.00	0.2143	0.64
3404	79502400800	MEZCLA	1	1.00	0.2143	0.21
3405	79502400850	MEZCLA	1	11.00	0.2143	2.36
3406	79502400900	MEZCLA	1	10.00	0.2143	2.14
3407	79502401000	PARAFINA	1	2.00	0.2143	0.43
3408	79502401050	PARAFINA	1	1345.00	0.2143	288.23
3409	79502401100	SOLDADURA	1	3.00	0.2143	0.64
3410	79502401150	SOLDADURA	1	2.00	0.2143	0.43
3411	79502401200	SOLDADURA	1	4.00	0.2143	0.86
3412	79502401250	FLASTAN	1	1.00	0.2143	0.21
3413	79502401260	ENDURECEDOR	1	4.00	0.2143	0.86
3414	79502401300	BARRA	1	28.00	0.2143	6.00
3415	79502401350	SEPARADOR	1	16.00	0.2143	3.43
3416	79502401400	SEPARADOR	1	1.00	0.2143	0.21
3417	79502401450	TUBO	1	2.00	0.2143	0.43
3418	79502401500	POLVU	1	16.00	0.2143	3.43
3419	79502401550	EMBUDO	1	12.00	0.2143	2.57
3420	79502401600	CEPILLO	1	20.00	0.2143	4.29
3421	79502401650	CAJA	1	1.00	0.2143	0.21
3422	79502401700	CAJA	1	2.00	0.2143	0.43



ANEXO

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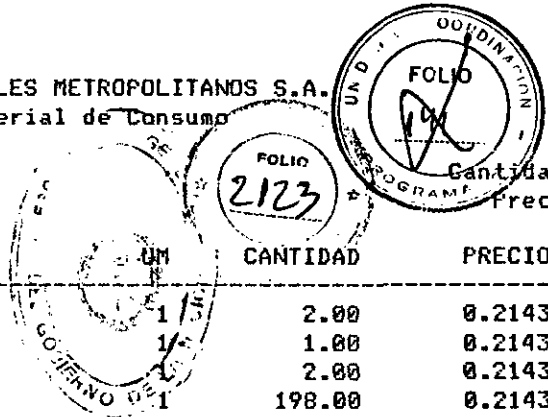
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 60

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



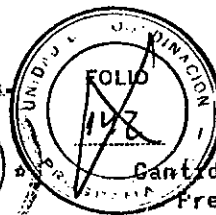
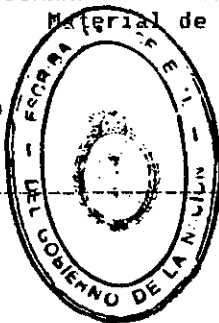
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO. MEX	IMPORTE
3423	79502401750	CAJA	1	2.00	0.2143	0.43
3424	79502401800	CAJA	1	1.00	0.2143	0.21
3425	79502401850	EQUIPO	1	2.00	0.2143	0.43
3426	79502401900	BARRAS	1	198.00	0.2143	42.43
3427	79601021000	CABLE	3	50.00	7.7591	397.96
3428	79601021100	CABLE	3	40.00	7.7591	310.36
3429	79601021150	CABLE	3	24.00	7.9054	189.73
3430	79601021200	CABLE	3	142.00	7.9054	1122.57
3431	79601021250	CABLE	3	411.30	7.9790	3281.76
3432	79601021300	CABLE	3	160.00	8.0080	1281.28
3433	79601100100	CABLE	3	5.00	8.4913	42.46
3434	79601100200	CABLE	3	30.60	8.4913	259.83
3435	79601100300	CABLE	3	11.00	8.6376	95.01
3436	79601100400	CABLE	3	43.00	8.6376	371.42
3437	79601100500	CABLE	3	33.00	8.7839	289.87
3438	79601100550	CABLE	3	0.89	8.9305	7.95
3439	79601100700	CABLE	3	28.00	9.0771	254.16
3440	79601100900	CABLE	3	14.10	9.2235	130.05
3441	79601101300	CABLE	3	59.00	9.3697	552.81
3442	79601120500	CABLE	3	21.00	10.2482	215.21
3443	79601150500	CABLE	3	86.00	10.3947	893.94
3444	79706050050		0	0.00	0.0000 +	0.00
3445	79706050100		0	0.00	0.0000 +	0.00
3446	79706050150		0	0.00	0.0000 +	0.00
3447	79706050200		0	0.00	0.0000 +	0.00
3448	79706050250		0	0.00	0.0000 +	0.00
3449	79706050300		0	0.00	0.0000 +	0.00
3450	79706060100	DESTORNILLADOR	1	1.00	0.1391 #	0.14
3451	79706060300		0	0.00	0.0000 +	0.00
3452	79800011000	MILIAMPERIMETRO	1	3.00	0.1391 #	0.42
3453	79800023100	AMPERIMETRO	1	5.00	0.1391 #	0.70
3454	79800023200	AMPERIMETRO	1	3.00	0.1391 #	0.42
3455	79801021200	VOLTIAMPERIMETRO	1	4.00	0.1391 #	0.56
3456	79801021300	VOLTIAMPERIMETRO	1	4.00	0.1391 #	0.56
3457	79802103100	VOLTIAMPERIMETRO	1	1.00	0.1391 #	0.14
3458	79802103200	VOLTIMILIAMPERIMETRO	1	1.00	0.1391 #	0.14
3459	79808013000	MEGHOMETRO	1	0.00	0.1391 #	0.00
3460	79809011000	FUENTE DE RESISTENCIA	1	2.00	0.1391 #	0.28
3461	79820011000	FRECUENCIOMETRO	1	1.00	0.1391 #	0.14
3462	79828010010	MILIHMETRO	1	1.00	0.1391 #	0.14
3463	79830010010	AJUSTADOR	1	1.00	0.1391 #	0.14
3464	79835010010	ANEMOMETRO	1	1.00	0.1391 #	0.14
3465	79837010010	PANEL REGISTRADOR	1	17.00	0.1391 #	2.36
3466	79838010010	PROBADOR	1	1.00	0.1391 #	0.14
3467	79840010010	MEDIDOR	1	5.00	0.1391 #	0.70
3468	79844010010	REGULADOR	1	4.00	0.1391 #	0.56
3469	79845010010		0	0.00	0.0000 +	0.00
3470	79850010020	BASE DE MADERA	1	2.00	0.1391 #	0.28
3471	79850010030	LAMPARA	1	24.00	0.1391 #	3.34
3472	79850010040	ELEMENTO PARA FILTRO	1	5.00	0.1391 #	0.70
3473	79850010050	ELEMENTO PARA FILTRO	1	5.00	0.1391 #	0.70
3474	79850010060	CONECTOR	1	1.00	0.1391 #	0.14
3475	79850010070	EMPAQUETADURA	1	10.00	0.1391 #	1.39
3476	79850010080	EMPAQUETADURA	1	5.00	0.1391 #	0.70
3477	79850010090	TUBO DE MEZCLA	1	1.00	0.1391 #	0.14
3478	79850010100	EXTRACTOR	1	1.00	0.1391 #	0.14
3479	79850010110	CONJUNTO DE TORNILLO	1	2.00	0.1391 #	0.28
3480	79850010120	CONJUNTO DE TORNILLO	1	2.00	0.1391 #	0.28

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Línea : 21 ROCA
 Almacén: 213404 REMEDIOS DE ESCALADA

Material de Consumo



Cantidades al: 31/08/94
 Precios al: 31/07/94

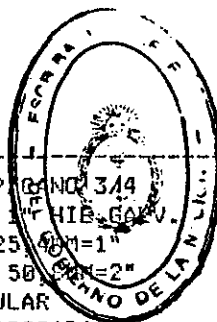
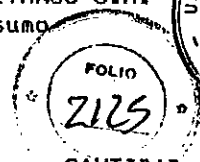
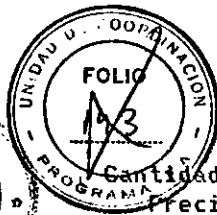
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3481	79850010130	CAJA METALICA	1	1.00	0.1391 #	0.14
3482	79850020010		0	0.00	0.0000 +	0.00
3483	79850020100	BASE DE MADERA	1	2.00	0.1391 #	0.28
3484	79850020150	LAMPARA	1	10.00	0.1391 #	1.39
3485	79850020200	CONECTOR	1	5.00	0.1391 #	0.70
3486	79850020250	CORDON DE PRUEBA	1	1.00	0.1391 #	0.14
3487	79850020300	CAJA METALICA	1	1.00	0.1391 #	0.14
3488	79850030010	EQUIPO DE VEIRF	1	1.00	0.1391 #	0.14
3489	79850040010	AFARATO SIMPLIF.	1	2.00	0.1391 #	0.28
3490	79850050010	BOBINA DE CARGA	1	15.00	0.1391 #	2.09
3491	79850050100	ABRAZADERA	1	1.00	0.1391 #	0.14
3492	79850050110	HERRAJE	1	4.00	0.1391 #	0.56
3493	79850050200	BOBINA	1	15.00	0.1391 #	2.09
3494	79850050300	BOBINA	1	20.00	0.1391 #	2.78
3495	79850050400	BOBINA	1	2.00	0.1391 #	0.28
3496	80683720700		1	0.00	0.0302	0.00
3497	80683720800		1	0.00	0.0302	0.00
3498	80770120200		3	0.00	12.9084	0.00
3499	80792012220		3	0.00	3.9747	0.00
3500	80792113550		1	0.00	1151.8944	0.00
3501	80792113560		1	0.00	689.5424	0.00
3502	80890210150	CANO DE 1/2'	3	0.00	1.5039	0.00
3503	80890210200	CANO DE ACERO DE 3/4'	3	0.00	1.9358	0.00
3504	80890210250	CANO DE ACERO DE 1'	3	0.00	5.5745	0.00
3505	80890210320	CANO DE ACERO	3	0.00	5.2838	0.00
3506	80890210500	CANO DE ACERO DE 2'	3	0.00	7.8466	0.00
3507	80890210800	CANO DE ACERO DE 3'	3	0.00	8.5223	0.00
3508	80891240790	BUJE RED.R.INT/EXT.3"X2"	1	0.00	8.4335	0.00
3509	80891350500		1	0.00	5.3546	0.00
3510	80891350800		1	0.00	16.2900	0.00
3511	80892430500	CUPLA DE 2" ROSCA INTERNA	1	0.00	4.3762	0.00
3512	80892430800	CUPLA DE 3" ROSCA INTERNA	1	0.00	11.0289	0.00
3513	80894230100	1	1	0.00	3.0079	0.00
3514	80895050800		1	0.00	6.8478	0.00
3515	80896130100	UNION DEBLE DE 3/8 PULGADA	1	0.00	3.0890	0.00
3516	80896130200	UNION DOBLE DE 3/4	1	0.00	3.5092	0.00
3517	80896130320	UNION DOBLE A.CONICO DE 1'1/4'	1	0.00	6.9508	0.00
3518	80896130500	UNION DOB.ASIEN.CONIC.DE 2"	1	0.00	10.0262	0.00
3519	80896130900	UNION DOB.ASIEN.CONIC.DE 3"	1	0.00	32.9114	0.00
3520	80910230160	CANO DIA.EXT.15,9mm. 5/8 pulg.	3	0.00	0.4630	0.00
3521	80910230220	CANO ACERO DIA.EXT.22,2mm.7/8p	3	0.00	0.7205	0.00
3522	80910230310	CANO ACERO DIA.EXT.31,7mm	3	0.00	1.0294	0.00
3523	80910910750	CANO CORRUGADO PLASTICO 1"	3	0.00	0.0000 +	0.00
3524	80910910770	CANO CORRUGADO PLASTICO 1 1/2'	3	0.00	0.0000 +	0.00
3525	80910910790	CANO CORRUGADO PLASTICO 2"	3	0.00	0.0000 +	0.00
3526	80912030190		1	0.00	0.8140	0.00
3527	80912030250	CODO P/CANOS	1	0.00	1.9118	0.00
3528	80913510190	TE DE INSPECCION DE 3/4"	1	0.00	0.1391 #	0.00
3529	80913830190	BOQUILL.ROSC.D.EXT.19MM=3/4"	1	0.00	1.2933	0.00
3530	80913830380	BOQUI.ROSC.D.EXT.38,1MM=1.1/2"	1	0.00	3.7999	0.00
3531	80913830510	BOQUILLA P/CANO 50,8 MM	1	0.00	0.1391 #	0.00
3532	80914110040	REDUCCION 1" A 3/4"	1	0.00	0.0000 +	0.00
3533	80914140160	TUERCAS P/CANO 5/8"	1	0.00	0.0000 +	0.00
3534	80914730120	TUERCAS P/CANO DE LUZ 1 1/2"	1	0.00	0.0000 +	0.00
3535	80914730310	CONT.TUERC.ROSC.D.EXT.31,7MM	1	0.00	1.0026	0.00
3536	80914730510	TUERCAS P/CANO 2"	1	0.00	0.0000 +	0.00
3537	80914731380	TUERCAS P/CANO 1 1/2"	1	0.00	0.0000 +	0.00
3538	80915130120	GRAMPAS OMEGA P/CANO 1/2"HOGO	1	0.00	0.0000 +	0.00

ANEXO

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



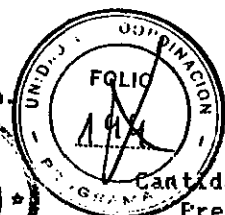
Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	M	CANTIDAD	PRECIO	IMPORTE
3539	80915130190	GRAMPA OMEGA 1/2" P/ CANO 3/4	1	0.00	5.2604	0.00
3540	80915130250	GRAM.OMEGA P/CANO 1"	1	0.00	0.1391 #	0.00
3541	80915230250	ABRAZADERA D.EXT.250MM=1"	1	0.00	0.2571	0.00
3542	80915230510	ABRAZADERA D.EXT. 500MM=2"	1	0.00	0.1391 #	0.00
3543	80916611160	CAJA ROSCADA CIRCULAR	1	0.00	0.1391 #	0.00
3544	80916612250	CAJA DE ALUMINIO ROSCADA	1	0.00	0.1391 #	0.00
3545	80916745190	CAJAS DE ALUMINIO 3/4"	1	0.00	0.0000 +	0.00
3546	80916747160	CAJAS DE ALUMINIO 5/8"	1	0.00	7.8663	0.00
3547	80970111800	CANO DE COBRE 65 MM.	4	0.00	0.0000 +	0.00
3548	80970111820	CANO COB S/COST DIAM 70X3,25MM	4	0.00	0.1391 #	0.00
3549	81213110010		1	0.00	26.2284	0.00
3550	81213710010		1	0.00	13.0985	0.00
3551	81220130010	ASIENTO P/INODORO	1	0.00	15.0394	0.00
3552	81221810010	INODORO DE PALANGANA A LA TUER	1	0.00	157.9684	0.00
3553	81222520020		1	0.00	53.3093	0.00
3554	81250420150	CANILLA CURVA P/ LAVATORIO	1	0.00	7.8986	0.00
3555	81251110500		1	0.00	22.7064	0.00
3556	81601414200		6	0.00	14.6842	0.00
3557	81601415150		6	0.00	29.9870	0.00
3558	81601415200		6	0.00	29.8634	0.00
3559	81601415250	PINO FARANA	6	0.00	30.0385	0.00
3560	81611415600		1	0.00	12.7691	0.00
3561	81611415650		1	0.00	10.7095	0.00
3562	81621811600		6	0.00	63.7900	0.00
3563	81634011330		6	0.00	0.0000 +	0.00
3564	81634013300	HARBORD	6	0.00	4.0105	0.00
3565	81970530400		1	0.00	9.4144	0.00
3566	81970530410		1	0.00	9.9582	0.00
3567	81970530420		1	0.00	11.7202	0.00
3568	82294710300	TELA ESMERIL GRAND 30 210MM.	1	0.00	0.5514	0.00
3569	82294710460	TELA ESMERIL GRAND 50-210x270	1	0.00	0.5514	0.00
3570	82294710540	TELA ESMERIL DE 210 x 270MM.	1	0.00	0.3322	0.00
3571	82295440010	PAPEL LIJA IMPERMEABLE G.80	1	0.00	0.3826	0.00
3572	82295440030	PAPEL LIJA G.120-230 x 280MM.	1	0.00	0.3826	0.00
3573	82295440060	PAPEL LIJA G.220 AL AGUA IMPER	1	0.00	0.4115	0.00
3574	82306322300		1	0.00	3.8262	0.00
3575	82311210200	ANTIINCRUSTANTE DEARBON	4	0.00	3.4590	0.00
3576	82331130170	POXIPOL	1	0.00	45.3103	0.00
3577	82336731100		4	0.00	6.8468	0.00
3578	82337130100	S/D	4	0.00	2.3700	0.00
3579	82452620400	SECADORES DE GOMA 270x65x18mm.	1	0.00	0.8505	0.00
3580	82452030050	LAMPAZO DE ALGODON	1	0.00	6.5448	0.00
3581	82453030050		1	0.00	0.3203	0.00
3582	82454320050	TRAFOS DE PISO DE 550x600MM.	1	0.00	0.9677	0.00
3583	82454520030		0	0.00	0.1391 #	0.00
3584	82454530050		1	0.00	20.3490	0.00
3585	82455010050	DETERGENTE LIQUIDO	1	0.00	0.5915	0.00
3586	82455310050	JAVON DE LAVAR EN PANES	1	0.00	0.3509	0.00
3587	82455340050	JAVON DE LAVAR EN POLVO-DE 1Kg	4	0.00	2.9076	0.00
3588	82455340250	JAVONES DE LAVAR POLVO DE 25Kg	4	0.00	0.9203	0.00
3589	82457910051		1	0.00	0.2506	0.00
3590	82470110010	ESTOPA BLANCA P/ LIMPIEZA	4	0.00	0.9060	0.00
3591	82475010010	TRAFOS BLANCOS DE 40 x 40 cms.	4	0.00	4.0056	0.00
3592	82475910010	TRAFOS DE ALGODON-FARDOS 50Kg.	4	0.00	2.4865	0.00
3593	82536530100		1	0.00	1.4627	0.00
3594	82601931000	HIDROXIDO EN POLVO LITIO CRIS.	4	0.00	14.0368	0.00
3595	82601950500	HIDROXIDO DE POTASIO	4	0.00	1.7690	0.00
3596	82601960550		4	0.00	4.4142	0.00

ANEXO

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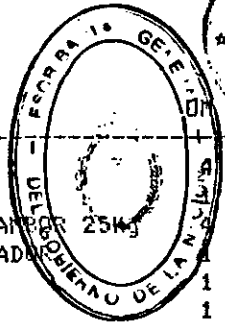
Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
3597	82603130100	SULFATO DE ALUMINIO	0.00	1.4206	0.00
3598	82603134500		0.00	0.6032	0.00
3599	82603540250	CARBURO DE CALCIO TAMBORES 25Kg	0.00	1.6443	0.00
3600	82609999990	DISPOSITIVO DOSIFICADO	44.00	250.6576	11028.93
3601	82722511280		1	28.8337	0.00
3602	82761140210	BOTA DE GOMA N 38	1	17.7465	0.00
3603	82761250420		1	39.8523	0.00
3604	82761250430		1	39.8523	0.00
3605	82761250440		1	39.8523	0.00
3606	82761250450		1	39.8523	0.00
3607	82761250460		1	39.8523	0.00
3608	82761250470		1	39.8523	0.00
3609	82761250480		1	39.8523	0.00
3610	82761340100	ZAPATOS Nro.37	1	32.8248	0.00
3611	82761340110	BOTINES DE SEGURIDAD N 38	1	21.1411	0.00
3612	82761340120	BOTINES DE SEGURIDAD N 39	1	21.1411	0.00
3613	82761340130	BOTINES DE SEGURIDAD N 40	1	21.1411	0.00
3614	82761340140	BOTINES DE SEGURIDAD N 41	1	21.1411	0.00
3615	82761340150	BOTIN DE SEG.N 42	1	21.1411	0.00
3616	82761340160	BOTIN DE SEG. N 43	1	21.1411	0.00
3617	82761340170	BOTINES DE SEGURIDAD N 44	1	21.1411	0.00
3618	82761340180	BOTIN DE SEG.N 45	1	21.1411	0.00
3619	82761340210	BOTIN USO GRAL NRO.48	1	20.5839	0.00
3620	82761342300	BOTIN USO ELECTRICISTA NRO 37	1	26.7330	0.00
3621	82761342310	BOTIN USO ELECTRICISTA NRO.38	1	24.7649	0.00
3622	82761342320	BOTIN DE SEGURIDAD	1	24.7649	0.00
3623	82761342330	BOTIN USO ELECTRICISTA NRO 40	1	21.0552	0.00
3624	82761342340	BOTIN DE SEGURIDAD	1	21.0552	0.00
3625	82761342350	BOTIN DE SEGURIDAD	1	24.7649	0.00
3626	82761342360	BOTINES SEGURIDAD NR 43	1	24.7649	0.00
3627	82761342370	BOTINES Nro44	1	24.7649	0.00
3628	82761342380	BOTINES Nro 45	1	21.0552	0.00
3629	82761342390	BOTIN USO ELECTRICISTA NRO 46	1	24.7649	0.00
3630	82761440460	ZAPATO USO CAMBISTA NRO.43	1	23.5000	0.00
3631	82761540160		1	80.3344	0.00
3632	82761920200	CINTURONES SEGURIDAD	1	87.5313	0.00
3633	82762510150	GUANTES DE VAQUETA	1	3.0890	0.00
3634	82762531000	GUANTES CUERO COMB.PUNO CORTO	1	2.5300	0.00
3635	82762531010	1	1	2.9377	0.00
3636	82767660010	CORREAS	1	0.0000 +	0.00
3637	82862110010		3	8.1601	0.00
3638	82900121250	MANGA DE CAUCHO-DIAM.INT.25mm.	3	7.3931	0.00
3639	82950123250	NEUMATICOS P/PICK-UP-6 TELAS	1	100.2630	0.00
3640	82950136200	NEUMATICOS 900x20-12 TELAS	1	280.7365	0.00
3641	82950136220	NEUMATICOS 900x20-14 TELAS	1	177.3107	0.00
3642	82951010000	CAMARA F/NEUMATICO 760X16	1	15.0394	0.00
3643	82951031200	CAMARA F/NEUMATICO 900 X 20	1	30.0789	0.00
3644	82959999990	CUBIERTAS	1	430.4490	0.00
3645	83140110110	TELA RECUB.CON PLAST.VINILICO	3	6.9181	0.00
3646	83140110120	TELA C/MARRON	3	6.9181	0.00
3647	83140210110	TELA COLOR MARRON RECUB.C/PLAS	3	6.9181	0.00
3648	83221020110		1	0.0000 +	0.00
3649	83221311700		1	6.9535	0.00
3650	83224430050		1	569.5821	0.00
3651	83231020050		1	0.0000 +	0.00
3652	83231510010		1	2273.2159	0.00
3653	83235020790		1	120.0000	0.00
3654	83235020000		1	0.0000 +	0.00

ANEXO



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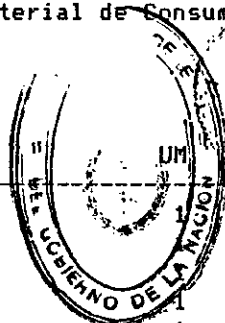
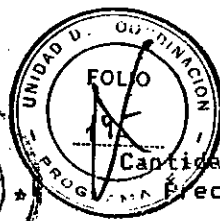
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 64

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA



FOLIO 2127

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE	
3655	83235020810			0.00	924.0000	0.00	
3656	83235020820			0.00	8661.2000	0.00	
3657	83235020830			0.00	40.0000	0.00	
3658	83235020840			0.00	263.5897	0.00	
3659	83235020860			0.00	612.0000	0.00	
3660	83235020870			0.00	194.2919	0.00	
3661	83235020880			0.00	153.3883	0.00	
3662	83235020890			0.00	102.2588	0.00	
3663	83235020900			0.00	158.5012	0.00	
3664	83235020910			0.00	2229.2446	0.00	
3665	83235020920			0.00	1071.6735	0.00	
3666	83235020940			0.00	1047.1728	0.00	
3667	83235020950			0.00	0.0000 +	0.00	
3668	83235020960			0.00	1892.9663	0.00	
3669	83235030120			0.00	71.0000	0.00	
3670	83297710200			0.00	9.7441	0.00	
3671	83374422330	PINTURA ANTIOXIDO CASTANO		5	0.00	8.2380	0.00
3672	83380211100	PINTURA DE LATEX COLOR BLANCO		5	0.00	2.7609	0.00
3673	83380211300	PINTURA LATEX		5	0.00	2.6587	0.00
3674	83386031420			1	0.00	27.8142	0.00
3675	83410110710	PINTURA ASFALTICA		4	0.00	0.6016	0.00
3676	83410111510	CONCRETO ASFALTICO		9	0.00	0.0000	0.00
3677	83420725080	PINTURAAA LATEX		5	0.00	3.9880	0.00
3678	83430111830			5	0.00	26.3384	0.00
3679	83430113090			5	0.00	26.3384	0.00
3680	83430114430			5	0.00	4.4877	0.00
3681	83430115630			5	0.00	4.4877	0.00
3682	83430311500	ESMALTE SINT.CREMA 04_1_030		5	0.00	4.3700	0.00
3683	83430312250			5	0.00	6.1293	0.00
3684	83430314100	ESMALTE SINTETICO GRIS N0028		5	0.00	5.4141	0.00
3685	83430314250	ESMALTE SINT. GRIS OSCURO		5	0.00	5.6222	0.00
3686	83430315550	ESMALTE SINTETICO NEGRO		5	0.00	6.4002	0.00
3687	83430315600	ESMALTE SINT. ALUMINIO PURO		5	0.00	5.0131	0.00
3688	83430513630			5	0.00	6.3400	0.00
3689	83430516220			5	0.00	13.4981	0.00
3690	83430518030	1		5	0.00	6.2377	0.00
3691	83430518040	SINTETICO BLANCO		5	0.00	20.7410	0.00
3692	83430518230			5	0.00	4.6016	0.00
3693	83450310040	BARNIZ SINTETICO P/MADERA 4L.		5	0.00	4.3459	0.00
3694	83450320040	BARNIZ SINT. P/INT.		5	0.00	2.5444	0.00
3695	83470540200	1		1	0.00	2.5564	0.00
3696	83470541400			1	0.00	2.5564	0.00
3697	83490510300	AGUARRAS MINERAL (LATAS 4 L.)		5	0.00	0.6700	0.00
3698	83490510400	AGUARRAS MINERAL		5	0.00	0.7319	0.00
3699	83491810200			5	0.00	3.0677	0.00
3700	83491810220			5	0.00	2.1474	0.00
3701	83500910010	PINCEL CHATO DE 12mm.		1	0.00	1.3722	0.00
3702	83500910070	PINCEL CHATO DE 76,2mm.		1	0.00	4.4817	0.00
3703	83501010030	PINC.CHATO P/TRAB.ORDINAR. 1"		1	0.00	0.0020	0.00
3704	83501010040			1	0.00	4.7203	0.00
3705	83501010050	1		1	0.00	5.9647	0.00
3706	83501240140			1	0.00	1.7268	0.00
3707	83501240180			1	0.00	1.1786	0.00
3708	83501240240			1	0.00	3.2676	0.00
3709	83900510180	GAS-OIL		5	0.00	0.1900	0.00
3710	83900520550	SOLVENTE STODDARD		5	0.00	0.5146	0.00
3711	83901010400	LENA SIN TROZAR TIPO CALEF.		9	0.00	154.8901	0.00
3712	83901010450	LAENA COMUN A GRANEL		4	0.00	150.0000	0.00

ANEXO

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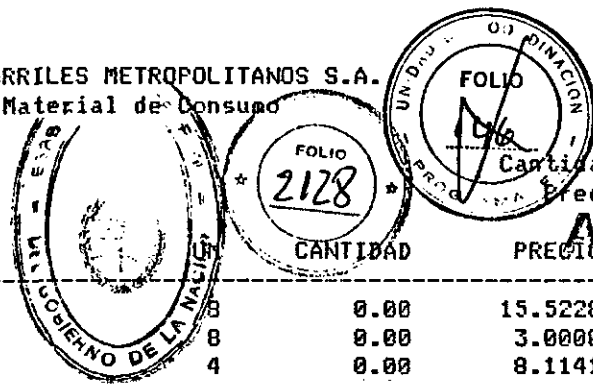
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 65

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	ANEXO	IMPORTE
3713	83951520030		3	0.00		15.5228
3714	83953020060	OXIGENO X 6	8	0.00		3.0000
3715	83953920660		4	0.00		8.1141
3716	83953930010		1	0.00		153.7494
3717	83970411000	ACEITE DE TRANSFORMADOR	5	0.00		1.0330
3718	83973611100	ACEITE NRO.412	5	0.00		1.6573
3719	83973661000		4	0.00		0.1391 #
3720	83973661100	ACEITE 412 SAE 40	5	0.00		1.3133
3721	83973711300	ACEITE 415	5	0.00		1.6474
3722	83973810050		5	0.00		2.1010
3723	83974610100		5	0.00		1.7790
3724	83975711050		4	0.00		0.1391 #
3725	83976111140		4	0.00		0.1391 #
3726	83976311200		4	0.00		8.9828
3727	83976316050		4	0.00		0.0000 +
3728	83977215500	GRASA TERMUS KG-2	4	0.00		55.2716
3729	84170510500	BENGALAS DE MANO ROJO 50X270MM	1	0.00		14.0368
3730	84171010100		1	0.00		0.5325
3731	84420510010	PRECINTO	1	0.00		0.4988
3732	84452010100	ACONDICIONADOR DE AIRE F/C	1	0.00		2429.4219
3733	84452060010		1	0.00		119.5829
3734	84452060060		1	0.00		572.2798
3735	84452060070		1	0.00		1099.4318
3736	84452060080		1	0.00		298.9573
3737	84452120020		1	0.00		8.1071
3738	84452210010		1	0.00		52.4699
3739	85000520520	ESTANO ALAMBRICO	4	0.00		28.6324
3740	85020120110	ELECTRODOS TIPO 4313 2.5 MM	4	0.00		4.4278
3741	85020120130	ELECTRODOS SERIE 60 3X1/8"	4	0.00		2.7270
3742	85020120140	ELECTRODOS TIP.E4313 4MMX5/32"	4	0.00		2.7205
3743	85020340030	ELECTRODOS DE 3MM	4	0.00		3.8098
3744	85026610110		4	0.00		7.1052
3745	85290520500	FICHA BAQUELITA 10A 250W	1	0.00		0.5623
3746	85291131800		1	0.00		2.5709
3747	85297520350		1	0.00		18.2337
3748	85297521000		1	0.00		68.1947
3749	85297529600		1	0.00		25.4041
3750	85297710200	INTERRUPTOR AUTOM. 10A	1	0.00		6.8581
3751	85297717030		1	0.00		3.6817
3752	85297717050		1	0.00		3.7019
3753	85297717070	INTERR.TERMOMAG.UNIP.15A	1	0.00		3.6941
3754	85297717100		1	0.00		3.7019
3755	85297717130		1	0.00		3.7019
3756	85297717150	INTERR.TERMOMAG.UNIP.16A	1	0.00		3.9622
3757	85297717430		1	0.00		8.1176
3758	85297717450		1	0.00		8.0729
3759	85297717480		1	0.00		8.0729
3760	85297717500		1	0.00		8.0729
3761	85297717530	INTERR.TERMOMAGN.BIP.32A	1	0.00		8.1176
3762	85297717570		1	0.00		16.9071
3763	85297717600		1	0.00		17.9972
3764	85297717730		1	0.00		13.4002
3765	85297717750	INTERR.TERMOMAGN.TRIP.16A	1	0.00		13.4740
3766	85297717780		1	0.00		13.4002
3767	85297717800	INTERR.TERMOMAGN.TRIP.25A	1	0.00		13.4740
3768	85297717830	INTERR.TERMOMAGN.TRIP.32A	1	0.00		13.9407
3769	85297717930	INTERR.TERMOMAGN.TRIP.50A	1	0.00		25.9247
3770	85297717950		1	0.00		28.3651

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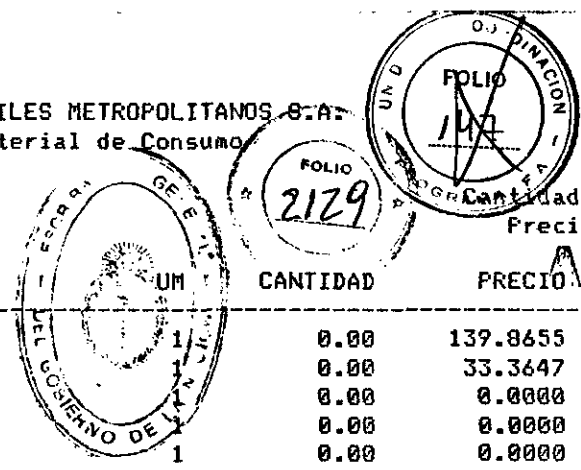
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 66

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
3771	85298320010		1	0.00	139.8655	0.00
3772	85298340200		1	0.00	33.3647	0.00
3773	85298412260		1	0.00	0.0000 +	0.00
3774	85298412280		1	0.00	0.0000 *	0.00
3775	85298412300		1	0.00	0.0000 *	0.00
3776	85298412320		1	0.00	0.0000 *	0.00
3777	85298412340		1	0.00	0.0000 +	0.00
3778	85298412360		1	0.00	0.0000 +	0.00
3779	85298412380		1	0.00	0.0000 +	0.00
3780	85298412400		1	0.00	0.0000 +	0.00
3781	85298412420		1	0.00	0.0000 +	0.00
3782	85298412440		1	0.00	0.0000 +	0.00
3783	85298412460		1	0.00	0.0000 +	0.00
3784	85298412480		1	0.00	0.0000 +	0.00
3785	85298412500		1	0.00	0.0000 +	0.00
3786	85298412520		1	0.00	0.0000 +	0.00
3787	85299020140		1	0.00	53.1746	0.00
3788	85299020160		1	0.00	53.1746	0.00
3789	85299020180		1	0.00	53.1746	0.00
3790	85299020200		1	0.00	53.1746	0.00
3791	85299020220		1	0.00	53.1746	0.00
3792	85299020240		1	0.00	53.1746	0.00
3793	85299020260		1	0.00	53.1746	0.00
3794	85299020280		1	0.00	53.1746	0.00
3795	85299020300		1	0.00	53.1746	0.00
3796	85299020320		1	0.00	55.0868	0.00
3797	85299020340		1	0.00	56.4468	0.00
3798	85299020360		1	0.00	58.1852	0.00
3799	85299020380		1	0.00	122.7106	0.00
3800	85299020400		1	0.00	122.7106	0.00
3801	85299020420		1	0.00	140.0947	0.00
3802	85299020440		1	0.00	147.2732	0.00
3803	85299020500		1	0.00	37.0231	0.00
3804	85300710500	CABLE DE ALUM. 19X1.85-50 MM2	3	2560.00	0.0000 +	0.00
3805	85300710700	CABLE DE ALUM.19X2.15 - 70 MM2	3	3810.00	0.0000 +	0.00
3806	85300711200	CABLE DE ALUM.37X2.52 -185 MM2	3	5372.00	0.0000 +	0.00
3807	85300712400	CABLE DE ALUMINIO 240 MM2	3	4033.00	0.0000 +	0.00
3808	85300810500	CABLE ALUM./ACERO 50/8 MM2	3	3800.00	0.0000 +	0.00
3809	85301310040	ALAMBRE COBRE P/AEREAS 0,85MM	3	0.00	0.7241	0.00
3810	85301310060	CABLE COBRE P/L/AEREAS 1,05MM	3	0.00	1.0964	0.00
3811	85302224450		3	0.00	1.2545	0.00
3812	85302620600		3	0.00	2.8632	0.00
3813	85302920100		3	0.00	0.3169	0.00
3814	85305111500	CABLE SUBTER. COBRE 3X35 MM2	3	403.00	0.0000 +	0.00
3815	85305210750	CABLE SUBTER.COBRE 1 X 185 MM2	3	137.00	0.0000 +	0.00
3816	85305210900	CABLE SUBTER.COBRE 1 X 400 MM2	3	306.00	0.0000 +	0.00
3817	85305710500	CABLE SUBTER.COBRE 1 X 35 MM2	3	483.00	0.0000 +	0.00
3818	85307010500	CABLE COBRE PVC P/L/AER.1,05MM	3	0.00	1.5839	0.00
3819	85307350110		1	0.00	119.7483	0.00
3820	85307520520	CABLE COBRE DIAM.0,30MM.ROJO	3	0.00	0.1100	0.00
3821	85307520600	CABLE COBRE DIAM.0,35MM.NEGRO	3	0.00	0.4700	0.00
3822	85307520700	CABLE COBRE DIAM.0,40MM.NEGRO	3	0.00	0.2206	0.00
3823	85307520720	CABLE COBRE DIAM.0,40MM.ROJO	3	0.00	0.2453	0.00
3824	85307520800	CABLE COBRE DIAM.0,40MM.NEGRO	3	0.00	0.1571	0.00
3825	85307521000	CABLE COBRE P/380V.COLOR NEGRO	3	0.00	0.2700	0.00
3826	85307521200	CABLE COBRE AISLAD/PVCO,0,40MM	3	0.00	0.4374	0.00
3827	85307521640	CABLE COB.AIS/PVC UNIP.0.60MM	3	500.00	1.3635	681.75
3828	85308210560	CABLE DE COBRE 20mm.	3	0.00	1.3014	0.00

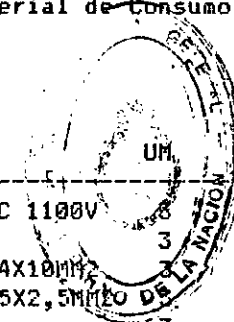
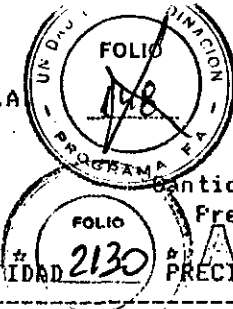
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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

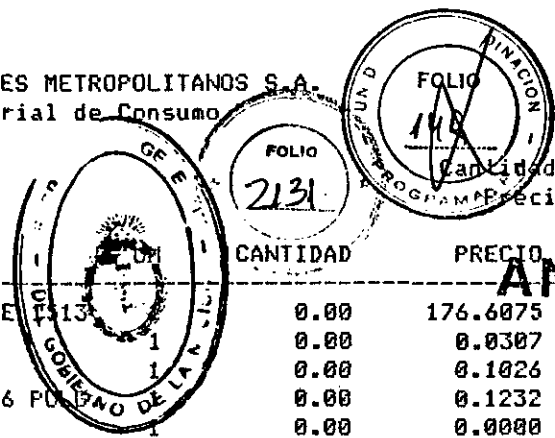
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3829	85308210570	CABLE COBRE AISLADO PVC 1100V	3	0.00	1.6683	0.00
3830	85308210580	SINTENAX 2 X 10 MM.	3	0.00	2.3662	0.00
3831	85308212080	CAB.COBR.SUBT.AISL.PVC 4X10MM	3	0.00	3.5733	0.00
3832	85308212540	CAB.COBR.SUBT.AISL.PVC 5X2,5MM	3	0.00	6.4023	0.00
3833	85308213540	SINTENAX 8 X 25 MM.	3	0.00	0.0000 +	0.00
3834	85308214040	CAB.COBR.SUBT.AISL.PVC 10X2,5MM	3	0.00	2.5865	0.00
3835	85308299990		0	0.00	1.4829	0.00
3836	85308420330	ALAMB COBRE ESMALT. 0,200MM	4	0.00	10.6479	0.00
3837	85308420370	ALAM.COBR.ESMALTADO 0,250MM	4	0.00	10.6479	0.00
3838	85308420400	ALAMBRE COBRE ESMALTADO 0,300MM	4	0.00	10.6479	0.00
3839	85308420430	ALAMBRE COBRE ESMALT.0,355MM	4	0.00	10.6479	0.00
3840	85308420450	ALAMBRE COBRE ESMALT.0.400MM	4	0.00	10.6479	0.00
3841	85308420470	ALAMBRE3 COBRE ESMALT.0.450MM	4	0.00	10.6479	0.00
3842	85308420490	ALAMBRE COBRE ESMALT.0.500MM	4	0.00	6.1395	0.00
3843	85308420510	ALAMBRE COBRE ESMALT.0.560MM	4	0.00	6.6024	0.00
3844	85308420520	ALAMBRE COBRE ESMALT.0,600MM	4	0.00	10.6479	0.00
3845	85308420540	ALAMBRE DE COBRE DIAM.0,670MM.	4	0.00	6.5920	0.00
3846	85308420550	ALAMBRE DE COBRE DIAM.0,710MM.	4	0.00	6.5715	0.00
3847	85308420560	ALAMBRE DE COBRE DIAM.0,750MM.	4	0.00	6.5715	0.00
3848	85308420570	ALAMBRE COBRE DIAM.0,800MM.	4	0.00	10.6479	0.00
3849	85308420580	ALAMBRE COBRE DIAM.0,850MM.	4	0.00	6.4584	0.00
3850	85308420590	ALAMBRE COBRE DIAM.0,900MM.	4	0.00	10.6479	0.00
3851	85308420600	ALAMBRE COBRE DIAM.0.950MM.	4	0.00	8.5223	0.00
3852	85308420610	ALAMBRE COBRE DIAM.1,000MM.	4	0.00	8.5223	0.00
3853	85308420620	ALAMBRE COBRE DIAM.1,120	4	0.00	8.5223	0.00
3854	85308420630	ALAMBRE COBRE RECOCIDO 1,120MM	4	0.00	6.3349	0.00
3855	85308420640	ALAMBRE COBRE DIAM.1,150MM.	4	0.00	6.3144	0.00
3856	85308420650	ALAMBRE COBRE DIAM.1,180MM.	4	0.00	6.2835	0.00
3857	85308420660	ALAMBRE COBRE DIAM.1,250MM.	4	0.00	8.5223	0.00
3858	85308420670	ALAMBRA COBRE DIAM.1,3210	4	0.00	6.2219	0.00
3859	85308420680	ALAMBRE COBRE DIAM.1,350MM.	4	0.00	6.2219	0.00
3860	85308420690	ALAM.COBR.ESMALT.P/BOB.1,400MM	4	0.00	6.1806	0.00
3861	85308420700	ALAM.COBR.ESMALT.P/BOB.1,450MM	4	0.00	6.1806	0.00
3862	85308420710	ALAM COB ESMAL.P/BOB 1,500 MM	4	0.00	8.5223	0.00
3863	85308420720	ALAMBRE ESMALTADO SINT.1,55MM	4	0.00	6.1806	0.00
3864	85308420730	ALAM.COBR.ESMAL-P/BOB.1,600 MM	4	0.00	6.1395	0.00
3865	85308420750	ALAM.COBR.ESMAL.P/BOB.1,700MM	4	0.00	8.5223	0.00
3866	85308420770	ALAMBRE ESMALTADO SINT.1,80MM	4	0.00	6.3349	0.00
3867	85308420790	ALAMBRE ESMALTADO SINT.1,90MM	4	0.00	6.2835	0.00
3868	85308420800		3	0.00	0.0000 *	0.00
3869	85308420810	ALAMBRE ASMALTADO SINT.2,00MM	4	0.00	6.2424	0.00
3870	85308530930	ALAMBRE 2 C/ALGODON DIAM.3	4	0.00	0.0000 +	0.00
3871	85309999990		3	0.00	3.6039	0.00
3872	85310211550	FUSIBLE DIAZED 30A	1	0.00	0.4511	0.00
3873	85310610050	TAPA P/FUSIBLE 25A	1	0.00	1.8790	0.00
3874	85310620300	TAPA P/CARTUCHO INT.30 A 60AMP	1	0.00	0.8580	0.00
3875	85310620350	TAPA P/CARTUCHO INTENS.60 AMP.	1	0.00	1.2821	0.00
3876	85310630300	TAPA P/CARTUCHO INT.80 A 100AM	1	0.00	7.0183	0.00
3877	85311210250	BASE P/CARTUCHO INT.25AMP.500V	1	0.00	2.3679	0.00
3878	85311220600	INTERCEPTOR C/CARTUCHO INT.30A	1	0.00	3.4847	0.00
3879	85311231000	INTERCEPTORES DE 100 Amp.	1	0.00	10.9096	0.00
3880	85312420100		1	0.00	0.9768	0.00
3881	85312420150		1	0.00	2.0258	0.00
3882	85312820300	ALAM.COBR.P/FUSIBLES 0,30MM	4	0.00	24.6740	0.00
3883	85313520600	CARTUCHO FUSIBLE 80A 250V	1	0.00	9.4608	0.00
3884	85313520770	CARTUCHO FUSIBLE 150A	1	0.00	15.0494	0.00
3885	85313520850	CARTUCHO FUSIBLE 400A 250V	1	0.00	27.2190	0.00
3886	85313710050		1	0.00	18.0313	0.00



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Línea : 21 ROCA
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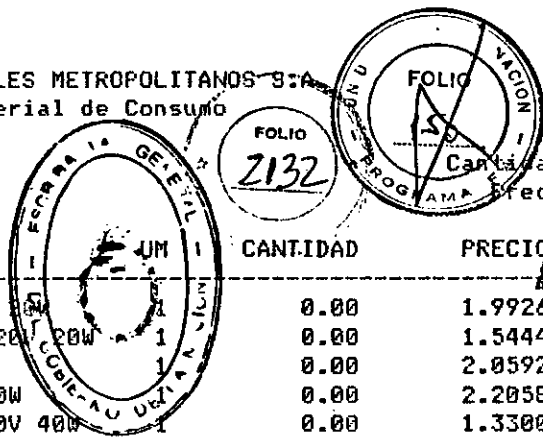
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3887	85317350150	TERMINAL P/13,2KV TIPO E	0.00	176.6075	0.00
3888	85317420020	TERMINAL P/INDENTAR	0.00	0.0307	0.00
3889	85317420100	TERMINAL P/INDENTAR	0.00	0.1026	0.00
3890	85317420160	TERMINAL P/INDENTAR 8/16 PULG.	0.00	0.1232	0.00
3891	85317420520	TERMINAL	0.00	0.0000 +	0.00
3892	85317420550	TERMINAL 55MM	0.00	0.0701	0.00
3893	85317420950	TERMINAL P/INDENTAR 1/2 PULG.	0.00	2.3513	0.00
3894	85317421200	TERMINAL P/INDENTAR 1/2 PULGAD.	0.00	3.3891	0.00
3895	85317421500	TERMINAL P/INDENTAR 1/2 PULG	0.00	6.0827	0.00
3896	85317422400	TERMINAL 240 MM.	0.00	0.0000 +	0.00
3897	85317423100	TERMINAL 2,5 MM	0.00	0.0000 +	0.00
3898	85317465060	TERMINAL 185 MM.	0.00	0.0000 +	0.00
3899	85317510300	UNIONES 16 MM2	0.00	0.1814	0.00
3900	85317630020	TERMINAL	0.00	0.1391 #	0.00
3901	85317770450	TERMINAL T/LAZO	0.00	0.0000 +	0.00
3902	85318610200	ARRANCADOR 20 W.	0.00	0.5146	0.00
3903	85318610400	ARRANCADOR 40W 200V	0.00	0.2800	0.00
3904	85318630400		0.00	0.4013	0.00
3905	85318711250	BOB.REACTANCIA 125W 220V	0.00	16.4763	0.00
3906	85318711400	BOBINA REACTANCIA 250W 220V	0.00	25.2968	0.00
3907	85318711600		0.00	149.3181	0.00
3908	85318719999	BALASTOS INTERIOR 250 W	0.00	0.0000 +	0.00
3909	85318720500	BOBINA REACTANCIA 125W 220V	0.00	13.9738	0.00
3910	85318720600	BOBINA REACTANCIA 250W 220V	0.00	21.3060	0.00
3911	85318720700	BOBINA P/REACT.400W 220V	0.00	30.8933	0.00
3912	85318721000		0.00	110.7472	0.00
3913	85318820700		0.00	24.7346	0.00
3914	85318835400	BALASTO 400W SOLIO	0.00	57.1499	0.00
3915	85318910400	BOBINA P/REACTANCIA 40W 220V	0.00	2.6000	0.00
3916	85318911100	BOBINA P/REACTANCIA 105W 220V	0.00	27.9937	0.00
3917	85319011000	CAPACITOR 220V 50HZ 125W	0.00	4.9295	0.00
3918	85319011300	CAPACITOR 12,5 M.F.	0.00	3.2985	0.00
3919	85319011600	CAPACITOR 220V 50HZ 250W	0.00	3.8153	0.00
3920	85319012500	CAPACITOR 220V 50HZ 400W	0.00	7.8159	0.00
3921	85319015000	CAPACITOR	0.00	18.6429	0.00
3922	85319415050		0.00	5762.4714	0.00
3923	85319415060		0.00	0.0000 +	0.00
3924	85319750100		0.00	18.8447	0.00
3925	85320243850	LAMPARA ELECT.75V.25W.	0.00	2.7872	0.00
3926	85320260040	LAMPARA ELECT.24V.20W.	0.00	0.9800	0.00
3927	85320340410	LAMPARA ELECT.230V.100W.E-27.	0.00	0.8046	0.00
3928	85320343310	LAMPARA 75 W 220 V	0.00	1.0026	0.00
3929	85320343410	LAMP/AMP/FOR/PERA 220V 100W	0.00	0.8256	0.00
3930	85320343510	LAMP. DE 220 V X 150 W	0.00	0.7719	0.00
3931	85320343600	LAMP/AMP/FOR/PERA 220V 200W	0.00	1.0026	0.00
3932	85320343900	LAMP COLOR CLARO 250V 200W	0.00	1.0294	0.00
3933	85320349700	LAMPARA DE 24x40	0.00	6.4426	0.00
3934	85320350170	LAMP/AMP/FOR/PERA 230V 300W	0.00	3.5212	0.00
3935	85323540120	LAMP/VAP.MERCURIO 220V 125W	0.00	5.0663	0.00
3936	85323550250	LAMP.MERCURIO 220V 250W	0.00	8.0844	0.00
3937	85323551100	LAMP/MERC/AMP/BALON 220V1000W	0.00	260.6033	0.00
3938	85323552400	LAMP.VAPOR Hg.HALOG.400W	0.00	47.8845	0.00
3939	85323558000		0.00	210.8268	0.00
3940	85323640160	LAMP/MERCURIO A LINEA 220V160W	0.00	7.5197	0.00
3941	85323640250	LAMP/MERC/DIR/LINEA 220V 250W	0.00	9.0237	0.00
3942	85324000200		0.00	2.4713	0.00
3943	85324520100	FILAMENTO TUBULAR FLUORESCENTE	0.00	2.0331	0.00
3944	85324520200	TUBO FLUORESCENTE 15W.110V.	0.00	0.0000 +	0.00

ANEXO

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA



FOLIO
2132

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
3945	85324610100	TUBO FLUORESCENTE 220V	UM	0.00	1.9926	0.00
3946	85324620100	LAMP TUBU.LUZ DE DIA 220V	UM	0.00	1.5444	0.00
3947	85324720100	TUBOS 30 W	UM	0.00	2.0592	0.00
3948	85324810100	LAMP/TUB.BLANCO 220V 40W	UM	0.00	2.2058	0.00
3949	85324820100	LAMP/TUB.LUZ DE DIA 220V 40W	UM	0.00	1.3300	0.00
3950	85324920750	LAMP/TUB.LUZ DE DIA 100W 220V	UM	0.00	7.6488	0.00
3951	85325111650		UM	0.00	4.1703	0.00
3952	85325820830	LAMP/TUBULAR 115V 10W	UM	0.00	3.3387	0.00
3953	85326810050	LAMP/F/VEHIC.AUTOMOT.24V 6W	UM	0.00	0.3007	0.00
3954	85326960200	LAMPARAS P/AUTO 24 V.20 W.	UM	0.00	3.6040	0.00
3955	85328570500	UNIDAD SELLADA 30V 200W	UM	0.00	32.8662	0.00
3956	85330511100	P/LAMPARAS P/CAND DE 19MM.	UM	0.00	8.5679	0.00
3957	85330520350	P/LAMPARAS ROSCA E-27, S/LLAVE	UM	0.00	0.7668	0.00
3958	85331290200		UM	0.00	2.4030	0.00
3959	85332010200		UM	0.00	0.3475	0.00
3960	85332010300	PORTALAMP/P/TUB/FLUO/105W220V	UM	0.00	1.2354	0.00
3961	85332010500	PORTALAMP/P/T/FLUORES.MARFIL	UM	0.00	1.0339	0.00
3962	85332020100		UM	0.00	1.2428	0.00
3963	85332020200	PORTALAMP COMBINADO POERT/ARRAN	UM	0.00	0.6748	0.00
3964	85332530900	CLOBO DE VIDRIO	UM	0.00	0.1391 #	0.00
3965	85332540010		UM	0.00	62.8891	0.00
3966	85334541750		UM	0.00	144.9724	0.00
3967	85334750100		UM	0.00	186.9053	0.00
3968	85335510010		UM	0.00	135.9310	0.00
3969	85335510050	LINTERNA 2 ELEMENTOS 1,5V	UM	0.00	15.4888	0.00
3970	85335510150	LINTERNA DE 3 ELEMENTOS	UM	0.00	19.1304	0.00
3971	85341210600		UM	0.00	99.8887	0.00
3972	85370512400		UM	0.00	124.5671	0.00
3973	85370520750	PORTALAMPARAS	UM	0.00	0.0000 +	0.00
3974	85391539990		UM	0.00	11.3749	0.00
3975	85410110100	PILAS SECAS	UM	0.00	0.2622	0.00
3976	85420110200		UM	0.00	0.5112	0.00
3977	85423040900		UM	0.00	42.6191	0.00
3978	85423051000	BATERIAS 12V P/AUOMOT.	UM	0.00	118.6069	0.00
3979	85427010010	TERMINAL POSITIVO	UM	0.00	1.3784	0.00
3980	85427010100		UM	0.00	95.1414	0.00
3981	85427020010	TERMINAL NEGATIVO	UM	0.00	1.3784	0.00
3982	85615052200	CINTA AIS/TEX/BARNIZADA 33MTS	UM	0.00	10.2726	0.00
3983	85615052900	CINTA/AIS/TEX/BAR/AMARILLA 33M	UM	0.00	15.9239	0.00
3984	85615310100	CINTA AISLADORA	UM	0.00	1.3883	0.00
3985	85615320110	CINTA AISL.COL/NEGRO DE 20M.	UM	0.00	1.8340	0.00
3986	85615320400	CINTA AISL.COL/AMARIL.DE 20MTS	UM	0.00	0.9255	0.00
3987	85615320500	CINTA AISLADORA AZUL	UM	0.00	0.9255	0.00
3988	85615410230	CINTA AISL.DE 15MM.X 0,18MM.	UM	0.00	59.0224	0.00
3989	85615410320	CINTA AISL.20MM.X 0,12MM.50MTs	UM	0.00	41.0399	0.00
3990	85615410420	CINTA AISL.DE 25MM.X 0.12MM.	UM	0.00	31.9231	0.00
3991	85615410550	CINTA DE VIDRIO 35 MM.	UM	0.00	0.0000 +	0.00
3992	85616020100	TELA AISSL."EMPIRE"0,13 ESPESO	UM	0.00	0.0000 +	0.00
3993	85616030100		UM	0.00	2.8632	0.00
3994	85616433000	TUBO AISLANTE DE PVC 30 MM.INT	UM	0.00	5.2313	0.00
3995	85616433710	TUBO AISLANTE	UM	0.00	0.1391 #	0.00
3996	85616436620	SPACHETI	UM	0.00	0.1391 #	0.00
3997	85750121070	EMPAQUETADURA DE AMIANTO	UM	0.00	48.4287	0.00
3998	85833021000		UM	0.00	12.7176	0.00
3999	85833510010		UM	0.00	6.1887	0.00
4000	85833510020		UM	0.00	13.7989	0.00
4001	86005410790	CABO DE MADERA	UM	0.00	18.5357	0.00
4002	86005411050	MANGO P/CEPILLOS Y ESCORILLONE	UM	0.00	2.5228	0.00

ANEXO

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

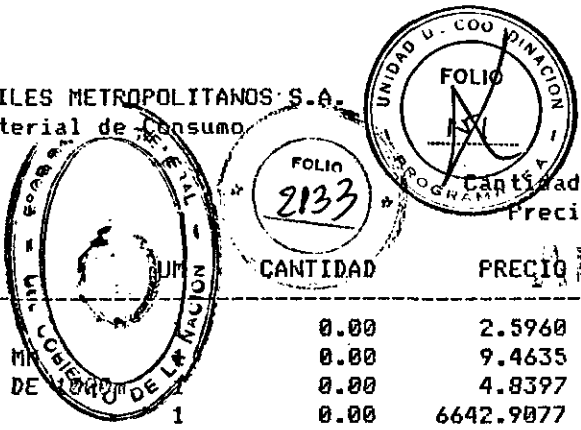
Página: 70

Línea : 21 ROCA

Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94

Precios al: 31/07/94



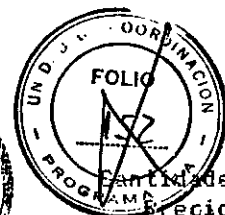
NUMERO	NUM	DESCRIPCION	CANTIDAD	PRECIO	ANEXO	MONTO
4003	86005411060	MANGO P/CEPILLO	0.00	2.5960		0.00
4004	86005415900	CABO MARTILLO VIA 755 MM	0.00	9.4635		0.00
4005	86005418050	CABO DE MADERA P/PICO DE	0.00	4.8397		0.00
4006	86007621000		1	6642.9077		0.00
4007	86007621020		1	4915.8654		0.00
4008	86007621040		1	142.1177		0.00
4009	86007621060		1	55.5141		0.00
4010	86007621080		1	0.00	13023.4131	0.00
4011	86007621100		1	0.00	37.4607	0.00
4012	86007621120		1	0.00	236.2288	0.00
4013	86007621140		1	0.00	1174.4289	0.00
4014	86007621160		1	0.00	470.5757	0.00
4015	86007621180		1	0.00	172.0552	0.00
4016	86007621200		1	0.00	985.4663	0.00
4017	86007621220		1	0.00	468.6833	0.00
4018	86007621240		1	0.00	86.2023	0.00
4019	86007621260		1	0.00	67.8347	0.00
4020	86007621280		1	0.00	137.4360	0.00
4021	86007621300		1	0.00	393.0942	0.00
4022	86007621320		1	0.00	6900.1679	0.00
4023	86007621340		1	0.00	2970.8693	0.00
4024	86351910200	ESPUMA EN PLANCHA	6	0.00	1.0294	0.00
4025	86351911000	ESPUMA PLAS.EN PLANCHA 100MM	6	0.00	5.1486	0.00
4026	86353310050		3	0.00	0.0000 +	0.00
4027	86392324800	BROCA VASTAGO DE 23,50 MM.	1	0.00	91.1356	0.00
4028	86392325950	BROCA DE 28,6	1	0.00	131.5029	0.00
4029	86393413830	MECHA P/TALAD.MANO DIAM 17,50	1	0.00	4.5118	0.00
4030	86393413950	MECHA P/TALAD.MANO DIAM.19,05M	1	0.00	5.0131	0.00
4031	86535033010		1	0.00	0.4905	0.00
4032	86538023800		1	0.00	13.0779	0.00
4033	86550116710		1	0.00	213.1187	0.00
4034	86550513820	RODAMIENTO 6202 Z	1	0.00	2.7340	0.00
4035	86550514130	RODAMIENTO 6203 ZZ	1	0.00	5.0131	0.00
4036	86550514980	RODAMIENTO 6208-ZN-SKF	1	0.00	97.7220	0.00
4037	86550515340	RODAMIENTO 6304	1	0.00	6.5182	0.00
4038	86550516360	RODAMIENTO 6306 Z SKF	1	0.00	7.7768	0.00
4039	86550516690	ROD.1HIL.BOLAS 45X100X25MM+	1	0.00	33.7863	0.00
4040	86550516710	RODAMIENTO	1	0.00	43.5972	0.00
4041	86550517200	RODAMIENTO 6312 2RS SKF	1	0.00	241.3996	0.00
4042	86550517900	ROD.1HIL.BOLAS 90X190X43 MM.N	1	0.00	72.3993	0.00
4043	86550523080	ROD.1HIL.2.3/4X4.1/8X11/16"	1	0.00	140.2003	0.00
4044	86552214500	RODAMIENTO EQ. SKF NU326EMC4	1	0.00	679.7835	0.00
4045	86552314520	ROD.TRAC.COL.100X215X47 MM	1	0.00	529.3889	0.00
4046	86552521090	R.1H.ROD.C.1.1/8X2.13/16X13/16	1	0.00	59.1652	0.00
4047	86553114340	RODAMIENTO SKF 22326 CK.C3	1	0.00	649.7046	0.00
4048	87052570020		1	0.00	352.4139	0.00
4049	87052571010		1	0.00	0.1510	0.00
4050	87053874050		1	0.00	1677.0464	0.00
4051	87370530050		1	0.00	1424.0417	0.00
4052	87805910010		1	0.00	2852.4988	0.00
4053	87805990010		1	0.00	175.0628	0.00
4054	87805990020		1	0.00	229.6413	0.00
4055	87809999990	BOMBA HIDRAULICA AT; 32208	1	0.00	1797.2931	0.00
4056	88006510050		1	0.00	213.3031	0.00
4057	88001010060	ANEXO DE DOCUMENTOS	1	0.00	0.0268	0.00
4058	88003010010		1	0.00	2607.6027	0.00
4059	88911615220	PORTAHERRAMIENTA	1	0.00	375.6839	0.00
4060	88911615290	ROMPE VIRUTA	1	0.00	13.9365	0.00

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 71

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
4061	88911615360	INSERTOS P/PORTA HERRAMIENTA	0.00	27.1549	0.00
4062	88911619990	CASSETES	0.00	250.1156	0.00
4063	88919910230	CASSETTES	1	213.7211	0.00
4064	88919913270		1	30.8526	0.00
4065	88919913350		1	9.2032	0.00
4066	88919913400		1	27.3559	0.00
4067	88919913650		1	32.9094	0.00
4068	88919920210		1	213.7211	0.00
4069	88944930010		1	0.0000 +	0.00
4070	88971710150	PAPEL AMONIAL	1	2.9577	0.00
4071	88973040050	ROLLO DE PAPEL TERMICO	1	20.9000	0.00
4072	89020720550	BARRA DE BRONCE 1"	4	0.0000 +	0.00
4073	89020720850	BARRA DE BRONCE 1 5/8"	4	20.6892	0.00
4074	89020720900	BARRA DE BRONCE	4	0.0000 +	0.00
4075	89020720950	BARRAS DE BRONCE 1 1/2"	4	1.1804	0.00
4076	89020721050	LATON	4	0.0000 +	0.00
4077	89020721500	BARRAS DE BRONCE 3"	1	0.0000 +	0.00
4078	89065742150	CHAPON DE COBRE	4	25.3178	0.00
4079	89068621520	LATON	4	2.7645	0.00
4080	89068621560	BRONCE	4	7.0183	0.00
4081	89068621640	LATON EX.60/40/ 1/2"	4	14.6006	0.00
4082	89068623200	LATON EN BARRA DEIAM.13mm1/2"L	4	5.0331	0.00
4083	89110310350	ARANDELA	4	7.8915	0.00
4084	89155530500		1	0.00	0.00
4085	89155531800	PASADORES DE 1,8 x 19mm.	1	0.0510	0.00
4086	89155532600	PASADORES 2,7 x 50mm..	1	0.0510	0.00
4087	89155533000	PASADORES 3,7 x 38mm.	1	0.0701	0.00
4088	89155534500	CHAVETAS	1	0.1704	0.00
4089	89159936209		1	0.0139	0.00
4090	89220112750	TORNILLOS ROSCA W LONG.25mm.	1	0.1504	0.00
4091	89220113070	TORNILLO DIAM.7,94X13mm.LARGO	1	0.1391 #	0.00
4092	89265141200	CADENA	4	23.9298	0.00
4093	89272010010		1	10.2976	0.00
4094	89273030900	CANDADO TIPO YALE DE 50 MM	1	11.1680	0.00
4095	89282230030		1	0.1391 #	0.00
4096	89283540050	RODENTICIDA GRANULADO	4	4.1274	0.00
4097	89342144050		1	3.8098	0.00
4098	89344529150		1	3.8098	0.00
4099	89345029000		1	3.8098	0.00
4100	89345129150		1	7.5685	0.00
4101	89994520150	CANO DE BRONCE	1	0.0000 +	0.00
4102	89999999990	APARATO TE:DE FAX PANASONIC	1	2.2137	0.00
4103	90003620000	ZAPATA DE FRENO	1	18.0473	0.00
4104	90004410000	ESCOBILLA	1	12.5000	0.00
4105	90026960000	ANILLO "O" 7/8	1	0.1232	0.00
4106	90028060000	GUARNICION DEL ANILLO DE 2 3/8	1	0.5146	0.00
4107	90028110000	ANILLO "O"DE 7/8"	1	0.1747	0.00
4108	90029002000		1	0.0000 +	0.00
4109	90029060000		1	65.1593	0.00
4110	90029960000	DIAFRAGMA CHICO	1	38.6128	0.00
4111	90029970000	DIAFRAGMA GRANDE	1	43.4395	0.00
4112	90030860000	JUNTA	1	1.5039	0.00
4113	900308430000	ESCOBILLA	1	11.3297	0.00
4114	90049930000		1	756.2900	0.00
4115	90064960000	RETEN P/RESORTE DEL SELLO	1	8.7700	0.00
4116	90065400000	ARO PRESION	1	0.6016	0.00
4117	90065410000	RETEN P/RESORTE CONTROL DE CAR	1	0.5013	0.00
4118	90065450000	COLLAR P/RESORTE VALVULA CONTR	1	18.2651	0.00

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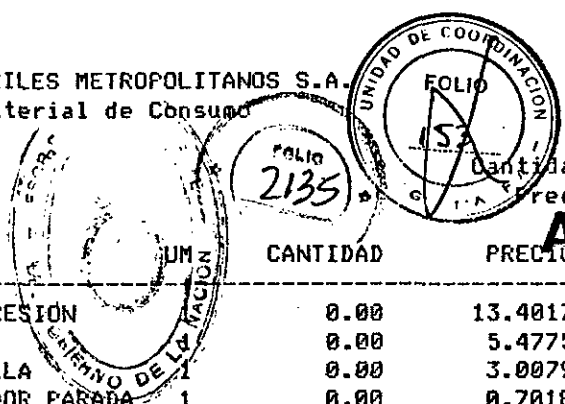
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 72

Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTE
4119	90065870000	DIAFRAGMA DE FALLA PRESION	0.00	13.4017	0.00
4120	90066080000	PERNO EMBOLO	0.00	5.4775	0.00
4121	90066090000	ASIENTO VALVULA BOLILLA	0.00	3.0079	0.00
4122	90066100000	RESORTE EMBOLO PULSADOR PARADA	1	0.7018	0.00
4123	90066820000	TUBO NIVEL DE ACEITE	1	10.0262	0.00
4124	90066830000	CODO P/MONTAJE NIVEL ACEITE	1	12.5459	0.00
4125	90067450000	RETEN P/SELLO DE ACEITE	1	14.6201	0.00
4126	90076020000	SELLO	1	6.1197	0.00
4127	90076090000	JUNTA VALVULA 26 C	1	160.8467	0.00
4128	90077500000	ARO "O"19,5 mm DIAM. EXT.	1	0.6072	0.00
4129	90077640015		1	0.0000 +	0.00
4130	90087110000	EMPAQUE P/VALVULA CONTROL	1	2.0592	0.00
4131	90087880000	ESCOBILLA	1	12.5000	0.00
4132	90099600000	JUNTA F/TAPA VALVULA CONTROL	1	1.0294	0.00
4133	90111160000	VALVULA	1	4.1210	0.00
4134	90197340000	DIAFRAGMA V/DE CARGA	1	2.0592	0.00
4135	90197510000		1	112.4847	0.00
4136	90202340000	CILEMBLOCK	1	98.6364	0.00
4137	90221550000		3	2.8214	0.00
4138	90223060000	CRISTAL PARA VENTANA	1	12.5328	0.00
4139	90223070000	CRISTAL PARA VENTANA MOVIL	1	8.2216	0.00
4140	90223340000		3	4.6277	0.00
4141	90223560000	VIDRIO PARA VENTANA	1	15.4700	0.00
4142	90224530000	CRISTAL DE LUNA TEMPLADO	1	11.0289	0.00
4143	90224540000	VIDRIO P/PUERTA DE SEGURIDAD	1	11.4700	0.00
4144	90224560000	CUNA PARA OJO DE BUEY	3	0.4712	0.00
4145	90233150000	CORREAS EN V.C.90	1	11.9313	0.00
4146	90234450000	VIDRIO SEGURIDAD OJO DE RUEY	1	15.0394	0.00
4147	90239910000	CRISTAL PARA VENTANA	1	17.0146	0.00
4148	90240130000	VIDRIO DE SEGURIDAD	1	9.3700	0.00
4149	90276590000		1	18361.9800	0.00
4150	90293600000	ARTEFACTO DE DOS LUCES	1	69.1814	0.00
4151	90293690000		1	9.1014	0.00
4152	90300910000	ESCOBILLA DE CARBON	1	5.1635	0.00
4153	90301500000		1	163.5301	0.00
4154	90301540000		1	390.0000	0.00
4155	90301750000		1	0.0000 +	0.00
4156	90301760000		1	30.0000	0.00
4157	90301770000	ARANDELA	1	30.2069	0.00
4158	90301790000	TUERCA	1	25.0000	0.00
4159	90301800000	ARANDELA	1	24.0000	0.00
4160	90301890000		1	643.7900	0.00
4161	90301900000		1	5.7500	0.00
4162	90301980000	TORNILLO CUTIVO	1	2.0000	0.00
4163	90314970000	BRAZO SUPERIOR	1	34.7500	0.00
4164	90348000000	MOTOR LIMP. NEUMATICO	1	35.0920	0.00
4165	90432780000	PESTILLO COMP.	1	12.4326	0.00
4166	90432860000	PESTILLO DE VENTANA M/I	1	18.0473	0.00
4167	90502340000	AROS ROLLANTES DE 24"	1	14.8890	0.00
4168	90504750000	AROS DE GUARNICION DE 24"	1	70.1841	0.00
4169	90510750000	ZAPATA DE COMPOSICION RECTA	1	26.4995	0.00
4170	90564410000	AROS ROLANTE SOBRE MEDIDA	1	14.8890	0.00
4171	90615120000	JUNTA	1	4.2232	0.00
4172	90615200000	JUNTA DE LA TAPA	1	1.9030	0.00
4173	90615220000	JUNTA E/CAB.BAJA PRES.Y TAPA	1	3.0677	0.00
4174	90615270000	JUNTA	1	1.9735	0.00
4175	90615290000	JUNTA E/CAB.Y TAPA BAJA PRESI.	1	1.1248	0.00
4176	90621230000	ANILLO	1	1.6242	0.00

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Línea : 21 ROCA
Almacén: 213404 REMEDIOS DE ESCALADA

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
4177	90621240000	SELLO INF.DE CILINDRO	1	0.00	4.7345	0.00
4178	90624450000	JUNTA TAPA IMPULSOR AUXILIARES	1	0.00	0.4010	0.00
4179	90624460000	SELLO ACEITE 5.1/2" DE DIAMET.	1	0.00	2.0137	0.00
4180	90624470000		1	0.00	35.2383	0.00
4181	90626050000	JUNTA P/CUERPO BOMBA	1	0.00	4.7464	0.00
4182	90626070000	JUNTA R.F.001	1	0.00	4.9946	0.00
4183	90626140000	MANCHON DE GOMA P/ACOP.	1	0.00	1.5039	0.00
4184	90626170000	SELLO EXT.ROTATIVO	1	0.00	63.9629	0.00
4185	90626630000	JUNTA ENTRE COLADOR Y TAPA	1	0.00	3.0677	0.00
4186	90626650000	JUNTA	1	0.00	0.4703	0.00
4187	90627020000	JUNTA P/BRIDA	1	0.00	0.5112	0.00
4188	90627900000	JUNTA E/ BOMBA Y CODO	1	0.00	3.7456	0.00
4189	90628800000	JUNTA	1	0.00	7.8841	0.00
4190	90628830000	ARANDELA DE FIBRA	1	0.00	0.5726	0.00
4191	90628840000	ARANDELA DE GOMA	1	0.00	0.2005	0.00
4192	90628850000	EMPAQUETADURA	1	0.00	2.0144	0.00
4193	90629020000	JUNTA P/BRIDA	1	0.00	0.5317	0.00
4194	90629160000	JUNTA	1	0.00	0.7362	0.00
4195	90671100000	VIDRIO DE PUERTA LAT.SALON	1	0.00	14.3137	0.00
4196	90671680000		1	0.00	0.0000 +	0.00
4197	90721230000		1	0.00	0.5346	0.00
4198	90765930000		1	0.00	11.3749	0.00
4199	91303740000	JUNTA E/BRIDA CAROS Y RADIADOR	1	0.00	4.6936	0.00
4200	91303760000	JUNTA P/ACOP.LAM.DEL VENTILADOR	1	0.00	12.5056	0.00
4201	91303770000	JUNTA P/MONT.BOMBA	1	0.00	2.1780	0.00
4202	91303890000	JUNTA	1	0.00	0.6952	0.00
4203	91303980000	JUNTA DE LA TAPA	1	0.00	1.0123	0.00
4204	91304330000	JUNTA	1	0.00	1.0327	0.00
4205	91304580000	JUNTA E/CABEZA CILIND.Y MULTIP	1	0.00	2.8193	0.00
4206	91305410000	JUNTA ENTRE FILTRO Y CUERPO	1	0.00	8.4158	0.00
4207	91308340000	JUNTA	1	0.00	0.5112	0.00
4208	91309250000	JUNTA	1	0.00	0.7018	0.00
4209	91309840000	NUCLEO P/RADIADOR	1	0.00	2342.5462	0.00
4210	91309840007	NUCLEO DEL RADIADOR	1	7.00	468.5092	3279.56
4211	91310000000	JUNTA DISP.E INTERCAMBIADOR	1	0.00	2.0052	0.00
4212	91311090000	JUNTA	1	0.00	2.5065	0.00
4213	91311710000		1	0.00	2.6463	0.00
4214	91311830000	JUNTA E/MANGA Y CODO DE BOMBA	1	0.00	0.8020	0.00
4215	91311920000		1	0.00	0.7652	0.00
4216	91311940000	JUNTA	1	0.00	3.9067	0.00
4217	91311950000		1	0.00	3.0408	0.00
4218	91312120000	JUNTA	1	0.00	2.6791	0.00
4219	91312130000		1	0.00	0.6543	0.00
4220	91312140000		1	0.00	1.4417	0.00
4221	91312790000	PISTON	1	0.00	91.3582	0.00
4222	91312980000	JUNTA	1	0.00	2.6429	0.00
4223	91314870000	FILTRO	1	0.00	31.2039	0.00
4224	91315100000	JUNTA COBRE CAB.CAMISA CILINDR	1	0.00	38.5311	0.00
4225	91315160000		1	0.00	6.5649	0.00
4226	91315400000	JUNTA P/BRIDA	1	0.00	6.6656	0.00
4227	91316140000	FILTRO A CARTUCHO	1	0.00	11.4001	0.00
4228	91316150000	ESCOBILLA DE CARBON	1	0.00	11.8310	0.00
4229	93240730000	BURLETE	3	0.00	2.0052	0.00

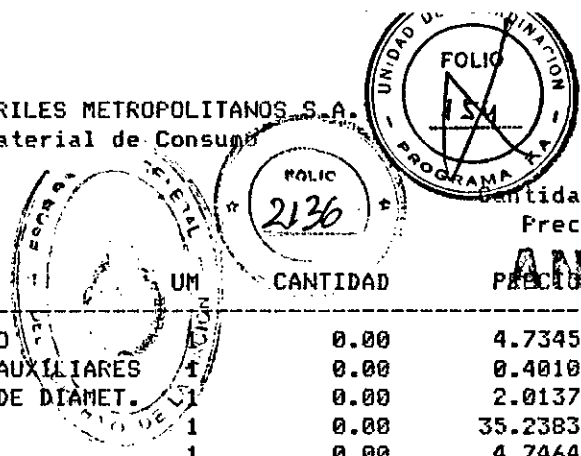
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ANEXO



Emisión: 10/11/94

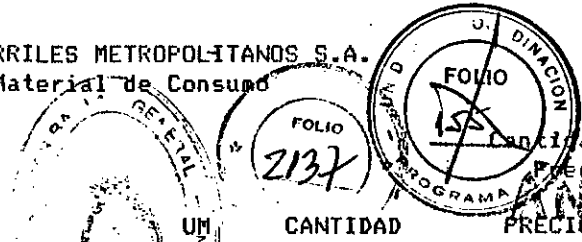
FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

Página: 1

Línea : 21 ROCA

Almacén: 213406 V. Y O. LA PLATA



Canceladas al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1	70005011800	ALMUHADILLAS ACANAL. DE CAUCHO	1	0.00	4.2051	0.00
2	70008012401	ANCLA P/RIEL 85 FCS.TIPO T	1	0.00	0.0973	0.00
3	70008012403	ANCLA P/RIEL 85 FCS.TIPO T	1	7190.00	0.0695	499.71
4	70008014500	ANCLA P/RIEL 100 BS.TIPO T	1	0.00	7.0986	0.00
5	70008014501	ANCLA P/RIEL 100 BS.TIPO T	1	1680.00	4.9690	8347.92
6	70008014801	ANCLA P/RIEL 100 FCS.TIPO T	1	1000.00	3.3142	3314.20
7	70008015500	ANCLA P/RIEL U36 TIPO T	1	0.00	6.8579	0.00
8	70008023003	ANCLA P/RIEL 85 FCS.TIPO V	1	7950.00	1.3146	10451.07
9	70008024201	ANCLA P/RIEL 100 BS.	1	360.00	0.0973	35.03
10	70008024801		1	0.00	0.0000 +	0.00
11	70008034200	ANCLAS T.U. B.S.	1	4675.00	7.2906	34083.56
12	70008035400	ANCLAS P/RIEL Q36 D/CIERRE	1	8680.00	7.0434	61136.71
13	70008035401	ANCLA P/RIEL U36 TIPO U	1	0.00	4.9303	0.00
14	70011052501	ANCLA P/RIEL 85 BS.	1	0.00	0.0000 +	0.00
15	70011101600	ARANDELA DE 22 MM	1	48.20	0.7041	33.94
16	70011102001	ARANDELA ELASTICA 24 MM.	1	0.00	0.3509	0.00
17	70017030100	PEDREGULLO GRAN. DE 3 A 5 CM.	9	35.00	7.3936	259.79
18	70024012700	BUL CABE CUAD. 22,2X145mm	1	0.00	2.5065	0.00
19	70024013900	BULON 25,4x128 MM	1	0.00	2.5065	0.00
20	70024013901	BULON P/ECLISA 25,4 X 128 MM.	1	0.00	1.7545	0.00
21	70024014200	BULON 25,4x133 MM	1	0.00	2.9037	0.00
22	70024014201	BULON 25,4x135 MM	1	0.00	2.0325	0.00
23	70024014203		1	0.00	1.4518	0.00
24	70024014205	BULON 23 X 145 MM.	1	0.00	0.8711	0.00
25	70024040300	BULON P/ECLISA 20 X 125 MM.	1	0.00	3.0079	0.00
26	70024040700	BULON C.A.B. DIAM. 20x132	1	3920.00	2.5638	10050.10
27	70024070600	BULON 22,2 X 111 MM.	1	460.00	0.1391 #	63.99
28	70024070900	BULON 22,2 x 121 mm.	1	1468.00	0.1391 #	204.20
29	70024131200	BULON P/ECLISA 22,2x145 MM	1	250.00	2.5742	643.55
30	70024150600	BULON 22,2 X 95 MM.	1	160.00	2.8929	462.86
31	70024151200	BULON 22,2 X 145 MM.	1	82.00	0.1391 #	11.41
32	70025010300	BULON T.19x67	1	1065.00	1.6041	1708.37
33	70025010301	BULON T 19 X 67 MM.	1	0.00	1.1228	0.00
34	70025010305	BULON T 19 X 67 MM.	1	0.00	0.4812	0.00
35	70025050301	BULON T 22,2 X 76 MM.	1	0.00	1.4036	0.00
36	70038054500	CLAVO 22,2x110 MM	1	1745.00	1.8949	3306.60
37	70038055000	CLAVOS GANCHOS	1	5622.00	1.9460	10940.41
38	70038100500	CLAVO ELASTICO 120.145 MM	1	8000.00	2.1255	17004.00
39	70038100501	CLAVO ELASTICO	1	0.00	1.4878	0.00
40	70038100503		1	0.00	1.0627	0.00
41	70038101000	CLAVO ELASTICO DER.145 MM	1	0.00	2.1255	0.00
42	70038101001	CLAVO ELASTICO	1	0.00	1.4878	0.00
43	70042050701	CONTRA RIEL 85 FCS 12,9 M	1	33.00	119.7144	3950.58
44	70042070303	CONTRA RIEL 100 FCS.	1	0.00	112.4793	0.00
45	70042070701	CONTRA RIEL 100 BS.12,69 M.	1	0.00	139.2375	0.00
46	70042070703	CONTRA RIEL 100 BS.12,19 M.	1	0.00	99.4554	0.00
47	70042090701	CONTRA RIEL 100 BS. 12,19 M.	1	0.00	401.3270	0.00
48	70042090901	CONTRA RIEL 100 BS.7,62 M.	1	1.00	33.1510	33.15
49	70042091101	CONTRA RIEL 100 BS.10,668 M.	1	0.00	1105.0669	0.00
50	70042091301	CONTRA RIEL 100 BS. 12,19 M.	1	1.00	0.0973	0.10
51	700650100500	SIN DESCRIPCION	1	0.00	0.0000 +	0.00
52	70065010300	DURMIENTE Q.C.2,70 M	1	0.00	24.7145	0.00
53	70065010301	DURMIENTE Q.C.0,12X0,24X2,70M.	1	0.00	17.3001	0.00
54	70065010305	DURMIENTE Q.C.2,70 MM	1	183.00	7.4143	1356.82
55	70065010400	DURMIENTE Q.C.3,00 M	1	537.00	19.7358	10598.12
56	70065010401	DURMIENTE DE 3,00 M.	1	14.00	13.8150	193.41
57	70065010405	DURMIENTE DE 3,00 M.	1	0.00	5.9207	0.00
58	70065020200	DURMIENTE Q.C.0,15X0,24X2,50M	1	0.00	27.0710	0.00

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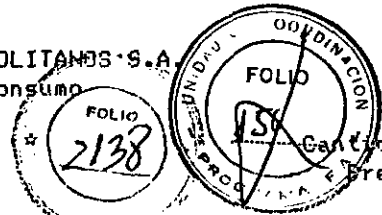
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 2

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

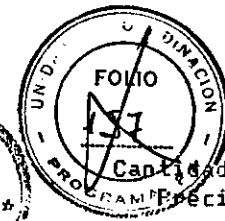


Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
59	70065020300	DURMIENTE Q.C.0,15X0,24X2,70M.	1	778.00	30.3796	23635.33
60	70065020400	DURM.QCHO.CDO.DE 3,00MTS.	1	32.00	34.8063	1113.80
61	70065020401	DURMIENTE Q.C.0,15X0,24X3,00M.	1	0.00	24.3644	0.00
62	70065050100	DURMIENTE Q.C. 012x024x2,7	1	70.00	0.0000 +	0.00
63	70065050400	DURMIENTE Q.C.0,12X0,24X2,70M.	1	0.00	19.6618	0.00
64	70065050401	DURMIENTE Q.C.0,12X0,24X2,70M.	1	0.00	13.7632	0.00
65	70065050500	DURMIENTE Q.C.DE 3 M.	1	0.00	0.1391 #	0.00
66	70065050501	DURMIENTE Q.C.DE 3,00 M.	1	0.00	0.0973	0.00
67	70065062400	DURMIENTE Q.C.DE 2,70 M.	1	0.00	0.0000 +	0.00
68	70065100100	DURMIENTE Q.C.3,25 M	1	208.00	30.0789	6256.41
69	70065100101	DURMIENTE Q.C.0,12X0,24X3,25M.	1	32.00	21.0552	673.77
70	70065100200	DURMIENTE ESP/CAM.3,50 M	1	240.00	31.9231	8300.01
71	70065100201	DURMIENTE Q.C.0,12X0,24X3,50 M	1	28.00	22.3461	625.69
72	70065100300	DURMIENTE ESP/CAM.3,75 M	1	346.00	33.0868	11448.03
73	70065100301	DURMIENTE Q.C.0,12X0,24X3,75M.	1	21.00	23.1607	486.37
74	70065100400	DURMIENTE ESP/CAM.4,00M	1	192.00	37.0718	7117.79
75	70065100401	DURMIENTE Q.C.0,12X0,24X4,00M.	1	26.00	25.9502	674.71
76	70065100405	DURMIENTE DE 4,00 M.	1	0.00	11.1215	0.00
77	70065100500	DURMIENTE ESP/CAM.4,25 M	1	44.00	38.0999	1676.40
78	70065100501	DURMIENTE Q.C.0,12X0,24X4,25M.	1	7.00	26.6699	186.69
79	70065100505	DURMIENTE Q.C.DE 4,25 M.	1	0.00	11.4299	0.00
80	70065100600	DURMIENTE Q.C.0,12X0,24X4,50M.	1	5.00	40.1052	200.53
81	70065100601	DURMIENTE Q.C.0,12X0,24X4,50M.	1	15.00	28.0736	421.10
82	70065100700	DTE.Q.C. 012X024X5,00 M	1	9.00	45.1183	406.06
83	70065100701	DURMIENTE Q.C.0,12X0,24X4,75M.	1	5.00	31.5828	157.91
84	70065100800	DURMIENTE Q.C.0,12X0,24X5,00M.	1	142.00	44.1157	6264.43
85	70065100801	DURMIENTE Q.C.0,12X0,24X5,00M.	1	55.00	30.8809	1698.45
86	70065150200	DURM.QCHO.CDO.DE 2,70 MTS.	1	0.00	31.2021	0.00
87	70065150300	DURMIE.ESP.QC.P/CAM.3,00	1	22.00	34.8063	765.74
88	70065150301	DURMIENTE Q.C.0,15X0,24X3,00M.	1	125.00	24.3644	3045.55
89	70065150400	DURMIE.ESP.QC.P/CAM.3,25 M	1	50.00	37.5868	1879.34
90	70065150500	DURMIEN.ESP.QC.P/CAM.3,50 M	1	0.00	40.3672	0.00
91	70065150600	DURMIE.ESP.Q.C.P/CAM.3,75M	1	94.00	42.7357	4017.16
92	70065150700	DURMIE.ESP.Q.C.P/CAM.4,00M	1	2.00	46.1854	92.37
93	70065150701	DURMIENTE Q C 4.00 X 0.15 M	1	23.00	32.3297	743.58
94	70065150800	DURMIE.ESP.Q.C.P/CAM.4,25 M	1	30.00	49.6352	1489.06
95	70065150900	DURMIE.ESP.Q.C.P/CAM.4,50 M	1	25.00	52.0552	1301.38
96	70065151000	DURMIE.ESP.Q.C.P/CAM.4,75 M	1	42.00	53.7410	2257.12
97	70065151001	DURMIENTE Q C 4.75 X 0.15 M	1	21.00	37.6187	789.99
98	70065151100	DURMIE.ESP.Q.C.P/CAM.5,00 M	1	37.00	56.3478	2084.87
99	70065171100	DURMIENTE Q.C.0,15X0,26X3,60M.	1	0.00	236.7987	0.00
100	70065200000	DURMIENTE Q.C. 015x020x2,70	1	50.00	26.7740	1338.70
101	70065201700	DURM.QCHO.CDO.DE 2,70 MTS.	1	20.00	35.0123	700.25
102	70065201701	DURMIENTE Q.C.0,20X0,20X2,70M.	1	70.00	24.5086	1911.67
103	70071010300	DURMIE.ESP.CREDSOTADO 2,70 M	1	40.00	32.0841	1283.36
104	70071010301	DURMIENTE Q.B.0,12X0,24X2,70M.	1	700.00	22.4588	15721.16
105	70071010305	DURMIENTE Q.B.0,12X0,24X2,70M.	1	0.00	9.6252	0.00
106	70071010400	DURMIENTE Q.B.0,12X0,24X3,00M.	1	0.00	27.0000	0.00
107	70071030300	DURMIENTE Q.B.2,70M.ENTALLADO	1	0.00	34.2667	0.00
108	70071030400	DURMIENTE Q.B.3,00M.ENTALLADO	1	0.00	44.7273	0.00
109	70071040300		1	0.00	0.0000 +	0.00
110	70071040401	DURMIENTE Q.B.3,00 M.	1	0.00	64.4611	0.00
111	70071062300	DURMIENTE Q.B.0,15X0,24X2,70M.	1	0.00	3.7402	0.00
112	70071100100	DURMIENTE Q.B. 3,25 M.	1	0.00	0.1391 #	0.00
113	70071100200	DURMIENTE Q.B.3,50 M.	1	0.00	0.1391 #	0.00
114	70071100300	DURMIENTE Q.B.3,75 M.	1	0.00	0.1391 #	0.00
115	70071100501	DURMIENTE Q.B. 4,25 M	1	40.00	208.6630	8026.52
116	70071100600	DURMIENTE Q.B.4,50 M.	1	0.00	0.1391 #	0.00

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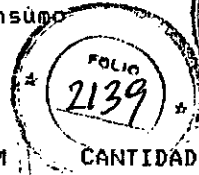
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Emisión: 10/11/94

Página: 3

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA



Capacidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	IMPORTE
117	70071100800	DURMIENTE Q.B. 5,00 M		0.00	0.1391 #		0.00
118	70071101500	DURMIENTE Q.B. DE 3,50		33.00	0.0000 +		0.00
119	70071200100	DURMIENTE Q.B. 015x020x1,70		2.00	0.0000 +		0.00
120	70074200100	DURMIENTE Q.C. 015x020x2,30		85.00	0.0000 +		0.00
121	70074200300	DURMIENTE DE 2,90	1	85.00	0.0000 +		0.00
122	70074200500	DURMIENTE Q.C. 020x020x3,00	1	56.00	0.0000 +		0.00
123	70080145030	ANCLA 100 BS. TIPO T	1	3822.00	0.0000 +		0.00
124	70098390100	ECLISA 85 FCS.6 AGUJEROS	1	0.00	0.1391 #		0.00
125	70098390101	ECLISA 85 FCS.6 AGUJEROS	1	0.00	0.0973		0.00
126	70098390301	ECLISA 85 FCS.6 AGUJEROS	1	2386.00	0.0973		232.16
127	70098450301	ECLISA 100 FCS.6 AGUJEROS	1	2543.00	0.0973		247.43
128	70098470101	ECLISA 100 BS.4 AGUJEROS	1	600.00	55.2523		33151.38
129	70100330105	ECLISA 85 FCS.-MACHO.	1	0.00	11.6328		0.00
130	70100330301	ECLISA FCS.6 AGUJEROS	1	2456.00	0.0973		238.97
131	70100330305	ECLISA 85 FCS. 6 AGUJEROS	1	0.00	0.0417		0.00
132	70100530101	ECLISA 100FCS 6AGUJ.TIP.BARRA	1	512.00	0.0973		49.82
133	70100530103	ECLISA 100FCS 6AGUJ. TIPO BARR	1	288.00	0.0695		19.46
134	70100530105	ECL.100FCS 6AGUJ.TIPO BARRA	1	0.00	0.0417		0.00
135	70100550100	ECL.100BS 4AGUJ.TIPO BARRA	1	0.00	0.1391 #		0.00
136	70100550301	ECL.100BS.4AGUJ.TIPO BARRA	1	1354.00	28.0736		38011.65
137	70100550305	ECLISAS	1	0.00	12.0315		0.00
138	70100550700	ECL.100BS. 4GUJ.TIPO BARRA	1	678.00	99.0774		67174.48
139	70100550701	ECL. 100BS. 4AGUJ.TIPO BARRA	1	0.00	69.3541		0.00
140	70100551100	ECL.100BS.6 AGUJ TIPO BARRA	1	800.00	66.8754		53500.32
141	70100551101	EC.100BS.6AGUJ.TIPO BARRA	1	262.00	46.8127		12264.93
142	70100551105	ECL.100BS.6AGUJ.TIPO BARRA	1	0.00	20.0626		0.00
143	70100570100	ECL.100BS.P/RIEL SOVIETICO	1	28.00	50.1314		1403.68
144	70100570101	ECL.100BS.P/RIEL SOVIETICO	1	500.00	35.0919		17545.95
145	70100580300	ECLISA T.BARRA 6 AGUJER.U 36	1	2153.00	72.0845		155197.93
146	70103190300	ECLI. U36 P/SOLDADURA	1	0.00	0.1391 #		0.00
147	70105200305	EC.EMPALME 85A100 LBS M/D	1	0.00	31.5729		0.00
148	70105290105	EC.EMPALME 85A100 LBS M/I	1	0.00	0.0417		0.00
149	70152000000	APARATO DE DILAT.100BS COMP.	1	4.00	49.9897		199.96
150	70162450700	PLACA DE PRESION	1	0.00	1.0525		0.00
151	70162940300	PLACA DE PRES.C/COLA LETRA X	1	2032.00	2.5065		5093.21
152	70162940301	PLACA PRESION P/RIEL 49,61KG/M	1	195.00	1.7545		342.13
153	70162960300	PLACA MADERA DURA 133x70x4,8	1	0.00	2.5742		0.00
154	70162960600	PLACA DE PRESION P/SILLETA	1	2325.00	2.5742		5985.02
155	70347400303	RIEL 70LBS 9,14M	1	0.00	0.0695		0.00
156	70367100205	RIEL 74LBS 9,14M	1	0.00	171.9973		0.00
157	70367107003	RIEL 74LBS CORTADO Y/O SOLDADO	3	0.00	23.1528		0.00
158	70367109003	RIEL 74LBS DE 12,19M	1	11.00	0.0695		0.76
159	70420507001	CONTRA RIEL 85LBS FCS	1	0.00	62.6193		0.00
160	70421400401	RIEL 85 FCS DE 12,19M	1	805.00	160.2337		128988.13
161	70421400403	RIEL 85 FCS DE 12,19M	1	941.00	114.4527		107699.99
162	70421400405	RIEL 85 FCS DE 12,19M	1	0.00	68.6716		0.00
163	70421407001	RIEL 85 FCS DE 6 A 12,19M	3	0.00	0.0973		0.00
164	70421407003	RIEL DE 85FCS DE 6 12,18 M	3	0.00	0.0695		0.00
165	70421409001	RIEL DE 85 FCS	3	762.12	0.0973		74.15
166	70421409003	RIEL DE 85FCS	3	0.00	0.0695		0.00
167	70421409005	RIEL DE 85FCS	3	0.00	0.0417		0.00
168	70496201001	RIEL DE 100BS 12,19M	1	2.00	313.1015		626.20
169	70496201003	RIEL DE 100BS 12,19M	1	0.00	223.6439		0.00
170	70496201005	RIEL 100 BS.	1	0.00	134.1863		0.00
171	70496206001	RIEL 100 BS.	3	0.00	0.0000 +		0.00
172	70496206900	RIEL B.S.1 A 5,9 M	3	0.00	35.0920		0.00
173	70496206903	RIEL 100 BS.CORT.DE 1 A 5,9M	3	0.00	17.5460		0.00
174	70496207001	RIEL 100BS. DE 6 A 18,30 M.	3	310.54	80.7347		25071.35

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Emisión: 10/11/94

Línea : 21 ROCA

Almacén: 213406 V. Y O. LA PLATA

Cantidades al: 31/08/94

Precios al: 31/07/94

ANEXO

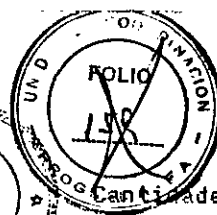
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175	70496207002	RIEL 100 BS.DE 6 A 18,30 M	M	0.00	57.6677	0.00
176	70496207003	RIEL DE 100 LBS.CORTADOS		0.00	57.6677	0.00
177	70496207004	RIEL 100 BS.DE 6 A 18,30 M.	M	0.00	34.6006	0.00
178	70496207005	RIEL DE 100 LBS.CORTADOS		0.00	34.6006	0.00
179	70496209000	RIEL B.SOLDADO		0.00	35.0920	0.00
180	70496209001	RIEL 100 BS.SOLDADO		1872.75	24.5644	46002.98
181	70496209002	RIEL 100 BS.SOLDADO		0.00	17.5460	0.00
182	70496209003	RIEL 100 BS.SOLDADO		560.98	17.5460	9842.96
183	70496209004	RIEL 100 BS.SOLDADO		0.00	10.5276	0.00
184	70496209005	RIEL DE 100 LBS.SOLDADOS		84.85	10.5276	893.27
185	70496500401	RIEL 100 FCS.DE 12,9 M.		5.00	0.0973	0.49
186	70496500403	RIEL 100 FCS.DE 12,9 M.		0.00	0.0695	0.00
187	70496507003	RIEL 100 FCS.DE 9,14 M.		0.00	17.5460	0.00
188	70496509001	RIEL 100 FCS.		0.00	28.0736	0.00
189	70496509003	RIEL 100 FCS.		62.38	20.0526	1250.80
190	70504100101	RIEL 50,50 KG/M.		0.00	0.0000 +	0.00
191	70505100100	RIEL SOVIETICO DE 12,50 M.		0.00	0.1391 #	0.00
192	70505100301	RIEL SOVIETICO		0.00	307.4064	0.00
193	70505100601	RIEL SOVIETICO DE 12,50 M.		27.00	617.6204	16675.75
194	70506107000	RIEL U.36-CORTADOS-DE 9,00 MTS		846.00	327.4707	277040.21
195	70506107001	RIEL U36 CORTADO		82.82	229.2294	18984.70
196	70506107002	RIEL U36 CORTADO		0.00	163.7353	0.00
197	70506107003	RIEL U36 CORTADO		19.94	163.7353	3264.80
198	70506109000	RIEL V.36 SOLDADO		1701.00	1313.8690	2234891.17
199	70508012200	RIEL U50 18 M.		1.00	641.0800	641.08
200	70508012501	RIEL U50 DE 18 M.		4.00	1.2336	4.93
201	70508012503	RIEL U50 DE 18 M.		0.00	0.8812	0.00
202	70508016903	RIEL U50 CORTADO		164.00	0.2295	37.64
203	70508019000	RIEL U50 SOLDADO		262.00	29.7242	7787.74
204	70508102200	RIEL U50 18 M. MANO DERECHA		0.00	0.0000 +	0.00
205	70765010300	SIN DESCRIPCION		0.00	0.0000 +	0.00
206	70815140101	RIEL COMBINACION 74 CON 85 LBS		13.00	92.0879	1197.14
207	70815320101	RIEL COMBINACION 100 C/85 LBS.		44.00	0.0973	4.28
208	70815320103	RIEL COMBINACION 100 C/85 LBS.		0.00	0.0695	0.00
209	70815320201	RIEL COMB.85 C/100 LBS.M.DER.		0.00	42.3599	0.00
210	70815340101	RIEL COMBINACION 85 C/100 LBS.		0.00	0.0973	0.00
211	70815350101	RIEL COMB.85 FCS.CON 100 BS.		0.00	0.0973	0.00
212	70815430101	RIEL COMB.100 BS. CON 100 FCS.		0.00	64.4611	0.00
213	70815450100	RIEL CUPON V.36		0.00	0.1544	0.00
214	70815450101	RIEL COMB.100 BS.CON U36		10.00	0.1080	1.08
215	70815450200	RIEL DE COMB.DE 100LBS.A U.36		0.00	617.8696	0.00
216	70815460101	RIEL COMB.U36 CON 85 FCS.		8.00	46.0434	368.35
217	70840120300	SILLETA P/RIEL U.36-P.A.N.		0.00	45.3101	0.00
218	70840120500	SILLETA P/RIEL U36		923.00	0.1391 #	128.39
219	70845090200	SILLETA U 50 MODULARES		3088.00	0.0000 +	0.00
220	70845090700	SILLETA MODULAR P/RIEL U36		0.00	0.2853	0.00
221	70846090703	SILLETA LAMINADA 85 LBS.		0.00	0.0695	0.00
222	70846211500	SILLETA T/FRANC.356x152 MM		1679.00	35.0123	58785.65
223	70846211501	SILLETA FRANCESA		34.00	24.5086	833.29
224	70846211505	CHAPA DE ASIEN TO LISA		0.00	10.5036	0.00
225	70848180101	SILLETA INGLESA 100 LBS.		575.00	23.0669	13263.47
226	70855030100	SUPLEMENTO NRO.5		4897.00	1.8403	9011.95
227	70855030300	SUPLEMENTO NRO.7		1003.00	2.1030	2109.31
228	70855030500	SUPLEMENTO NRO.9		3286.00	5.2548	17267.27
229	70855030700	SUPLEMENTO NRO.11		1479.00	2.8929	4278.60
230	70855040900	SUPLEMENTO NRO.9 MANO IZO.		0.00	2.5742	0.00
231	70855041000	SUPLEMENTO NRO.9 MANO DERECHA		0.00	2.5742	0.00
232	70855041100	SUPLEMENTO NRO.11 MANO IZO.		0.00	2.5742	0.00

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Emisión: 10/11/94

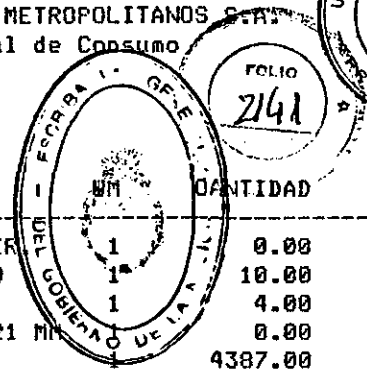
FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 5

Línea : 21 ROCA
Almacén: 213406 V. Y. O. LA PLATA

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
233	70855041200	SUPLEMENTO AHUSADO N 11 DER	1	0.00	2.5742	0.00
234	70855090300	FLEJE DE 3,17 mm. EN ROLLO	1	10.00	0.1391 #	1.39
235	70855091900	FLEJE 1,6 mm. EN ROLLO	1	4.00	0.0000 +	0.00
236	70870280500	TARUGO DE MADERA DURA DE 21 MM	1	0.00	1.4413	0.00
237	70870280700	TARUGO DE MADERA 24 M/M	4387.00	1.5039	6597.61	
238	70870300600	TARUGO MADERA DE 22 MM.	1	12000.00	1.4413	17295.60
239	70876030300	TARUGO P/VIA DE 19x125 MM	1	0.00	1.4413	0.00
240	70876030301	IDEM IDEM IDEM 0,19 MM	1	0.00	1.0089	0.00
241	70876031800	TIRAFONDOS	1	0.00	0.0000 +	0.00
242	70876033000	TIRAFONDOS 23x105	1	30291.00	0.6720	20355.55
243	70876033001	TIRAFONDOS 23 X 105 MM.	1	950.00	0.4704	446.88
244	70876033005	TIRAFONDOS 23 X 105 MM.	1	0.00	0.2016	0.00
245	70876033200	TIRAFONDOS 23x125	1	0.00	0.7856	0.00
246	70876034000	TIRAFONDOS 23 X 125 MM.	1	6292.00	0.9825	6181.89
247	70876035500	TIRAFONDO P/VIA DE 23x215 MM	1	4100.00	1.5133	6204.53
248	70876037500	TIRAFONDO P/VIA DE 23x125 MM	1	0.00	1.0118	0.00
249	70876038001	TIRAFONDO 22 X 125 MM.	1	0.00	0.7082	0.00
250	71007372700	BULON 22,2 X 330 MM.	1	0.00	0.1391 #	0.00
251	71010372700	BULON 22,2 X 340 MM.	1	0.00	0.1391 #	0.00
252	71043410001	AGUJA 85LBS.FCS.3,658M.1/2JUEG	1	1.00	73.6701	73.67
253	71043420001	AGUJA 85LBS FCS 3,658M 1/2JUEG	1	0.00	1657.6007	0.00
254	71043470101	AGUJA 85FCS 3,658M.MANO IZQUIE	1	0.00	618.7136	0.00
255	71043470103	AGUJA 85FCS 3,658M.MANO IZQUIE	1	0.00	441.9383	0.00
256	71043470105	AGUJA 85FCS 3,658M.MANO IZQUIE	1	2.00	265.1629	530.33
257	71043470109	AGUJA 85FCS 3,658M.MANO IZQUIE	1	1.00	88.3876	88.39
258	71043470201	AGUJA 85FCS 3,658M.MANO DERECH	1	1.00	368.3549	368.35
259	71043470203	AGUJA 85FCS 3,658M.MANO DERECH	1	0.00	263.1106	0.00
260	71043470205	AGUJA 85FCS 3,658M.MANO DERECH	1	2.00	157.8663	315.73
261	71043472801	CONTRA AG.85FCS 5,95M MANO DER	1	1.00	0.0973	0.10
262	71043472901	CONTRAAGUJA 85FCS DE 7,62M	1	2.00	755.1285	1510.26
263	71043472903	CONTRAAGGUJA 85FCS 7,62M IZQUI	1	0.00	539.3775	0.00
264	71043473003	CONTRAAGUJ.85FCS 7,62M DERECHA	1	0.00	0.0695	0.00
265	71049400001	JEUGO AGUJ.85FCS 4,57M	1	1.00	0.0973	0.10
266	71049470101	AGUJA 85FCS 4,75MM.MANO IZQUIE	1	5.00	128.9234	644.62
267	71049470103	AGUJA 85FCS 4,57M.MANOIZQUIERD	1	0.00	92.0882	0.00
268	71049470201	AGUJA 85FCS 4,57M MANO DERECHA	1	1.00	386.7727	386.77
269	71049470203	AGUJA 85FCS 4,57M MANO DERECHA	1	1.00	276.2662	276.27
270	71049470209	AGUJA 85FCS 4,57M MANO DERECHA	1	0.00	55.2532	0.00
271	71055400001	AGUJA 85FCS 5,486M	1	7.00	101.2970	709.08
272	71055440001	AGUJA 85FCS 5,486M 1/2JUEGOM/I	1	2.00	64.4611	128.92
273	71055460001	AGUJA 85FCS 5,486M 1/2M M/D	1	0.00	2394.3129	0.00
274	71055473001	CONTRA AGUJ.85FCS 10,668M	1	0.00	0.0973	0.00
275	71055473201	CONTRA AG. 85FCS 10,668M M/D	1	1.00	902.4708	902.47
276	71120570103	AGUJA 100BS 5,57M M/I	1	0.00	100.2630	0.00
277	71120570203	AGUJA 100BS 5,57M M/D	1	0.00	100.2630	0.00
278	71129420003	AGUJA 100BS 4,57M 1.05 M/D	1	1.00	145.3500	145.35
279	71129470100	AGUJA 100BS 3,658M M/I	1	0.00	0.1391 #	0.00
280	71129470101	AGUJA 100BS 3,658,M M/I	1	11.00	0.0973	1.07
281	71129470201	AGUJA 100BS 3,658M M/D	1	11.00	140.3682	1544.85
282	71129472701	CONTRA AG.100BS 7,62M M/I	1	1.00	0.0973	0.10
283	71129472900	CONTRA AGUJ.100BS 7,62M M/I	1	0.00	0.1391 #	0.00
284	71129472901	CONTRA AG.100BS 7,62M M/I	1	0.00	0.0973	0.00
285	71129472903	CONTRA AG.100BS 7,62M M/I	1	8.00	0.0695	0.56
286	71129472909	CONTRA AG. 100BS 7,62M M/I	1	0.00	0.0139	0.00
287	71129473000	CONTRA AG. 100BS 7,62M M/D	1	0.00	65.7763	0.00
288	71129473001	CONTRA AG.100BS 7,62M M/D	1	0.00	46.0434	0.00
289	71129473003	CONTRA AG.100BS.7,62 M/D	1	6.00	32.8881	197.33
290	71129473009	CONTRA AG.100BS 7,62M M/D	1	0.00	6.5776	0.00

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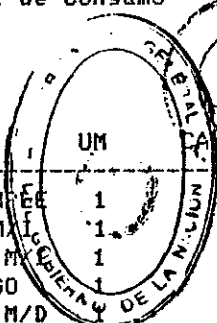
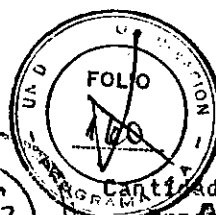
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 6

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA FLATA



Cantidades al: 31/08/94
Fecha: 31/08/94

ANEXO

####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
291	71135000001	AGUJ.100BS.4,572M JUEGO COMPLETO	1	3.00	0.0973	0.29
292	71135010001	AGUJA 100BS.4,572M 1/2JUE.M/I	1	0.00	0.0973	0.00
293	71135010003	AGUJA 100BS.4,572M 1/2JUEG M/I	1	0.00	0.0695	0.00
294	71135020000	AGUJA 100BS.4,572M 1/2 JUEGO	1	0.00	0.1391 #	0.00
295	71135020001	AGUJA 100BS 4,572M 1/2 JUE M/D	1	1.00	0.0973	0.10
296	71135040001	AG.100BS.4,572MM 1/2JUE M/I	1	0.00	0.0973	0.00
297	71135060001	AG.100BS 4,572M 1/2 JUEG.M/D	1	0.00	576.6783	0.00
298	71135070101	AG.100BS.4,572M M MAND IZQUIER	1	18.00	468.5938	8434.69
299	71135070103	AG.100BS.4,572M M/I	1	6.00	334.7099	2008.26
300	71135070109	AG.100BS.4,572M M/I	1	0.00	66.9419	0.00
301	71135070201	AG.100BS.4,572M M/D	1	25.00	484.4588	12111.47
302	71135070203	AG.100BS.4,572M M/D	1	8.00	346.0420	2768.34
303	71135070209	AGUJ.100BS.4,572M M/D	1	0.00	69.2084	0.00
304	71135073603	CONTRA AG.100BS.7,62M M/D	1	5.00	172.9537	864.77
305	71135073700	CONTRA AG.100BS.7,62M M/I	1	0.00	360.4238	0.00
306	71135073701	CONTRA AG.100BS.7,62M M/I	1	4.00	252.2966	1009.19
307	71135073801	CONTRA AG.100BS 7,62M M/D	1	0.00	252.2966	0.00
308	71144270103	AG.100BS.5,486M M/I	1	18.00	526.2219	9471.99
309	71144270109	AGUJA 100BS.5,486MM M/I	1	0.00	105.2443	0.00
310	71144270203	AG.100BS.5,486M M/D	1	19.00	14.4271	274.11
311	71147000001	AG.100BS.5,486M JUEGO COMPLETO	1	5.00	0.0973	0.49
312	71147010009	AGUJA 100BS.8,052M 1/2JUE.M/I	1	0.00	0.0139	0.00
313	71147020001	AG.100BS.5,486M 1/2JUEGO	1	4.00	0.0973	0.39
314	71147020003	AG.100BS.5,486M 1/2JUEGO	1	0.00	0.0695	0.00
315	71147020009	AG.100BS.5,486M 1/2 JUEGO	1	0.00	0.0139	0.00
316	71147030001	AG.100BS.5,486M JUEGO COMPLETO	1	0.00	0.0973	0.00
317	71147040003	AG.100BS5,486M 1/2JUEG M/I	1	1.00	0.0695	0.07
318	71147050001	AGUJA 100BS.5,486M JUEGO COMPL	1	0.00	0.0973	0.00
319	71147060003	AG.100BS.5,486M 1/2 JUEGO M/D	1	1.00	463.4022	463.40
320	71147070101	AG.100BS.5,486M M/I	1	0.00	76.7666	0.00
321	71147070103	AG.100BS.5,486M. M/I	1	3.00	54.8333	164.50
322	71147070201	AG.100BS.5,846M M/D	1	0.00	198.2330	0.00
323	71147070203	AG.100BS.5,846M M/D	1	2.00	141.5950	283.19
324	71147072900	CONTRA AG.100BS.10,668M	1	6.00	1999.6452	11997.87
325	71147072901	CONTRA AG.100BS.10,668MM	1	7.00	1399.7516	9798.26
326	71147073000	CONTRA AG.100BS.10,668M M/D	1	0.00	1999.6452	0.00
327	71147073001	CONTRJA.DE 100 LBS.DE 10,66.MD	1	4.00	1399.7516	5599.01
328	71147073100	CONTRA AG.100BS.10,668M M/I	1	0.00	463.4021	0.00
329	71147073101	CONTRA AG.100BS.10,668M M/I	1	2.00	324.3814	648.76
330	71147073103	CONYRA AG.100BS 10,668M M/I	1	1.00	231.7010	231.70
331	71147073200	CONTRA AG.100BS.10,668M M/D	1	0.00	463.4021	0.00
332	71147073201	CONTRA AG.100BS.10,668M M/D	1	0.00	324.3814	0.00
333	71147073203	CONTRA AG.100BS.10,668M M/D	1	3.00	231.7010	695.10
334	71149470203	AG.85 FCS.4,572M M/D	1	1.00	72.3550	72.36
335	71156000000	AG.100BS.6,401M JUEG.COMP.	1	1.00	0.1391 #	0.14
336	71156010002	AG.100BS.6,450M M/D	1	0.00	0.2382	0.00
337	71156010003	AG.100BS.6,401M 1/2 JUEGO M/I	1	0.00	0.2382	0.00
338	71156020003	AG.100BS.6,401M 1/2JUEG M/D	1	0.00	3224.9592	0.00
339	71156070101	AG.100BS.6,401M M/I	1	4.00	217.5708	870.28
340	71156070103	AG.100BS.6,401M M/I	1	4.00	155.4077	621.63
341	71156070201	AG.100BS.6,401M M/D	1	0.00	223.4626	0.00
342	71156070203	AG.100BS.6,401M M/D	1	11.00	159.6162	1755.78
343	71174430001	AG.100BS.8,534M	1	1.00	138.1323	138.13
344	71174470101	AG.100BS.8,534M M/I	1	1.00	101.2970	101.30
345	71186470101	AG.100BS.3,658M. M/I	1	6.00	0.0973	0.58
346	71186470201	AG.100BS.3,658M M/D	1	6.00	0.0973	0.58
347	71189400001	AG 100FCS.4,572M	1	0.00	0.0973	0.00
348	71189400002	AG.100FCS.4,572M	1	0.00	0.0695	0.00

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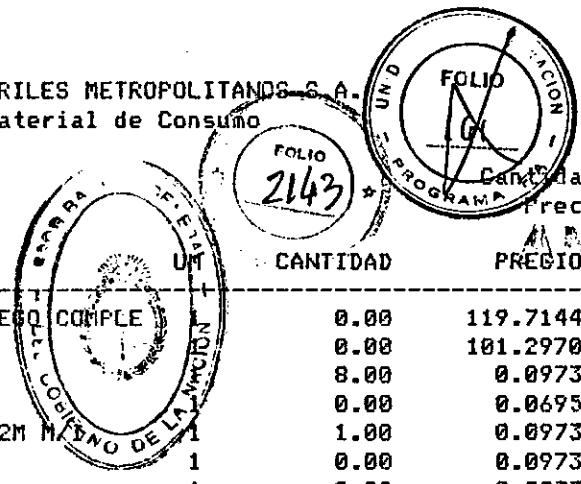
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 7

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

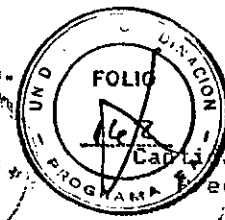
Cantidades al: 31/09/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PREGIO	IMPORTE
349	71189440001	AG.100FCS 4,572M JUEGO COMPLE	1	0.00	119.7144	0.00
350	71189470101	AG.100FCS.4,572M M/I	1	0.00	101.2970	0.00
351	71189470201	AG.100FCS.4,572M M/D	1	8.00	0.0973	0.78
352	71189470203	AG.100FCS.4,572M M/D	1	0.00	0.0695	0.00
353	71189473201	CONTRA AG.100FCS.7,62M M/I	1	1.00	0.0973	0.10
354	71192472901		1	0.00	0.0973	0.00
355	71192473001		1	0.00	0.0973	0.00
356	71195420003	AG.100FCS.6,401M 1/2 JUEGO	1	1.00	1710.2235	1710.22
357	71195430003	AG.100FCS.6,401M M/I	1	2.00	3420.4474	6840.89
358	71195470100	AG.100BS.6,450M M/I	1	0.00	1447.1110	0.00
359	71195470101	AG.100BS.6,450M M/I	1	0.00	1012.9777	0.00
360	71195470201	AG.100FCS.6,401M M/I	1	1.00	5.8518	5.85
361	71423410001	CRUZAMIENTO 85BS AGUDO 1=10	1	3.00	3683.5587	11050.68
362	71426410201	CRUZ.85BS.AGUDO 1=12	1	0.00	847.2177	0.00
363	71427010201	CRUZ.100BS.AG.1=12 MONOBLOCK	1	0.00	884.0531	0.00
364	71445410101	CRUZ.85FCS.AG.1=8	1	1.00	847.2177	847.22
365	71445410201	CRUZ.85FCS.AG.1=8	1	6.00	0.0973	0.58
366	71445412900	RULON DE 22,2 X 356 mm.	1	0.00	0.1391 #	0.00
367	71446410003	CRUZ.85LBS.AG.1=8	1	0.00	3946.6703	0.00
368	71447110001	CRUZ.85LBS.AG.1=10	1	0.00	7367.1100	0.00
369	71449410001	CRUZ.85FCS.AG.1=10	1	1.00	847.2177	847.22
370	71449410101	CRUZ.85FCS.AG.1=10	1	0.00	884.0531	0.00
371	71456312901	RIEL ALA85FCS. M/I	1	1.00	0.0973	0.10
372	71456313001	RIEL ALA 85FCS M/D	1	1.00	64.4611	64.46
373	71476232801	CONTRA RIEL 100BS.ACODADO4,27M	1	3.00	46.0434	138.13
374	71480113101	RIEL ALA 100BS.2,812M	1	1.00	29.4672	29.47
375	71502110001	CRUZ.100BS.AG.1=8	1	5.00	221.0124	1105.06
376	71502110003	CRUZ.100BS.AG.1=8	1	1.00	157.8660	157.87
377	71502110009	CRUZ.100BS.AG.1=8	1	0.00	31.5732	0.00
378	71502114401	RIEL DE PUNTA DE 3,642M	1	1.00	0.0973	0.10
379	71512410001	CRUZ.100BS.AGUDO 1=8	1	10.00	865.6353	8656.35
380	71512410003	CRUZ.100BS.AG.1=8	1	2.00	618.3109	1236.62
381	71512410101	CRUZ.100BS.AG.1=8 M/I	1	8.00	865.6353	6925.09
382	71512410105	CRUZ.100BS.AG.1=8 M/I	1	0.00	370.9865	0.00
383	71512410109	CRUZ.100BS.AG.1=8 M/I	1	0.00	123.6621	0.00
384	71512410201	CRUZ.100BS.AG. 1=8	1	5.00	3499.3805	17496.90
385	71512410205	CRUZ.100BS.AG.1=8	1	4.00	1499.7345	5998.94
386	71518110001	CRUZ.100BS.AG.1=10	1	7.00	4.9182	34.43
387	71518110003	CRUZ.100BS.AG.1=10	1	2.00	3.5130	7.03
388	71521410201	CRUZ.100BS.AG.1=8	1	0.00	847.2177	0.00
389	71526410001	CRUZ.100BS.AG.1=10	1	0.00	0.0973	0.00
390	71526410003	CRUZ.100BS.AG.1=10	1	0.00	0.0695	0.00
391	71526410100	CRUZ.100BS. AG.1=10	1	0.00	0.1391 #	0.00
392	71526410101	CRUZ.100BS.AG.1=10 M/D	1	14.00	0.0973	1.36
393	71526410201	CRUZ. 100BS.AG.1=10 M/D	1	0.00	0.0973	0.00
394	71526410203	CRUZ.100BS.AG.1=10 M/D	1	0.00	0.0695	0.00
395	71540410000	CRUZ.100BS.AG 1=12	1	0.00	0.1391 #	0.00
396	71540410001	CRUZ.100BS.AG.1=12	1	1.00	0.0973	0.10
397	71540410005	CRUZ.100BS. AG 1=12	1	0.00	0.0417	0.00
398	71540410101	CRUZ.100BS.AG.1=12	1	4.00	55.2523	221.01
399	71540410105	CRUZ.100BS.AG.1=12	1	1.00	23.6795	23.68
400	71540410201	CRUZ.100BS.AG.1=12	1	0.00	884.0531	0.00
401	71554400001	CRUZ.100FCS AGUDO 1=8	1	3.00	204.6573	613.97
402	71554410001	CRUZAMIENTO 100FCS.AGUDO 1:8	1	0.00	7367.1100	0.00
403	71554410101	CRUZAMIENTO 100FCS.AGUDO 1:8	1	4.00	3683.5587	14734.23
404	71554414601	PUNTA CORAZON 100FCS.	1	0.00	92.0879	0.00
405	71582700100	DESVIACION 1:8 IZQUIERDA	1	3.00	539.3768	1618.13
406	71582700200	DESVIACION 1:8 DERECHA	1	3.00	2206.5487	6619.65

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Emisión: 10/11/94

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Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

Capitales al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
407	71638110001	CRUZAMIENTO 85FCS.OBTUSO 1:8	1	0.00	0.0973	0.00
408	71653010001	CRUZAMIENTO 100BS.OBTUSO 1:8	1	13.00	12633.1459	164230.90
409	71653010003	CRUZAMIENTO 100BS.OBTUSO 1:8	1	6.00	9023.6756	54142.05
410	71653010005	CRUCE OBTUSO BS. 1:8	1	3.00	5414.2053	16242.62
411	71653010009	CRUZAMIENTO 100BS.OBTUSO 1:8	1	0.00	1804.7351	0.00
412	71653012701	CONTRA RIEL ACOD.100BS.3,35MM	1	28.00	451.4934	12641.82
413	71663410000	CRUZAMIENTO 100FCS.OBTUSO 1:8	1	0.00	4999.1150	0.00
414	71725010001	CORAZON MONOBLOCK 1:8 AGUDO	1	8.00	0.0973	0.78
415	71725010011	CORAZON MONOBLOCK 1:8 AGUDO	1	0.00	210.1241	0.00
416	71726010001	CORAZON MONOBLOCK 1:10 AGUDO	1	2.00	0.0973	0.19
417	71726010003	CRUZAMIENTO 100BS.1:10 AG.MON.	1	0.00	0.0695	0.00
418	72009510001	MARMITA PARA CAMBIO	1	12.00	0.0973	1.17
419	72472710000	REJA GUARDAGANADO	1	25.00	2104.8895	52622.24
420	72518000000	TABLERO PRECAUCION PARA PUENTE	1	2.00	0.0000	0.00
421	72610100000	PARAGOLPE	1	0.00	1182.1797	0.00
422	72700052800	CAJA SCORIA	1	0.00	45.1183	0.00
423	72700101000	CORONA PARA CRISOL	1	1.00	53.1393	53.14
424	72700101200	TAPA PARA CRISOL	1	0.00	20.0526	0.00
425	72700202000	PORCION SOLDADURA 85FCS.	1	1681.00	28.3744	47697.37
426	72700202500	PORCION SOLDADURA 100FCS	1	462.00	31.2820	14452.28
427	72700203000	FORC.P/SOLDADURA DE 100LBS.	1	687.00	33.2171	22820.15
428	72700251500	MOLDE PARA RIEL 100FCS.	1	515.00	5.5319	2848.93
429	72700252000	MOLDE REFRACTARIO	1	427.00	4.3590	1861.29
430	72700252500	MOLDE REFRACTARIO	1	222.00	4.3590	967.70
431	72700253000	PASADO A CUENTA 72700253600	1	0.00	4.2287	0.00
432	72700253400	MOLDE PARA RIEL 85LBS.	1	32.00	4.2110	134.75
433	72700253600	MOLDE PARA RIEL 85FCS.	1	1298.00	4.2287	5488.85
434	72700300500	ARENA REFRACTARIA	4	1550.00	0.2778	430.59
435	72700302000	BUSETA P/CRISOL	1	220.00	0.7411	163.04
436	72700302500	FORRO P/MAGNESITA	1	0.00	82.8069	0.00
437	72700303000	TAZA REFRACT.P/SOLDAR	1	1487.00	0.7620	1133.09
438	73304700000	DESVIACION LADO IZQUIERDO	1	2.00	2186.4915	4372.98
439	73305700000	DESVIACION LADO DERECHO	1	4.00	3617.1050	14468.42
440	73317700000	DESVIACION 1:10 LADO DERECHO	1	2.00	3130.8585	6261.72
441	73327700000	APARATO DE VIA U50 1:12 MON.	1	0.00	1764.8395	0.00
442	73430700000	CRUZAMIENTO UNION DOBLE	1	4.00	13031.0615	52124.25
443	73900283900	ECLISA 100FCS.4 AGUJEROS	1	0.00	119.4415	0.00
444	73900284000	RIEL 68 LBS.9,14 M	1	8.00	477.7701	3822.16
445	73900284100	CONTRARIEL ACORDADO 100BS.2,60	1	0.00	429.9933	0.00
446	73900284200	CONTRA AGUJA 74LBS.7,04M	1	0.00	836.0990	0.00
447	73900284300	CONTRA RIEL ACOD.100FCS.2,60M	1	0.00	429.9933	0.00
448	73900284400	AGUJA 74LBS.4,572M.JUEG.COMPLE	1	0.00	5255.4885	0.00
449	73900284500	CONTRA AGUJA 52LBS.7,62M	1	0.00	621.1018	0.00
450	73900284600	AGUJA 52 LBS.4,572M	1	0.00	119.4415	0.00
451	73900284700	CRUZAMIENTO 65FCS.1:8 AGUDO	1	0.00	4777.7172	0.00
452	73900284800	CRUZAMIENTO ARMADO 68FCS.1:5,5	1	0.00	4777.7172	0.00
453	73900284900	RIEL 58 LBS.7,62M	1	0.00	358.3275	0.00
454	73900285000	RIEL Y CONTRA RIEL 85FCS.	1	0.00	1194.4283	0.00
455	73900287900	PARAGOLPES COMPLETOS	1	5.00	4777.7172	23888.59
456	74100050030	GANCHO DE MALLAS GRANDES P/CAD	1	39.00	4.3390	169.22
457	74100071100	POLEA HORIZONTAL	1	0.00	72.9792	0.00
458	74100072600	RONDANA	1	1.00	10.5226	10.52
459	76600011010	LATERAL AISLANTE DE 4 AGUJEROS	1	0.00	16.0420	0.00
460	76600011020	LATERAL AISLANTE DE 6 AGUJEROS	1	93.00	20.0526	1864.89
461	76600011800	CHAPA ENTRERIEL "B" AISLANTE	1	50.00	8.0210	401.05
462	76600050900	BUJE AISLANTE	1	514.00	2.4197	1243.73
463	76600170250	ECLISA CEPILLADA 4 AGUJ.P/U36	1	37.00	7.5884	280.77
464	76600170280	ECLISA CEPILLADA 6 AGUJAS U50	1	0.00	0.3104	0.00

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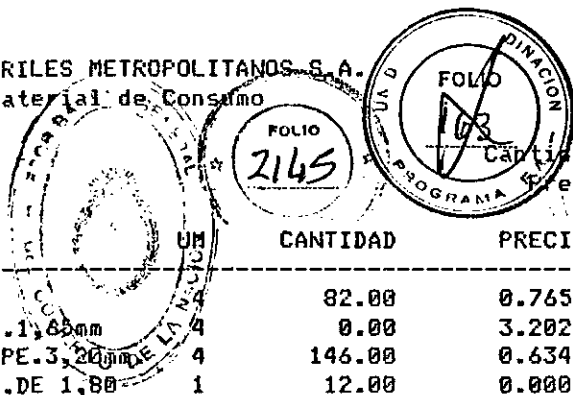
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

Página: 9

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
465	80010522250	CHAPA LISA 1,58 MM	4	82.00	0.7652	62.75
466	80010560250	ACERO AL CARBONO ESP.1,80mm	4	0.00	3.2022	0.00
467	80010720030	CHAPA LISA LAMINA.ESPE.3,20mm	4	146.00	0.6343	92.61
468	80011460521	CHAPA ACANALADA GALV.DE 1,80	1	12.00	0.0000 +	0.00
469	80011460560	CHAPA ACANALADA DE 8 N 22	1	21.00	0.1391 #	2.92
470	80011460580	S/D	1	0.00	23.6493	0.00
471	80012020160	HIERRO 15,9 MM	4	0.00	1.0026	0.00
472	80012021160		4	0.00	0.0000 +	0.00
473	80012420100	ACERO REDONDO P/HORMIG.D.10mm.	4	0.00	1.8642	0.00
474	80012520100	ACERO ALETADO TENSION 2.400KS	4	0.00	1.7187	0.00
475	80012920070	ACERO CUADRADO DE 7,9MM	4	1.50	1.9491	2.92
476	80012920160	ACERO EN BARRA CUAD.DIAM.15,9m	4	43.50	0.8142	35.42
477	80012920260	ACERO EN BARRA CUAD.DIAM.25,4M	4	274.50	0.8028	220.37
478	80012920280	ACERO EN BARRA CUAD.DIAM.28,6M	4	16.00	0.8956	14.33
479	80013120160	ACERO EXAGONAL 15 mm.	4	5.50	2.5032	13.77
480	80013720280	PLANCHUELA DE 2,54x3,17 mm.	4	10.50	0.9825	10.32
481	80013720340	PLANCHUELA	4	0.00	0.9825	0.00
482	80013720380	PLANCHUELA ESP.3,17xANCH.50,8m	4	77.50	2.1748	168.55
483	80013720410	PLANCHUELA DE H. DE 3,17x60,3	4	31.00	0.5549	17.20
484	80013720840	PLANCHUELA DE 4,8mm.	4	10.50	1.7090	17.94
485	80013721020	ACERO PLANCH.4,8x63,5 mm.	4	80.00	0.2092	16.74
486	80013721120	PLANCH.DE H.DE 4,8x101,6 MM	4	176.50	2.1097	372.36
487	80013721680	ACERO EN PLANCHUELA	4	167.40	0.9023	151.05
488	80013721780	PLANCHUELA ESP.6,3xANC.114,3mm	4	210.00	3.5665	748.97
489	80013722180	PLANCHUELA ESP.7,9xANC.31,7mm.	4	0.00	1.8004	0.00
490	80013722600	PLANCHUELA ESP.9,5xANCH.31,7mm	4	0.00	1.3234	0.00
491	80013722640	PLANCHUELA ESP.9,5xANCH.38,1mm	4	0.00	1.3875	0.00
492	80013722680	ACERO EN PLANCHUELA	4	164.00	1.0088	165.44
493	80013722700	PLANCHUELA ESP.9,5xANCH.51,7mm	4	162.00	1.3234	214.39
494	80013722720	PLANCHUELA ESP.9,5xANCH.63,5mm	4	116.50	1.4408	167.85
495	80013722780	PLANCH.DE H.DE 9,5x88,9 MM	4	0.00	1.9379	0.00
496	80013723460	PLANCHUELA LAMINADO 12,7 mm.	4	0.00	56.1472	0.00
497	80013723480	ACERO EN PLANCHUELA	4	56.09	1.3234	74.23
498	80013723500	ACERO EN PLANCHUELA	4	0.00	1.5249	0.00
499	80013723560	PLANCHUELA AL CARBONO 12,7mm.	4	170.50	2.0512	349.73
500	80013724200	PLANCH.DE H.DE 50x15,87 MM	4	77.00	2.1135	162.74
501	80013724750	ACERO PLANCHUELA	4	120.00	2.0911	250.93
502	80013729360	ACERO	4	0.00	2.8136	0.00
503	80014421080	FLEJE DE ACERO 38 mm.	4	0.00	3.0079	0.00
504	80015420140	HIERRO ANGULO 1X1X3	4	0.00	4.4186	0.00
505	80015420310	PERFIL ANGULO L.38X38	4	101.00	1.2031	121.51
506	80015921550	ACERO ANGULO 1 1/4x1 1/4"	4	23.00	0.1391 #	3.20
507	80019092300	TRAMO PUENTE METALICO	4	12.00	152.6030	1831.24
508	80019999990	FLEJE DE 38,3 mm.	4	0.00	0.8635	0.00
509	80200100010		4	0.00	0.0000 +	0.00
510	80200110100	CHATARRA (BARRILONES)	4	248750.00	0.1499	37287.63
511	80200120010	CHATARRA FERROSA GRUPO II	4	3.00	0.1426	0.43
512	80200150010	CHATARRA (MATERIAL CHICO)	4	22421.00	0.1128	2529.89
513	80200170010	CHATARRA LIVIANA	4	30000.00	0.0742	2226.00
514	80681110640	TUERCA HEXAG. 6,4MM. 1/4" 20H.	4	6.00	12.3409	74.05
515	80681110790	TURCA EXAG.ROSCA W AJUSTE VAST	4	7.50	3.7172	27.88
516	80681110950	TUERCA HEXAG.9,5MM. 3/8" 16H.	4	5.25	3.2848	17.25
517	80681111270	TUERCA HEXAG. 12,7MM. 1/2" 12H	4	5.50	3.7172	20.44
518	80681111580	TUERCA HEXAG. 15,8MM. 5/8" 11H	4	20.00	3.2436	64.87
519	80681111910	TUERCA HEXAG. 19,1MM. 3/4" 10H	4	11.00	3.3258	36.58
520	80681112540	TUERCA HEXAG. 25,4MM. 1" 8H.	4	76.00	3.3258	252.76
521	80681113170	TUERCA EXAG.31,7mm.DE 7 HILOS	4	10.00	3.2950	32.95
522	80710111120	ALAMBRE DE ACERO N 12 2,64 MM	4	354.50	3.4196	1212.25

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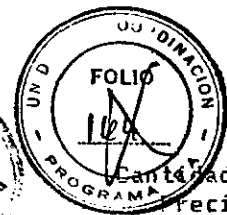
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 10

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
523	80710111160	ALAMBRE DE ATAR.		77.50	4.6997	364.23
524	80710111180	ALAMBRE H.GDO.N 18		385.50	4.7123	1816.59
525	80710221080	ALAMBRE NEGRO DE 4,06 MM	4	0.00	3.0584	0.00
526	80710221120	ALAMBRE NEGRO DE 2,64 MM	4	30.50	3.3722	102.85
527	80710221140	ALAMBRE DULCE 2,03 mm.	4	0.00	4.9767	0.00
528	80712611120	ALAMBRE DE PUA	4	0.00	11.0289	0.00
529	80740110660	ALAMBRE TEJIDO	3	10.00	0.5245	5.25
530	80740111460	ALAMBRE H.GDO.MALLA DE 50,8MM	3	250.00	3.0079	751.98
531	80797110300	CABLE ACERO FLEXIBLE	3	0.00	9.7836	0.00
532	80850111040	CANO H.F. DE 100 m.	1	18.00	48.0927	865.67
533	80855090300		1	0.00	0.0000 +	0.00
534	80890210150	CANO DE 1/2'	3	0.00	1.5039	0.00
535	80890210200	CANO DE ACERO DE 3/4'	3	0.00	1.9358	0.00
536	80890210320	CANO DE ACERO	3	12.80	5.2838	67.63
537	80890210400	CANO DE ACERO	3	8.80	4.0105	35.29
538	80890210500	CANO DE ACERO DE 2'	3	19.20	7.8466	150.65
539	80890210650	CANO DE ACERO DE 2 1/2'	3	17.60	7.1259	125.42
540	80890210801	CANO GALVANIZ DE 3" x 6 mm.	3	26.00	8.5223	221.58
541	80890211500	CANO HG DE 6"	3	7.00	18.5357	129.75
542	80890211501	CANO GALVANIZ. DE 6" x 6,5 mm.	1	10.00	18.5357	185.36
543	80891030500	BRIDA	1	4.00	2.0052	8.02
544	80891330250	CODO DE 90 GDO.DE 1"	1	0.00	2.4564	0.00
545	80891330400	CODO A 90 GDO. DE 11/2"	1	6.00	4.7366	28.42
546	80891330500	CODO A 90 GDO DE 2"	1	12.00	6.0158	72.19
547	80892430250	CUPLA DE 1"ROSCA INTERNA	1	0.00	2.1019	0.00
548	80892430320	1	1	6.00	2.6469	15.88
549	80892430400	CUPLA DE 1.1/2"ROSCA INTERNA	1	22.00	2.0902	45.98
550	80892430500	CUPLA DE 2" ROSCA INTERNA	1	19.00	4.3762	83.15
551	80892430650	CUPLA NORMAL DES.COMERC.2.1/2"	1	6.00	7.4941	44.96
552	80892430800	CUPLA DE 3" ROSCA INTERNA	1	1.00	11.0289	11.03
553	80892431000	CUPLA NORMAL DES.COMERC.4"	1	2.00	22.0578	44.12
554	80892431500	CUPLA NORMAL DES.COMERC.6"	1	3.00	5.0131	15.04
555	80892530210	CUPLA REDUCCION 3/4X1/2"R.INT.	1	0.00	1.5039	0.00
556	80892530270	CUPLA REDUCCION CONCENTRICA	1	0.00	2.3461	0.00
557	80892530280	CUPLA REDUCCION CONCENTRICA	1	7.00	3.0787	21.55
558	80892530400	CUPLA REDUCCIN CONCENTRICA	1	3.00	4.0105	12.03
559	80892530410	CUPLA DE 1.1/2"	1	2.00	1.8047	3.61
560	80892740150	CURVA H. GDO. 1/2"	1	0.00	3.0723	0.00
561	80892740200	CURVA H.GDO. 3/4"	1	0.00	2.8136	0.00
562	80892740250	CURVA H.GDO.1"	1	0.00	3.8762	0.00
563	80892740320	CURVA H.GDO. 1 1/4"	1	0.00	6.2263	0.00
564	80892740400	CURVA H.GDO. 1 1/2"	1	0.00	0.3092	0.00
565	80892740500	CURVA H.GDO.CORTA 90. 50779 MM	1	5.00	13.4384	67.19
566	80893350250	ENTRE ROSCA NORMAL DE 1'	1	5.00	1.8047	9.02
567	80893350500	ENTRE ROSCA NORMAL 2" CON EXAG	1	1.00	6.2612	6.26
568	80893850200	TAPONES SIN BORDES	1	0.00	0.8322	0.00
569	80893850250	TAPONES SIN BORDE	1	0.00	0.8544	0.00
570	80893850400	TAPONES SIN BORDE DE 11/2'	1	3.00	2.4300	7.29
571	80894230150	TE. NORMAL DE 1/2'	1	2.00	1.2733	2.55
572	80894230200	TE. NORMAL DE 3/4'	1	0.00	4.1188	0.00
573	80894230250	TE. NORMAL DE 3'	1	2.00	5.3948	10.79
574	80894230500	TE.NORMAL DE 2'	1	3.00	6.1784	18.54
575	80894430260	TE. REDUCCION 1X1/2'	1	3.00	3.0753	9.23
576	80894430270	TE. REDUCCION DE 1X3/4X1'	1	8.00	6.0158	48.13
577	80895230200	CONTRATUERCA H.GDO. 3/4"	1	5.00	1.0483	5.24
578	80895230400	CONTRATUERCA COMUN DE 1'1/2'	1	10.00	0.3509	3.51
579	80895230500	CONTRATUERCA COMUN DE 2'	1	5.00	0.1391 #	0.70
580	80896030400	UNION DOBLE DE 1 1/2'	1	3.00	14.2563	42.77

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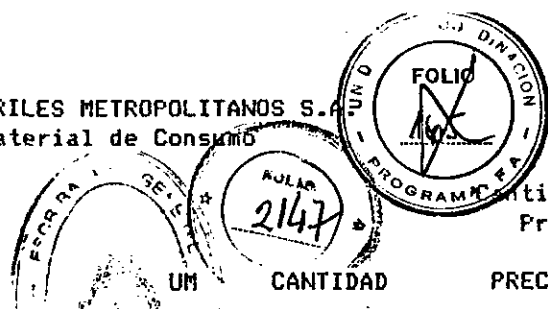
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 11

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

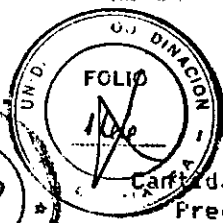
Antidades al: 31/09/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
581	80910610310	CANO FLEXIBLE		48.00	1.0026	48.12
582	80912030120	CODO DE 1/2"	1	5.00	0.0000 +	0.00
583	80930110400	TUBOS DE ACERO	3	69.00	14.3182	987.96
584	81200210201	CANO FIBROCEMENTO 6" x 4 mm.	1	11.00	0.0000 +	0.00
585	81201120300	CANO DE H. DE 12" x 1,2 mm.	1	30.00	0.0000 +	0.00
586	81201810100	CANO DE PLOMO TIPO LIVIANO	4	9.86	1.6543	16.31
587	81201810150	CANO DE PLOMO DE 19 MM	4	34.29	1.6543	56.73
588	81201810200	CANO DE PLOMO	4	17.70	1.6543	29.28
589	81201810300	CANO PLOMO 1 1/4"	4	21.40	2.5990	55.62
590	81201810350	CANO DE PLOMO DE 38 MM	4	149.50	1.6543	247.32
591	81201830500	CANO DE PLOMO TIPO III DESAGUE	4	31.50	1.6543	52.11
592	81203010100	CURVA C/ESP.Y ENCHUF.DIA.100MM	1	2.00	1.4588	2.92
593	81205250350	SIFON "S"DIAM.INT.38,1 mm.	1	3.00	2.5451	7.64
594	81210940150	FILETA DE PATIO	1	2.00	0.0000 +	0.00
595	81213230121	DEPOSITO PARA INODORO	1	10.00	40.3374	403.37
596	81213410000	DESCARGA PARA MINGITORIO	1	3.00	141.0230	423.07
597	81213530081	DEPOS. P/MINGITORIO	1	5.00	0.0000 +	0.00
598	81220110010	ASIENTOS CON TAPA P/INODOROS	1	2.00	67.0154	134.03
599	81221810010	INODORO DE PALANGANA A LA TUER	1	1.00	157.9684	157.97
600	81250110200	CANILLA SERV.SANITARIO DE 3/4'	1	4.00	12.0316	48.13
601	81250310250	CANILLA BRONCE 1"	1	0.00	13.0345	0.00
602	81251210200	LLAVES DE PASO	1	1.00	14.7086	14.71
603	81251210250	LLAVE PASO BRONCE 1"	1	3.00	17.1663	51.50
604	81263210200	CODO H.GDO. 4"	1	11.00	0.1391 #	1.53
605	81271005760	VALVULA EXCLUSIVA 3"	1	1.00	0.0000 +	0.00
606	81271006010	VALVULA EXCLUSIVA DE 4"	1	1.00	0.0000 +	0.00
607	81271006520	VALVULA EXCLUSIVA 6"	1	3.00	0.0000 +	0.00
608	81274650300	LLAVE PASO BRONCE DE 1 1/2"	1	10.00	0.1391 #	1.39
609	81400120020	ARENA EN GRANO MEDIANOS	8	0.00	17.0377	0.00
610	81402410300	CAL HIDRATADA, HIDRAULICA	4	0.00	0.1002	0.00
611	81402910050	CEMENTO DE ALBANILERIA	4	0.00	0.2303	0.00
612	81403010500	CEMENTO PORTLAND EN POLVO	4	0.00	7.7232	0.00
613	81410910130	MOSAICO GRANITICO	6	100.00	14.7887	1478.87
614	81421771150	PEDREGULLO 3/4"	9	0.00	27.3585	0.00
615	81431731900	CUMBRERAS P/CHAPAS DE DOS PIEZ	1	22.00	0.1391 #	3.06
616	81436320101	GRAMPAS P/CANLETAS	1	163.00	0.0000 +	0.00
617	81437240100	TEJAS TIPO SACOMAN	1	150.00	5.2604	789.06
618	81440330100	VIDRIO TRIPLE 3,7 mm.	6	0.00	34.8344	0.00
619	81600411270	CEDRO 38x304 MM	6	0.00	20.1020	0.00
620	81600411400	CEDRO 50x304 MM	6	0.00	66.1735	0.00
621	81601413950	PINO PARANA 1"x3"	6	0.00	13.2863	0.00
622	81601414207	MADERA DE 1x8"	6	0.00	2.9368	0.00
623	81601414307	MADERA DE 1x10"	6	0.00	4.7351	0.00
624	81601414407	PINO PARANA 1"x12	6	0.00	0.0752	0.00
625	81601414600	PINO 1 1/2"x6"	6	0.00	0.0000 +	0.00
626	81601415007	MADERA PRODUCIDA DE 2" x 3"	6	14.24	0.0000 +	0.00
627	81601415450	PINO PARAN 2"x12"	6	0.00	14.4131	0.00
628	81601415607	MADERA DE 3x3"	6	13.60	2.8073	38.18
629	81601415907	MADERA DE 3x9"	6	7.60	9.2242	70.10
630	81601416107	MADERA PROD. DE 4" x 4"	6	8.00	5.6501	45.20
631	81601416207	PINO PARANA 4"x6"	6	0.00	2.4329	0.00
632	81601416357	MADERA DE 4x9"	6	0.00	3.8541	0.00
633	81601419000		6	0.00	15.5494	0.00
634	81601419007	MADERA PRODUCIDA DE 1x2"	6	0.00	3.1098	0.00
635	81601461307	MACHIMBRE DE 1"x3"	6	0.00	2.2316	0.00
636	81601461557	MADERA DE 1/2x6"	6	0.00	1.7810	0.00
637	81605211550	MACHIMBRE 25,4x152,4 MM	6	0.00	0.1391 #	0.00
638	81605411550		6	0.00	38.1478	0.00

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Handwritten mark resembling a checkmark or the letter 'A'.



Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

Caridades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM.	CANTIDAD	PRECIO	IMPORTE
639	81605411557	MACHIMBRE DE 1x6"	6	3.00	7.6295	22.89
640	81620912100	MADERA CURUPAY 38x305 mm	6	3.18	4.9741	15.82
641	81620912600	MADERA CURAPAY 50x305 MM	6	10.50	40.5045	425.30
642	81620914300	MADERA CURUPAY 101x405 mm	6	28.20	69.0089	1946.05
643	81622414100	LAPACHO 2x3"	6	4.50	36.7350	165.31
644	81622511100	LAPACHO 1x12"	6	0.00	37.7033	0.00
645	81622511600	LAPACHO DE 50x305	6	2.95	98.6444	291.00
646	81630410200	MADERA TERCIADA 3 MM	6	20.48	5.2424	107.36
647	81630410650	MADERA TERCIADA DE 4MM	6	0.00	5.2239	0.00
648	81630421300	MADERA TERCIADA CEDRO	6	19.16	0.1391 #	2.67
649	81651520250	BISAGRA 1 1/2"x3 1/2"	1	1.00	10.9805	10.98
650	81752042540	BISAGRA "T" DE 254MM. X 2,5MM.	1	5.00	3.6542	18.27
651	81752044060	BISAGRA (T) ACERO ACHAROLADO	1	9.00	12.1675	109.51
652	81756922030	PASADORES 8"C/PERILLA BRONCE	1	2.00	13.2597	26.52
653	81756924500	PASADORES 18" CHATO	1	2.00	0.1391 #	0.28
654	81760231750	BISAGRA BRONCE 2x1/8"	1	0.00	0.1391 #	0.00
655	81760231800	BISAGRA BRONCE 2x1 1/2"	1	0.00	0.1391 #	0.00
656	81760232350	BISAGRAS BRONCE 2x1 3/4"	1	0.00	0.0000 +	0.00
657	81761510630	CERRADURAS	1	0.00	0.1391 #	0.00
658	81833530141	FARANTE FREMOLDEADO DE 2,4 m.	1	4.00	0.0000 +	0.00
659	81833910250	POSTE P/ALAMBRADO	1	0.00	54.3576	0.00
660	81837010421	FARANTE FREMOLD. DE 4 mm.	1	1.00	0.0000 +	0.00
661	81970110050	BARRIL	1	1.00	225.0153	225.02
662	82290832300	PIEDRA PARA AFILAR GUADANA	1	20.00	20.1455	402.91
663	82294570240	PAPEL DE LIJA DE 210 x 260mm.	1	10.00	0.2406	2.41
664	82294570300	PAPEL DE LIJA DE SILICE Nro.30	1	7.00	0.2468	1.73
665	82294570360	PAPEL DE LIJA GRANO Nro.36	1	6.00	0.2359	1.42
666	82294570540	PAPEL DE LIJA DE 210 x 260MM.	1	28.00	0.1953	5.47
667	82294570600	PAPEL DE LIJA EN HOJAS DE SILI	1	12.00	0.2105	2.53
668	82294710300	TELA ESMERIL GRANO 30 210MM.	1	2.00	0.5514	1.10
669	82294710460	TELA ESMERIL GRANO 50-210x270	1	3.00	0.5514	1.65
670	82294710540	TELA ESMERIL DE 210 x 270MM.	1	0.00	0.3322	0.00
671	82304633820	PIED.ESMER.COP.203x51x102 mm	1	21.00	0.1391 #	2.92
672	82330331000	ADHESIVO	4	5.00	0.0000 +	0.00
673	82337030150	MASILLA ESPECIAL	4	20.00	0.1391 #	2.78
674	82450140100	BALDE DE GOMA NEGRO CAPAC.10Ls	1	5.00	4.9323	24.66
675	82450150100	BALDE PLASTICO 20 LTS.	1	0.00	51.8579	0.00
676	82452010050	ESCOBAS DE PAJA DE GUINEA	1	0.00	5.7150	0.00
677	82452010150	ESCOBA DE PAJA DE 5 HILOS	1	0.00	2.2684	0.00
678	82452410200	FLUMEROS 500MM.DE LARGO	1	0.00	14.7354	0.00
679	82453310050	FRANELA AMARILLA DE 250GrS.	1	0.00	1.1897	0.00
680	82454320050	TRAPOS DE PISO DE 550x600MM.	1	0.00	0.9677	0.00
681	82454520050	TRAPO REJILLA DE ALGODON	1	29.00	0.5702	16.54
682	82455430100	JABON DE TOCADOR	1	0.00	0.1391 #	0.00
683	82455600100	JAVON DE POTASA EN PASTA	4	157.50	2.0052	315.82
684	82455890050	SODA DE LAVAR	4	32.50	1.1141	36.21
685	82456460050	LIMPIADORES P/VIDRIOS LIQUIDO	5	3.00	2.9558	8.87
686	82456560100	LIMPIADOR P/METALES ENV.500CM3	1	18.00	1.1887	21.40
687	82457910050	PAPEL HIGIENICO-ROLLOS 74MTS.	1	0.00	0.2506	0.00
688	82470110010	ESTOPA BLANCA P/ LIMPIEZA	4	163.00	0.9060	147.68
689	82475910010	TRAPOS DE ALGODON-FARDOS 50Kg.	4	0.00	2.4865	0.00
690	82477410100	TRAPO ALGODON DE 500mm.ANCHO	4	121.23	3.1611	383.22
691	82505030050	ESCOBILLONES	1	7.00	10.0712	70.50
692	82505031000	CEPILLO	1	16.00	0.5113	8.18
693	82601950700	HIDROXIDO DE SODIO USO INDUST.	4	11.50	2.2429	25.79
694	82601972000	SODA CAUSTICA	4	8.00	4.4413	35.53
695	82602730300	AZUFRE EN POLVO	4	34.50	0.1391 #	4.80
696	82603140500	BORAX	4	12.00	15.0952	181.14

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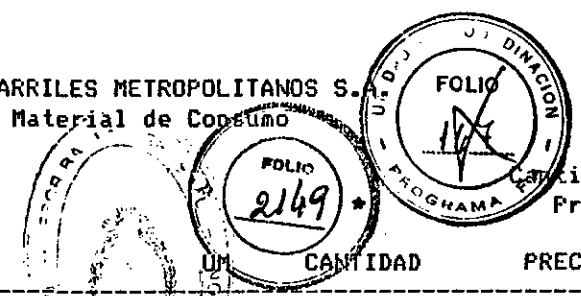
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ANEXO

Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

Validades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
697	82742010100	CARGA PARA EXTINGUIDORES 10LTS	1	48.00	6.8033	326.56
698	82760720600	ANTIPARRA USO INDUSTRIAL	1	0.00	12.0316	0.00
699	82760730300	ANTIPARRAS C/VISOR INCOLORO	1	0.00	3.4590	0.00
700	82761340120	BOTINES DE SEGURIDAD N 39	1	0.00	21.1411	0.00
701	82761340130	BOTINES DE SEGURIDAD N 40	1	0.00	21.1411	0.00
702	82761340140	BOTINES DE SEGURIDAD N 41	1	0.00	21.1411	0.00
703	82761340147	BOTIN DE SEG. N 41 DETERIORADO	1	0.00	4.2282	0.00
704	82761340150	BOTIN DE SEG. N 42	1	0.00	21.1411	0.00
705	82761340160	BOTIN DE SEG. N 43	1	0.00	21.1411	0.00
706	82761340170	BOTINES DE SEGURIDAD N 44	1	0.00	21.1411	0.00
707	82761340177	BOTIN DE SEG. N 44 (DETERIOR.)	1	0.00	4.2282	0.00
708	82761340180	BOTIN DE SEG. N 45	1	0.00	21.1411	0.00
709	82761340210	BOTIN USO GRAL NRO.48	1	0.00	20.5839	0.00
710	82761440480	ZAPATOS Nro 45	1	0.00	18.3699	0.00
711	82761740100	CASCOS DE SEGURIDAD	1	10.00	10.0262	100.26
712	82762120900	DELANTAL USO SOLDADOR	1	0.00	13.2748	0.00
713	82762524500	GUANTE GOMA USO INDUST.	1	0.00	3.8545	0.00
714	82762535000		1	0.00	5.7850	0.00
715	82762720150	S/D	1	2.00	5.0131	10.03
716	82763120200	MASCARAS USO/IND. (E/HERBICIDA)	1	8.00	30.8933	247.15
717	82763820300	PROTECTORES AUDIT. INT.	1	15.00	2.0052	30.03
718	82766410100	ANTIPARRAS	1	0.00	3.4496	0.00
719	82767810050	VIDRIOS INCOLOROS P/ANTIP.	1	21.00	0.1391 #	2.92
720	82767810120	VIDRIO SOLDADOR	1	9.00	1.1329	10.20
721	82767830900	VIDRIO P/CARETA SOLD.ELECTRIC.	1	0.00	1.3034	0.00
722	82863022380	GOMA EN PLANCHA SINT.12MM ESP.	4	2.00	0.1391 #	0.28
723	82903510100	MANGUERA	3	8.69	0.1391 #	1.21
724	82903520080	MANGUERA DE PVC.-DIAM.INT.25mm	3	60.00	16.0336	962.02
725	82904231400	MANGUERA 01	1	29.00	0.1391 #	4.03
726	83252420230	LETRA P/INDIC. DE ESTACION	1	77.00	0.0000 +	0.00
727	83252420350	LETRA P/INDICADOR DE ESTAC	1	435.00	0.0000 +	0.00
728	83252730011	CARTEL DE AVISO AL PUBLICO	1	7.00	0.1391 #	0.97
729	83351810200	TINTURA AMARILLA CROMO	4	25.00	0.1391 #	3.48
730	83354210250	OCRE INDIANA COLORADA	4	35.00	8.7282	305.49
731	83354410250	OCRE AMARILLO	4	22.00	0.1391 #	3.06
732	83360324400	PINTURA MARON OSCURO	5	48.00	0.1391 #	6.68
733	83374222340		5	0.00	36.6056	0.00
734	83374422300		5	0.00	0.0000 +	0.00
735	83374422340	ESMALTE ANTIOXIDO	5	40.00	7.5197	300.79
736	83382022000	PINTURA GRIS OSCURA	5	35.00	5.6529	197.85
737	83405030500	ALBAHALDE EN PASTA BLANCO	4	153.60	0.1391 #	21.37
738	83410110710	PINTURA ASFALTICA	4	49.00	0.6016	29.48
739	83430314250	ESMALTE SINT. GRIS OSCURO	5	0.00	5.6222	0.00
740	83430315500	ESMALTE SINT. BLANCO T. PURO	5	0.00	6.4358	0.00
741	83430315550	ESMALTE SINTETICO NEGRO	5	0.00	6.4002	0.00
742	83430315600	ESMALTE SINT. ALUMINIO PURO	5	0.00	5.0131	0.00
743	83430511870	ESMALTE SINT.NARANJA	5	87.50	6.2601	547.76
744	83430512230	ESMALTE SINT.VERMILLON	5	22.00	5.4743	120.43
745	83430513340	ESMALTE AMARILLO BRILLANTE	5	0.00	5.2413	0.00
746	83430513430	ESMALTE SINT.AMARILLO	5	0.00	6.4947	0.00
747	83430515530	ESMALTE SINT.AZUL	5	65.00	5.3507	347.80
748	83430516830	ESMALTE SINT.GRIS	5	0.00	3.4463	0.00
749	83430518040	SINTETICO BLANCO	5	14.00	20.7410	290.37
750	83430518240	ESMALTE SINTETICO NEGRO	5	0.00	5.4743	0.00
751	83450310180	BARNIZ SINT	5	27.00	3.4940	94.34
752	83490130750	ACEITE LINAZA	5	86.00	3.2966	283.51
753	83491520400	THINNER	5	0.00	3.4505	0.00
754	83500110080	PINCEL REDONDO	1	10.00	15.3190	153.19

ANEXO

Handwritten mark resembling a stylized 'A' or '1'.

Handwritten mark resembling a stylized 'A' or '1'.

Emisión: 10/11/94

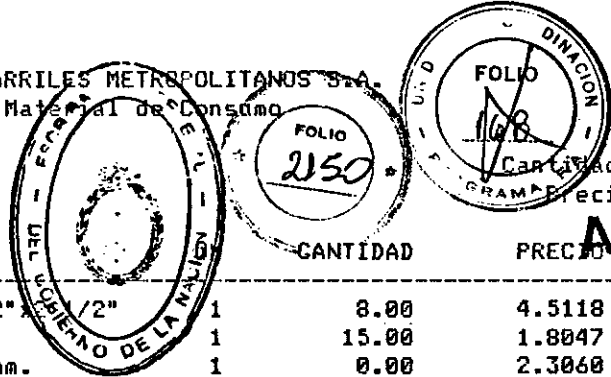
FERROCARRILES METROPOLITANOS S.A.

Materiales de Consumo

Página: 14

Línea : 21 ROCA

Almacén: 213406 V. Y O. LA PLATA



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
755	83500710140	PINCEL OVALADO DE 2" x 1/2"	1	8.00	4.5118	36.09
756	83500910040	1	1	15.00	1.8047	27.07
757	83500910050	PINCEL CHATO DE 38mm.	1	0.00	2.3060	0.00
758	83501010050	1	1	0.00	5.9647	0.00
759	83501010090	PINCEL CHATO 101,59 MM	1	0.00	5.0131	0.00
760	83505060010	BROCHA DE 65MM TIPO I	1	2.00	8.0210	16.04
761	83505160050	PINCEL P/BLANQUIAR	1	7.00	4.0105	28.07
762	83900510180	GAS-OIL	5	1480.00	0.1900	281.20
763	83900510200	NAFTA COMUN EN VALES	5	0.00	0.4984	0.00
764	83900510350	KEROSENE	5	95.00	0.5013	47.62
765	83901010500	DURMIENTE TIPO LENA	1	2605.00	0.5213	1357.99
766	83951520060	ACETILENO CILINDRO 6 KG	4	0.00	11.2000	0.00
767	83953020060	OXIGENO X 6	8	0.00	3.0000	0.00
768	83970310160	ACEITE HIDRAULICO 46	5	0.00	2.2474	0.00
769	83970611100		5	0.00	0.1391 #	0.00
770	83971511050	ACEITE NRO. 510	5	58.00	2.0460	118.67
771	83971811550	ACEITE NRO. 1000	5	103.00	1.3593	140.01
772	83973511100		5	0.00	0.0000 +	0.00
773	83973611050	ACEITE YPF. 408	5	0.00	1.6811	0.00
774	83973611100	ACEITE NRO.412	5	0.00	1.6573	0.00
775	83973810500	ACEITE SUPERMOVIL N.421	5	157.00	1.6041	251.84
776	83973811000	ACEITE HD30 429	5	0.00	1.4100	0.00
777	83973811100	ACEITE FERRODIESEL SERIE 1-40	5	15.00	1.9110	28.67
778	83973911050	ACEITE HD 30 S.3	5	40.00	1.5100	60.40
779	83975561050		4	0.00	0.1391 #	0.00
780	83975910500		4	0.00	0.1391 #	0.00
781	83975911050	GRASA N 30	4	0.00	1.1861	0.00
782	83976311120	GRASA DE LITIO	4	0.99	2.0052	1.99
783	83976711050	GRASA YPF NR 102	4	814.50	2.7327	2225.78
784	84400510170	ACEITERA	1	0.00	58.4633	0.00
785	84420510010	PRECINTO	1	0.00	0.4988	0.00
786	84460110311	PUERTA DE ESTUFA	1	4.00	0.0000 +	0.00
787	84461510201	REJILLA PARA ESTUFA	1	2.00	0.0000 +	0.00
788	84520110011	COCINA ECON. Nro.0	1	2.00	0.0000 +	0.00
789	84520110081	COSTADO DE COCINA Nro.0	1	11.00	0.0000 +	0.00
790	84520110111	CONTRAFRENTE DE COCINA	1	6.00	0.0000 +	0.00
791	84520110141	CENICERO DE COCINA	1	2.00	0.0000 +	0.00
792	84520110201	FRENTE DE COCINA	1	9.00	0.0000 +	0.00
793	84520110381	PLANCHA PARA COCINA	1	1.00	0.0000 +	0.00
794	84520110501	PISO DE COCINA]	1	3.00	0.0000 +	0.00
795	84520110531	PATA DE COCINA IZQ.	1	19.00	0.0000 +	0.00
796	84520110561	PATA DE COCINA DERECHA	1	19.00	0.0000 +	0.00
797	84520110591	PUERTA HORNO PARA COCINA	1	17.00	0.0000 +	0.00
798	84520110741	TAPA PARA BOCA DE TIRAJE DE C.	1	9.00	0.0000 +	0.00
799	84520111081	FRENTE DE COCINA Nro.1	1	1.00	0.0000 +	0.00
800	84520111171	PISO DE COCINA Nro.1	1	15.00	0.0000 +	0.00
801	84520111261	PUERTA DE COCINA Nro.1	1	6.00	0.0000 +	0.00
802	84520112080	COSTADO DE COCINA Nro.1	1	7.00	0.0000 +	0.00
803	84520113081	FRENTE DE COCINA Nro.2	1	6.00	0.0000 +	0.00
804	84520113111	PLANCHA PARA COCINA Nro.2	1	1.00	0.0000 +	0.00
805	84520113141	PISO DE COCINA Nro.2	1	3.00	0.0000 +	0.00
806	84520113291	TAPA PARA TANQUE DE AGUA	1	1.00	0.0000 +	0.00
807	84520119041	PARA FUEGO DE COCINA M/DER.	1	8.00	0.0000 +	0.00
808	84520119061	PARA-FUEGO DE COCINA M/IZQ.	1	19.00	0.0000 +	0.00
809	84520119221	BORQUILLA DE COCINA	1	2.00	0.0000 +	0.00
810	85000110330	ESTAND 33 X	4	59.32	6.3000	373.72
811	85000110500	SOLDADORA ALEACION EST. PLOMO	4	2.69	8.2100	22.88
812	85003760250	RECINA EN TIRON	4	19.50	3.4800	67.86

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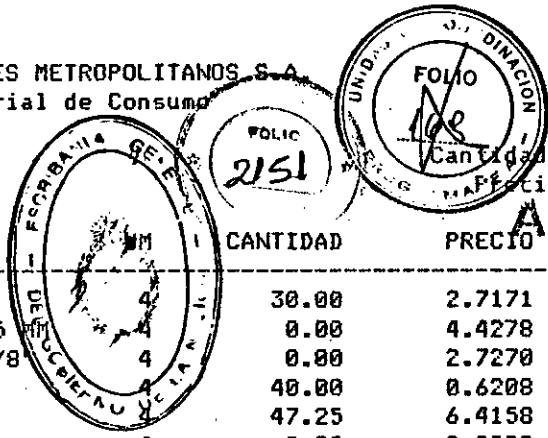
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 15

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA



Cantidades al: 31/08/94
Afectos al: 31/07/94

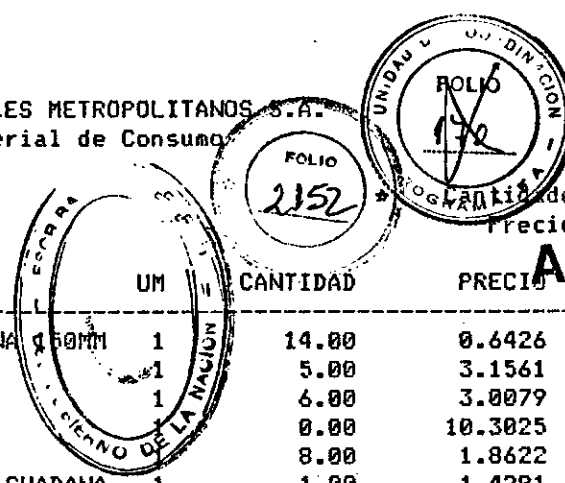
#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
813	85020120050	ELECTRODOS	30.00	2.7171	81.51
814	85020120110	ELECTRODOS TIPO 4313 2.5	0.00	4.4278	0.00
815	85020120130	ELECTRODOS SERIE 60 3X1/8	0.00	2.7270	0.00
816	85020120150	ELECTRODO DE 5 MM	40.00	0.6208	24.83
817	85020210030	ELECTRODOS 3 mm.	47.25	6.4158	303.15
818	85020210040	ELECTRODO DE 4 MM	4	0.0000 +	0.00
819	85020210050	ELECTRODO DE 5 MM	4	60.00	383.03
820	85020440040	ELECTRODO DE 4 MM	4	0.00	16.7679
821	85022040030	ELECTRODOS	4	0.00	4.0128
822	85022040050	ELECTRODO	4	0.00	24.9253
823	85022240130	ELECTRODEO	4	107.00	0.1391 #
824	85022240140	ELECTRODO DE 4 MM	4	54.81	3.2585
825	85303420000	CABLE COBRE EXT.FLEX 0,16 MM	3	200.00	6.8506
826	85320340510	LAMPARA ELECT.230V.200W.	1	0.00	2.0833
827	85320340600	LAMPARA ELECT.230V.200W.F/PERA	1	0.00	2.5974
828	85335510050	LINTERNA 2 ELEMENTOS 1,5V	1	1.00	15.4888
829	85340111320	LAMPARA DE MANO P/SENALES	1	3.00	129.3393
830	85340112200	FAROL DE MECHA A KEROSENE	1	4.00	12.2408
831	85340112260	RECIPIENTE P/FAROL DE MANO	1	4.00	0.1391 #
832	85340410220	MECHERO P/FAROL DE MAND	1	4.00	12.8070
833	85602220100	LADRILLO REFRACTARIOS	1	8.00	1.5017
834	85750520090	EMPAQUET. CANAM,0 9,5 MM	4	0.00	20.8580
835	85801041780	CALIFORNIA DE 7"	1	10.00	0.1391 #
836	85804222300	TORNQUETE DOBLE	1	1170.00	8.8969
837	85804222301	TORNQUETE DOBLE PROD.	1	112.00	8.8969
838	85805731200	VARILLA MADERA DURA	1	474.00	3.9450
839	85820551140	AZUELA DE 4,5"	1	4.00	93.2079
840	85826511300	SERRUCHO DE MAND	1	5.00	20.5292
841	85827532500	TALADRO A CRIQUE	1	1.00	40.1052
842	85828053650	CERRUCHO DE DOS MANOS 72"	1	2.00	618.3862
843	85885620500	MARTILLO DE VIA	1	13.00	39.8818
844	85900862500	BIGORNIA PARA GUADANA	1	2.00	0.1391 #
845	85902072900	HOJA DE GUADAGA - USO GRAL.	1	9.00	38.9442
846	85902075110	ABRAZADERA P/GUADANA	1	15.00	1.1814
847	85902075120	CHAVETA P/GUADANA	1	18.00	0.1391 #
848	85902640100	HACHA CHICA DE 4 1/2"	1	1.00	20.9385
849	85902960300	HORQUILLA	1	35.00	69.2420
850	85980310050	BANDEJAS	1	2.00	0.1391 #
851	85980310100	BANDEJA LEVANTE TIPO NORMAL	1	6.00	0.1391 #
852	85980411080	PALA CALADORA	1	2.00	7.9354
853	85980910050	ESCUADRA DE VIA 4,7X50X660MM	1	3.00	0.1391 #
854	85981711430	ANCHO DE VIA	1	15.00	0.1391 #
855	85982140220	LLAVE DE TIRAFONDO DE 22,2 mm.	1	33.00	6.8700
856	85983340050	DIABLO	1	5.00	501.3152
857	85984170050	NIVELETAS	1	6.00	0.1391 #
858	85984170100	NIVELETE	1	2.00	0.1391 #
859	85984170300	NIVELETE	1	1.00	0.1391 #
860	85984320050	HORQUILLA P/BALASTRO DE ACERO	1	116.00	0.1391 #
861	85985110100	BARRETA PARA ANCLA	1	17.00	38.0067
862	85985410100	EXPANSOR DE RIELES	1	1.00	0.0000 +
863	86000224060	ARMAZON SIERRA	1	1.00	33.1357
864	86000741700	BARRETA LISA	1	12.00	0.1391 #
865	86002221500	CORTA FRIO	1	2.00	3.0519
866	86002221900	CORTAFIERRO	1	9.00	3.4421
867	86002223600	CORTA FRIO	1	2.00	0.1391 #
868	86004710100	LLAVE DE ACERO DE 3 mm.	1	0.00	0.0000 +
869	86004710200	LLAVE DE ACERO DE 5 mm.	1	0.00	0.0000 +
870	86005410790	CABO DE MADERA	1	25.00	18.5357

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Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

Valores al: 31/08/94
Precios al: 31/07/94



ANEXO

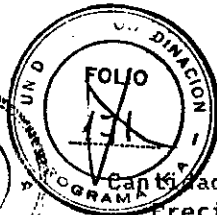
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871	86005413510	MANGO P/MANGO DE GUADANA 1 1/2"	1	14.00	0.6426	9.00
872	86005413520	MANGO 230 MM	1	5.00	3.1561	15.78
873	86005413530	MANGO	1	6.00	3.0079	18.05
874	86005414300	CABO PARA HACHA GRANDE	1	0.00	10.3025	0.00
875	86005414500	CABO DE MADERA	1	8.00	1.8622	14.90
876	86005415760	CABO P ARA MARTILLO DE GUADANA	1	1.00	1.4291	1.43
877	86005415810	CABO PARA MARTILLO DE MANO	1	15.00	1.7074	25.61
878	86005417000	MANGO CABO MADERA P/PALA Y-D	1	39.00	2.7171	105.97
879	86005418050	CABO DE MADERA P/PICO DE 1000m	1	0.00	4.8397	0.00
880	86005620600	MARTILLO DE MANO	1	1.00	19.4765	19.48
881	86006020400	MARTILLO PARA PICAR GUADANA	1	1.00	13.9104	13.91
882	86006920010	PALAS	1	32.00	23.9523	766.47
883	86006920200	PALA DE ACERO 1055/55 DE PUNTE	1	0.00	19.7715	0.00
884	86006920400	PALAS PUNTA ANCHA DE ACERO	1	28.00	22.0578	617.62
885	86007310220	PICO PUNTA Y CORTE(PUNTA PALA)	1	14.00	46.5314	651.44
886	86007310230	PICO DE ACERO	1	22.00	69.7980	1535.56
887	86007310800	PICO HOJA LAUREL	1	17.00	30.8933	525.19
888	86253110605	TRAMO DE VIA CAUBILIE	1	6.00	0.0000 +	0.00
889	86390556250	BROCA 31,75 MM	1	14.00	0.1391 #	1.95
890	86391154350	BROCA 21,50 MM	1	7.00	65.4995	458.50
891	86391154550	MECHAS	1	5.00	114.6709	573.39
892	86391156270	BROCA HELICOIDAL 1 1/4"	1	19.00	176.1824	3347.47
893	86392215180	BROCA HELICOIDAL 25,4	1	13.00	76.9183	999.94
894	86392215920	BROCA HELICOIDAL 28,57 mm.	1	27.00	106.6139	2878.58
895	86392216260	MACHA A/RAPIDO	1	0.00	144.7962	0.00
896	86392326270	BROCA DE 41,75	1	0.00	1.4530	0.00
897	86393120250	BARRENOS DE 13 mm.	1	1.00	0.1391 #	0.14
898	86393120500	BARRENOS A DOS MANOS 3/4"	1	5.00	21.3921	106.96
899	86393120760	BARRENO DE 1"	1	2.00	0.1391 #	0.28
900	86393413700	MECHA P/MADERA DE 15,9 mm.	1	63.00	9.2677	583.87
901	86393413720	MECHA P/MADERA 16,6 MM	1	6.00	0.1391 #	0.83
902	86393413900	MECHA P/MADERA 18"	1	0.00	4.5118	0.00
903	86393413950	MECHA P/TALAD.MANO DIAM.19,05M	1	0.00	5.0131	0.00
904	86393414300	MECHA 20,6MM	1	63.00	10.2167	643.65
905	86393414550	MECHA 22,2MM	1	28.00	7.9069	221.39
906	86393710060	MECHA P/MADERA DE 6,35 mm.	1	0.00	0.0000 +	0.00
907	86393712190	MECHA P/MADERA DE 16,70 mm.	1	0.00	0.0000 +	0.00
908	86393923800	MECHA DE 18 mm.	1	134.00	59.7760	8009.98
909	86451120190	LLAVE PARA TORNIQUETE	1	2.00	9.6476	19.30
910	86451120198		1	0.00	9.6476	0.00
911	86451920190	LLAVE FIJA EX.ABIERT.Y DESBIAD	1	0.00	3.0079	0.00
912	86451920198		1	0.00	3.0079	0.00
913	86451920220	LLAVE FIJA EX.ABIERT.DESBIADA	1	0.00	3.0079	0.00
914	86451920228		1	0.00	3.0079	0.00
915	86451920260	LLAVE FIJA ENTRECARRAS 25,4mm.	1	0.00	4.0105	0.00
916	86451920268		1	0.00	4.0105	0.00
917	86451920280	LLAVE FIJA 1 BOCA EXAG.28 MM	1	0.00	0.1391 #	0.00
918	86451920288		1	0.00	0.1391 #	0.00
919	86451920320	LLAVE FIJA 31,8MM	1	21.00	0.1391 #	2.92
920	86451920328		1	0.00	0.1391 #	0.00
921	86452220700		1	0.00	6.6776	0.00
922	86452220708	LLAVE DE 2 BOCA DE 22 Y 25 mm.	1	0.00	6.6776	0.00
923	86453520440	LLAVE DE 1 BOCA DE 44,44 mm.	1	22.00	0.1391 #	3.06
924	86457520190	LLAVE DE BOCA VERTICAL DE 19,0	1	0.00	60.3703	0.00
925	86457520198		1	0.00	60.3703	0.00
926	86457520350	LLAVE DE BOCA VERTICAL DE 31,7	1	2.00	0.1391 #	0.28
927	86457520358		1	0.00	0.1391 #	0.00
928	86457523330	HOJA DE CORTAR METALES	1	0.00	0.0000 +	0.00

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Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

FOLIO
2153



Capta. al: 31/03/94
Precios al: 31/07/94

ANEXO

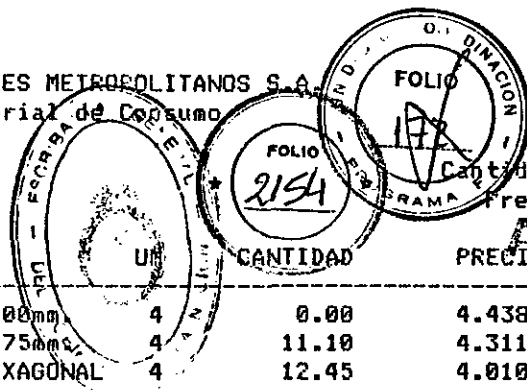
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929	86530620250	SIERRA SIN FIN DE 40 x 0,07 mm.	3	7.50	5.3843	40.38
930	86530620400	SIERRA SIN FIN DE 45 x 0,08 mm.	3	7.00	61.4173	429.92
931	86537523330	HOJA DE SIERRA P/TROZADOR		0.00	10.3929	0.00
932	86537524380	HOJA DE SIERRA DE 450x31x1,5		0.00	0.0000 +	0.00
933	86530023900	HOJA DE CORTAR METALES DE 3350	1	0.00	19.0644	0.00
934	86892031035	CALAMASO	1	3.00	0.0000 +	0.00
935	86892513480	ZAPATAS DE FRENO P/ZORRA	1	20.00	0.0000 +	0.00
936	86892513560	COJINETE PARA CIGUENAL	1	19.00	0.1391 #	2.64
937	87602011340	ABOCARDADOR	1	20.00	2.7080	54.16
938	87602013300	ABOCARDADOR	1	0.00	0.1391 #	0.00
939	87602013400	BROCADOR TRAMO CONICO 17,5mm.	1	0.00	0.1391 #	0.00
940	87604010520		1	0.00	20.0413	0.00
941	87709011520	PINZA PORTAELECTRODO	1	0.00	31.1384	0.00
942	87770110121	ALETAS P/MOLINOS DE VIENTO	1	11.00	0.0000 +	0.00
943	87770130121	ALETAS P/MOLINOS DE VIENTO	1	10.00	0.0000 +	0.00
944	87775010130	VARILLA GALVANIZADA DE 12,7mm.	1	6.00	47.2173	283.30
945	87775010160	VARIL.P/BOMBEO L.6mts.D.5/8"	1	5.00	73.9058	369.53
946	87784320011	TANQUE TRONCO CONICO P/MOLINO	1	2.00	0.0000 +	0.00
947	87809011020	CUERO MOLDEADO	1	2.00	4.0844	8.17
948	87809011520	CUERO MOLDEADO	1	2.00	12.5922	25.18
949	88801013140	FICHA STOCK ALMACEN LOCAL	1	0.00	0.1510	0.00
950	89110310350	ARANDELA	4	15.00	7.8915	118.37
951	89110310400	ARANDELA PLA/RED P/TUERC EXAGO	4	0.00	3.6452	0.00
952	89110310550	ARAND.FLANA REDON.P/TUERC.EXAG	4	0.00	3.6452	0.00
953	89110310600	ARAND.PLANA P/T.D.INT.25MM 45M	4	4720.00	3.5493	16752.70
954	89110310600	ARAN.INT.36MM EXT.62MM.ESP.5MM	4	3.75	4.8397	18.15
955	89110310900	ARAND.INT.42MM.EXT.75MM.ESP.5M	4	20.00	4.8397	96.79
956	89110511400	ARANDELA DE 3/4"	4	64.00	3.5493	227.16
957	89110511409	ARANDELA PLANA	4	459.00	0.3549	162.90
958	89110511509	ARANDELA PLANA	4	0.00	0.0000 +	0.00
959	89112731830	ARANDELA DE PRESION 24 MM.	4	78.00	4.1188	321.27
960	89112931450	ARANDELA PRESION	4	5.00	4.1188	20.59
961	89120131050	BULON 1"X 81 MM CABEZA REDONDA	4	0.00	4.9791	0.00
962	89125430570	BULONES GDO. DE 3/4 x 1/4"	4	0.00	12.8317	0.00
963	89126530810	BULONES 6.3MMX1/4"X38MM	4	0.00	4.6822	0.00
964	89126530870	BULONES 6.3MMX1/4"X50MM	4	0.00	4.8087	0.00
965	89126531500	BULONES DE 3/8" Y 16 HILOS	4	16.05	3.4892	56.00
966	89126531560	BULONES LONG.NOMINAL 50mm.	4	0.00	3.6039	0.00
967	89126531590	BULONES LONG.NOMINAL 63mm.	4	0.00	3.9129	0.00
968	89126531680	BULON 3/8" X 82 MM	4	0.00	34.5586	0.00
969	89126531740	BULONES DE 4x3/8"	4	0.00	4.2611	0.00
970	89126531800	BULONES DE 1/2x4"	4	0.55	4.0105	2.21
971	89126531830	BULONES DE 4 1/2 x 1/2"	4	27.10	4.0105	108.68
972	89126531940	BULONES DE 10x1/2"	4	27.25	0.1391 #	3.79
973	89126533240	BULONES DE 11x3/4"	4	40.00	0.1391 #	5.56
974	89128530810	BULONES CAB.EX.LONG.NOM.6,3mm.	4	0.00	3.4590	0.00
975	89128530870	BULONES CAB.EXAG.	4	3.69	2.9861	11.02
976	89128530930	BULONES CAB.EXAG.LONG.NOM.63mm	4	0.00	2.9076	0.00
977	89128530990	BULONES CAB.EX.ROSCA W.	4	0.00	2.9861	0.00
978	89128531020	BULONES CAB.EX.LONG.NOM.90mm.	4	0.00	3.5092	0.00
979	89128531320	BULON CABEZA YTUERCA EXAGONAL	4	4.50	3.0079	13.54
980	89128531470	BULONES DE 5/16"X2"	4	0.00	2.9076	0.00
981	89128531590	BULON DE 5/16 X 3"	4	0.00	3.3086	0.00
982	89128531890	BULONES CAB.EXAG.LONG.25mm.	4	0.00	3.4892	0.00
983	89128531980	BULONES	4	1.34	11.4788	15.38
984	89128532010	BULONES CAB.EXAG.LONG.50mm.	4	0.24	3.5834	0.86
985	89128532070	BULONES CAB.EXAG.LONG.63mm.	4	0.00	3.9102	0.00
986	89128532190	BULONES CAB.EXAG.LONG.90mm.	4	0.00	3.6039	0.00

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Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

Contabilidades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
987	89128532220	BULONES CAB.EXAG.LONG.100mm.	4	0.00	4.4380	0.00
988	89128532330	BULONES CAB.EXAG.LONG.175mm.	4	11.10	4.3113	47.86
989	89128532480	BULON CABEZA Y TUERCA EXAGONAL	4	12.45	4.0105	49.93
990	89128532680	BULON	4	19.00	2.6463	50.28
991	89128532700	BULONES CAB.EXAG.LONG.38mm.	4	13.50	3.9129	52.82
992	89128532720	BULON	4	0.40	4.3762	1.75
993	89128532740	BULONES CAB.EXAG.LONG.50mm.	4	0.00	2.5742	0.00
994	89128532760	BULON CABEZA Y TUERCA EXAGONAL	4	9.80	25.1864	246.83
995	89128532780	BULONES CAB.EXAG.LONG.63mm.	4	9.35	3.9102	36.56
996	89128532800	BULON DIA. 12,7X70MM DE LARGO	4	0.00	6.9444	0.00
997	89128532820	BULONES CAB.EXAG.LONG.76mm.	4	17.80	4.0365	71.85
998	89128532860	BULONES CAB.EXAG.LONG.90mm.	4	1.20	3.9102	4.69
999	89128532900	BULONES CAB.EXAG.LONG.125mm.	4	30.79	4.4690	137.60
1000	89128532930	BULONES CAB.Y TUERCA EXAG.	4	0.00	3.6452	0.00
1001	89128532990	BULONES CAB.EXAG.LONG.175mm.	4	3.65	4.4278	16.16
1002	89128533020	BULONES CAB.EXAG.LONG.200mm.	4	8.30	4.4278	36.75
1003	89128533050	BULON CABEZA Y TUERCA EXAGONAL	4	14.70	4.4278	65.09
1004	89128533080	BULON	4	6.50	3.5525	23.09
1005	89128533170	BULON CABEZA Y TUERCA EXAGONAL	4	8.50	4.3762	37.20
1006	89128533620	BULONES CAB.EXAG.LONG.76mm.	4	21.30	4.0777	86.86
1007	89128533710	BULONES CAB.EXAG.LONG.100mm.	4	32.35	4.4278	143.24
1008	89128533740	BULONES CAB.EXAG.LONG.110mm.	4	11.00	2.7493	30.24
1009	89128533770	BULONES CAB.EXAG.LONG.125mm.	4	26.90	4.4278	119.11
1010	89128533860	BULONES CAB.EXAG.LONG.175mm.	4	17.00	4.4278	75.27
1011	89128533890	BULONES CAB.EXAG.LONG.200mm.	4	9.10	4.4278	40.29
1012	89128533920	BULONES CABEZA Y TUERCA EXAGONAL	4	13.00	4.3113	56.05
1013	89128533980	BULON	4	13.00	3.1158	40.51
1014	89128534040	BULONES	4	24.50	3.5092	85.98
1015	89128534430	BULONES CAB.EXAG.LONG.63mm.	4	9.60	4.5204	43.40
1016	89128534490	BULONES CAB.EXAG.LONG.76mm.	4	4.00	4.4278	17.71
1017	89128534700	BULONES CAB.EXAG.LONG.155mm.	4	194.50	4.3113	838.55
1018	89128534730	BULONES CAB.EXAG.LONG.175mm.	4	171.50	4.4278	759.37
1019	89128534760	BULONES CAB.EXAG.LONG.200mm.	4	18.00	4.4278	79.70
1020	89128534790	BULONES CAB.EXAG.LONG.225mm.	4	24.00	4.4278	106.27
1021	89128534820	BULONES CAB.EXAG.LONG.250mm.	4	0.00	4.4278	0.00
1022	89128534880	BULON CABEZA Y TUERCA EXAGONAL	4	9.40	11.9307	112.15
1023	89128534940	BULON CABEZA Y TUERCA EXAGONAL	4	61.70	5.9343	366.15
1024	89128535840	BULON CABEZA Y TUERCA EXAGONAL	4	47.00	5.0131	235.62
1025	89128535930	BULONES ancho22,2X380mm.largo	4	31.50	3.9749	125.21
1026	89128536500	BULONES CAB.EXAG.LONG.110mm.	4	0.00	5.0131	0.00
1027	89128536530	BULONES CAB.EXAG.LONG.125mm.	4	0.00	4.5118	0.00
1028	89128536560	BULON 1" X 130,5 mm.	4	0.00	5.1076	0.00
1029	89128536680	BULONES CAB.EXAG.LONG.225mm.	4	0.00	5.0131	0.00
1030	89128542740		4	0.00	0.0000 +	0.00
1031	89129931350	BULON 15,8MM 5/8"	4	32.50	0.1391 #	4.52
1032	89129933450	BULONES DE 1/2 x 6 1/2"	4	25.45	0.1391 #	3.54
1033	89129933540	BULONES DE 1/2" X8.1/2"	4	57.00	5.0131	285.75
1034	89129933600	BULON 1/2 X 267 MM	4	19.75	4.4990	88.86
1035	89129934200	BULONES DE 10 1/2 x 5/8"	4	29.15	5.5996	163.23
1036	89129934590	BULONES CABEZA Y TUERCA EXAGO	4	78.00	4.6645	363.83
1037	89129934620	BULONES DE 3/4" X 8"	4	7.80	5.0131	39.10
1038	89129934650	BULONES DE 19,4 x 215 mm.	4	5.90	5.0131	29.58
1039	89129935600	BULONES DE 25,4 x 149,4	4	28.00	7.1834	201.14
1040	89142313400	CLAVOS P/PARIS 3"	4	0.00	0.4682	0.00
1041	89143811950	CLAVOS LARGO 114mm.DIAM.4,5mm.	4	4.00	4.4131	17.65
1042	89143812000	CLAVOS PUNTA PARIS 127 x 5,1mm	4	3.75	1.5340	5.75
1043	89143812100	CLAVOS PUNTA PARIS 152 x 5,5mm	4	1.90	1.6844	3.20
1044	89161713450	REMACHES 1/2 x 7/16"	4	1.10	0.1391 #	0.15

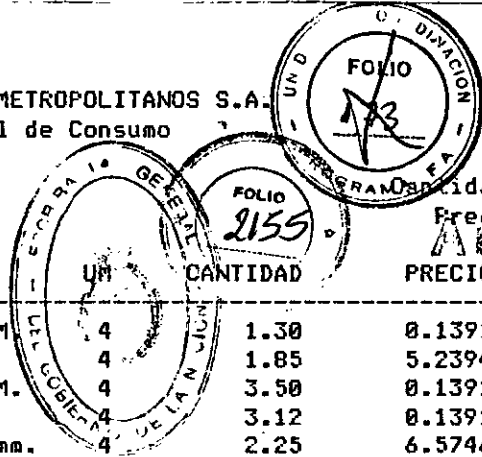
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Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA

Existencias al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1045	89161714000	ROBLONES PULG.1/4 LONG.13MM	4	1.30	0.1391 #	0.18
1046	89161714200	REMACHES DE 1 x 1/4"	4	1.85	5.2394	9.69
1047	89161716000	ROBLONES PULG.1/2 LONG.32MM.	4	3.50	0.1391 #	0.49
1048	89161716150	REMACHES DE 2 x 1/2"	4	3.12	0.1391 #	0.43
1049	89164811600	ROBLONES PULG.3/16 LONG.10mm.	4	2.25	6.5746	14.79
1050	89167015800	ROBLONES DE 5/32" X 7MM	4	0.45	0.1391 #	0.06
1051	89180521450	TACHUELAS	4	0.65	45.7892	29.76
1052	89190111950	TIRAFONDOS DIAM. 9,5X50mm.long	1	596.00	0.5013	298.77
1053	89190112000	TIRAFONDO CAB.CDA.9,5X63MM.LGO	1	880.00	0.6098	536.62
1054	89190112100	TIRAFONDOS	1	547.00	0.5013	274.21
1055	89190123250	TIRAFOND.DIAM.12,5X63mm.LARGO	1	208.00	0.5013	104.27
1056	89190123350	TIRAFONDOS DE 3 x 1/2"	1	144.00	0.9103	131.00
1057	89190123950	TIRAFONDO C/CUAD.16X100 mm LGO	1	276.00	4.9178	1357.31
1058	89190124100	TIRAFONDO 16 X 125 MM	1	42.00	3.3730	141.67
1059	89200514000	TORNILLO FERREO CAB.PERDIDA	1	383.00	0.0506	19.38
1060	89200514100	TORNILLO F/MADERA PULIDO 40mm.	1	2.00	0.0170	0.03
1061	89200514150	TORNILLOS	1	349.00	0.0170	5.93
1062	89200514200	TORNILLOS	1	1469.00	0.1504	220.94
1063	89200912150	TORNILLOS 3 x Nro.14	1	180.00	0.1391 #	25.04
1064	89209912100	1	1	49.00	0.0100	0.49
1065	89210112150	TORNILLOS DE BRONCE 1" Nro.8	1	0.00	0.1504	0.00
1066	89210513750	BULON 5,5 x 60 mm.	1	500.00	0.1391 #	69.55
1067	89219911350	TORNILLOS DIAM.7X65mm.LARGO	1	41.50	0.1391 #	5.77
1068	89220112170	TORNILLOS FERREOS CAB.RED.50mm	1	121.00	0.1391 #	16.83
1069	89262581800	CADENA DE BRONCE	3	15.60	0.1391 #	2.17
1070	89265141150	CADENA H. GDO.	4	0.00	0.0000 +	0.00
1071	89270510850	CANDADOS	1	0.00	6.7169	0.00
1072	89282130050	DESINFECTANTE T/FENOLICO LIQ.	5	0.00	5.7770	0.00
1073	89282570050	INSECTICIDA AEROSOL	1	0.00	1.7826	0.00
1074	89283230050	FLIT	5	0.00	3.2488	0.00
1075	89287610010	HERBICIDA	5	200.00	5.5604	1112.00
1076	89313911500	LONA BLANCA	3	0.00	120.7732	0.00
1077	89331150050	BAND.AMARILL/NEGRA-255X300mm	1	8.00	2.4417	19.53
1078	89331150100	BAND.AMARILL/NEGRA-380X460mm	1	1.00	4.0105	4.01
1079	89331250100	BANDERA ROJA 380X460 mm	1	15.00	3.1921	47.88
1080	89331250300	BANDERA ROJA	1	0.00	24.1004	0.00
1081	89331350300	BANDERA VERDE 900X900 mm	1	0.00	9.0237	0.00
1082	89332110100	SABANAS COLOR BLANCO	1	15.00	36.3551	545.33
1083	89332250050	FRAZADAS DE LANA	1	30.00	61.6314	1848.94
1084	89333210370	FUNDAS F/ALMOHADAS	1	20.00	6.6088	132.18
1085	89336540300	ALMOHADA	1	25.00	20.9785	524.46
1086	89336741100	COLCHON POLIESTER	1	0.00	0.0000 +	0.00
1087	89336761750	COLCHON DE LANA	1	0.00	0.1391 #	0.00
1088	89340131200	LIMA Y ESCOFINA PLANA DE 250mm	1	0.00	0.0000 +	0.00
1089	89340141250	LIMA PLANA DE CORTE FINO 300mm	1	0.00	0.0000 +	0.00
1090	89340141350	LIMA PLANA DE CORTE FINO 400mm	1	0.00	95.1590	0.00
1091	89340421000	LIMA REDONDA DE 100 MM.LARGO	1	9.00	5.0131	45.12
1092	89340421350	LIMA REDONDA DE 400 MM. LARGO	1	2.00	42.7720	85.54
1093	89340441000	LIMA REDONDA	1	12.00	21.3693	256.43
1094	89340521000	LIMA TRIANGULAR 100 MM.LARGO	1	0.00	4.0105	0.00
1095	89340521150	LIMA TRIANGULO	1	4.00	12.6907	50.76
1096	89340521300	LIMA TRIANGULAR F/MEC.350mm.LA	1	1.00	12.0316	12.03
1097	89340621200	LIMA MEDIA CANA 253,9 mm.	1	0.00	33.4108	0.00
1098	89340631250	LIMA MEDIAA CANA 304,7 mm.	1	0.00	52.8451	0.00
1099	89343135100	LIMA TRIANG. 126,9 mm>	1	0.00	0.1391 #	0.00
1100	89990710499	ARANDELA H. GDO 3/8"	1	19.00	0.0139	0.26
1101	89990750203	CLAVOS DE 2"	4	0.00	0.1391 #	0.00
1102	89990750209		4	0.00	0.0139	0.00



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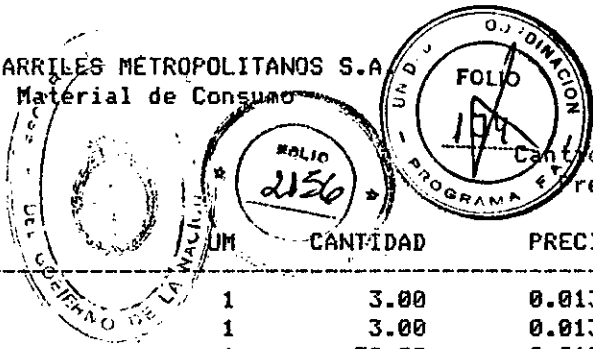
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

Página: 20

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

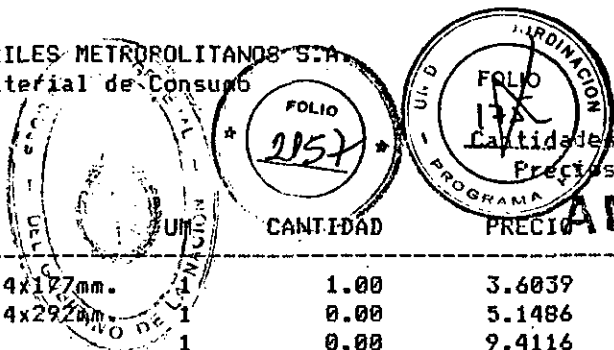
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1103	89991080579	BISAGRA DE 2 x 5"	1	3.00	0.0139	0.04
1104	89991080919	ROLDANAS	1	3.00	0.0139	0.04
1105	89991081569	GANCHOS 9"	1	35.00	0.0139	0.49
1106	89991081579	GANCHOS 12"	1	26.00	0.0139	0.36
1107	89991260139	CADENAS PARA PERCIANAS	4	2.29	0.0139	0.03
1108	89992012009	ESTIRADORES DE ALAMBRE	1	1.00	0.0139	0.01
1109	89993130043	PLOMO VIEJO	4	231.65	0.1391 #	32.22
1110	89993130049		4	0.00	0.0139	0.00
1111	89993920279	PINTURA COLORADA	3	21.50	0.0139	0.30
1112	89994520059	CAJA DE HERRAMIENTAS DE MADERA	1	0.00	0.0139	0.00
1113	89994520259	CURVA H. GDO. 1/2"	1	1.00	0.0139	0.01
1114	89994520729	CUPLA DE H. NEGRO DE 2 1/2"	1	2.00	0.0139	0.03
1115	89994521539	CHAPA CON GOMA P/ASIENTO INOD.	1	0.00	0.0139	0.00
1116	89999014369	PLANTILLAS P/BARRENAR DURM.	1	0.00	0.0139	0.00
1117	89999014379	PLANTILLAS PARA BARRENAR DUR.	1	0.00	0.0139	0.00
1118	89999014389	PLANT. P/BARRENAR DURM.	1	0.00	0.0139	0.00
1119	89999619000	LOCETA PREMOLDEADA	1	385.00	0.0000 +	0.00
1120	89999619010	TRANQUERA DE MADERA	1	2.00	0.0000 +	0.00
1121	89999619020	TRANQUERA DE MADERA	1	1.00	0.0000 +	0.00
1122	89999619030	CANO DE HORMIGON DE 6"	1	20.00	0.0000 +	0.00
1123	89999619040	CANO DE H. DE 7"	1	15.00	0.0000 +	0.00
1124	89999619050	CANO DE H. DE 1 x 1 m.	1	0.00	0.0000 +	0.00
1125	89999619060	TAMBORES DE H. PROD.	1	48.00	0.0000 +	0.00
1126	89999619070	TAMBOR GDO. DE 200 LTS.	1	3.00	0.0000 +	0.00
1127	89999619080	TANQUE P/VAGON VIVIENDA	1	10.00	0.0000 +	0.00
1128	89999619090	TAMBOR DE 200 LTS. C/PETROLEO	1	30.00	0.0000 +	0.00
1129	89999619100	LADRILLO SAPO	1	70.00	0.0000 +	0.00
1130	89999619110	DURMIENTE DE VIGA DE 0,4x0,4	1	3.00	0.0000 +	0.00
1131	89999619120	DURMIENTE DE VIGA DE 0,25x0,25	1	10.00	0.0000 +	0.00
1132	89999619130	CHASIS DE ZORRA MOTOR	1	4.00	0.0000 +	0.00
1133	89999619140	CHASIS DE ZORRA PLAYA	1	1.00	0.0000 +	0.00
1134	89999619150	VIGA DE H. DE 0,30x0,30x2,65	1	16.00	0.0000 +	0.00
1135	89999619160	ECLISA TIPO "Z" 85 LBS	1	120.00	0.0000 +	0.00
1136	89999619170	SILLETA PARA RIEL 100BS	1	1000.00	0.0000 +	0.00
1137	89999930759	CANO FIBRO CEMENTO CUAD. 6"	1	0.00	0.0139	0.00
1138	97000030000	ARANDELA GOWER 29x92x9x7,3	1	0.00	0.3600	0.00
1139	97000040000	ARANDELA PLANA P/BULON 25,4	1	183.00	0.0028	146.91
1140	97000250000	PLACA DE PRESEN	1	0.00	0.1391 #	0.00
1141	97000260000	ECLISA 49,6'K/M 4 AGUJEROS	1	1104.00	39.3696	43464.04
1142	97000260001	ECLISA T/BARRA P/RIEL 49,61 Kg	1	0.00	39.3696	0.00
1143	97000260005	ECLISA T.BARRN 4 AGUJEROS	1	0.00	19.6848	0.00
1144	97000280000	PLACA PRESION 75x65x22 mm.	1	150.00	0.1391 #	20.87
1145	97000630000	ARANDELAS GROWER DE 21mm.	1	0.00	0.3293	0.00
1146	97000630001	ARANDELA ELASTICA	1	0.00	0.3293	0.00
1147	97001080000	BULON 22,2x70 mm.lt.cab.72mm.	1	0.00	11.7379	0.00
1148	97001750000	BULON TRABANTE 22,2 x 60 mm.	1	0.00	6.0501	0.00
1149	97002250000	BULON P/CAMBIO DE 25,4x229mm.	1	0.00	4.1188	0.00
1150	97002530000	BULON 25,4 x 330 mm.	1	0.00	5.9878	0.00
1151	97002530001	BULON DE 25,4x330	1	0.00	5.9878	0.00
1152	97002760000	BULON CAB.CUA.TCA.EX.25,4X203	1	0.00	3.5092	0.00
1153	97002950000	BULON DE 22 x 290 mm.	1	136.00	4.0105	545.43
1154	97002960000	BULON DE 22,2 x 300	1	0.00	4.5118	0.00
1155	97003090001	BULON DE 25,4 x 240	1	0.00	4.0105	0.00
1156	97003340000	BULON DE 25,4 x 3000 mm.	1	134.00	4.0105	537.41
1157	97003530000	BULON 25,4 x 381 mm.	1	193.00	8.4342	1627.80
1158	97003720000	BULON P/CAMBIO DE 25,4x127mm.	1	0.00	3.0890	0.00
1159	97003730000	BULON P/CAMBIO DE 25,4x140mm	1	0.00	3.2950	0.00
1160	97003730001	BULON DE 25,4 x 140	1	0.00	3.2950	0.00

AD

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Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213406 V. Y O. LA PLATA



al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTE
1161	97003740000	BULON P/CAMBIO DE 25,4x127mm.	1.00	3.6039	3.60
1162	97003770000	BULON P/CAMBIO DE 25,4x292mm.	0.00	5.1486	0.00
1163	97003790000	BULON DE 25,4x317 mm.	1	9.4116	0.00
1164	97003800000	BULON 25,4 x 368 mm.	1	10.1453	0.00
1165	97003840001	CONTRARIEL	3	477.7701	0.00
1166	97003950000	BULON 25,4 x 343 mm.	1	9.7789	1994.90
1167	97004060000	BULON P/CAMBIO DE 25,4x330mm.	1	5.6635	0.00
1168	97004390000	BULON 25,4x394MM	1	8.1785	0.00
1169	97004690000	BULONES	1	12.6493	0.00
1170	97004790001	SILLETA LAMINADA 100BS	1	148.3891	0.00
1171	97004840000	BULON CAB. CUADRADA	1	3.8775	0.00
1172	97004960000	BULONES	17.00	0.1391 #	2.36
1173	97005360001	CONTRARIEL 100 BS DE 4,27 mm.	1	154.4672	2317.01
1174	97005430001	CONTRARIEL 100 BS DE 3,650	1	38.00	200.5261
1175	97005430003	CONTRARIEL 100 BS. DE 3,650	1	34.00	200.5261
1176	97006430000	BULON 25,4.394	1	0.00	0.1391 #
1177	97006440000	BULON DE ACERO	1	0.00	11.8497
1178	97006920001	ECLISAS 74 LBS FS 4 AGUJ	1	92.00	0.1391 #
1179	97006920005	ECLISAS 74 LBS FS 4 AGUJ	1	0.00	0.0695
1180	97007430000	BULON 22,2x76	1	1300.00	2.0052
1181	97007430003	BULON "T" DE 22 x 290 mm>	1	5415.00	2.0052
1182	97216280000	ROLDANA	1	0.00	0.0000 +

Subtotal Almacén 4637056.53

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ANEXO

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

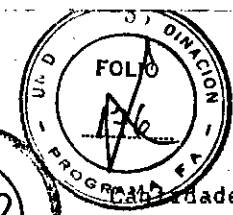
Emisión: 10/11/94

Página: 1

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Valores al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
1	10000000010	EXPLOSOR DESCARGADOR PROTEC.	1	6.00	0.0000 +	0.00
2	10000000020	CAJA P/RELE TIPO CAMSA RSA	1	1.00	0.0000 +	0.00
3	10000000030	COMPRESOR DE AIRE DE 0,75 KW	1	1.00	0.0000 +	0.00
4	10000000040	AISLADOR PASANTE	1	13.00	0.0000 +	0.00
5	10000000050	DETECTOR DE CORTOCIRCUITO	1	1.00	0.0000 +	0.00
6	10000000060	INTERRUPTOR TIPO EMA N.H.250	1	1.00	0.0000 +	0.00
7	10000000070	ARTEFACTO P/ILUMINACION	1	2.00	0.0000 +	0.00
8	10000000150	REGISTRADOR DE FALLAS TIPO F	1	2.00	0.0000 +	0.00
9	10000000160	PAPEL P/REGISTRADOR	1	362.00	0.0000 +	0.00
10	10000000170	TINTA ROJA P/REGISTRADOR	12	9200.00	0.0000 +	0.00
11	10000000180	FUELLE CARGADOR DE TINTA	1	18.00	0.0000 +	0.00
12	10000000190	FLUMA PARA REGISTRADOR	1	10.00	0.0000 +	0.00
13	10000000200	PAPEL FOTOSENSIBLE	1	7.00	0.0000 +	0.00
14	10000000210	AGUJA PARA REGISTRADOR	1	10.00	0.0000 +	0.00
15	10000000220	COMPUESTO ESTABIL.P/PAPEL FOT.	12	3600.00	0.0000 +	0.00
16	10000000230	LLAVE DE PASO DE AIRE TOSHIBA	1	18.00	0.0000 +	0.00
17	10000000240	DIODO CARGADOR DE BATERIAS	1	4.00	0.0000 +	0.00
18	10000000250	LAMPARA DE NEON P/FERTIGA	1	1.00	0.0000 +	0.00
19	10000000260	RELE R.G.C/INDICADOR DE TEMP.	1	3.00	0.0000 +	0.00
20	10000000280	COL.DE HIERRO ZIC.600x270x9000	1	11.00	0.0000 +	0.00
21	10000000290	COL.DE HIERRO ZIN.500x120x9000	1	74.00	0.0000 +	0.00
22	10000000300	COL.HIERRO ZINC.600x220x9000	1	23.00	0.0000 +	0.00
23	10000000310	FILTRO (180-4039793-01)	1	3.00	0.0000 +	0.00
24	10000000320	REPARACION VALVULA DIRECC.	1	2.00	0.0000 +	0.00
25	10000000330	EMPAQUETADURA (8230-90-105)	1	6.00	0.0000 +	0.00
26	10000000340	JUNTA VALVULA DE CHEQUEO	1	2.00	0.0000 +	0.00
27	10000000350	EMPAQUETADUR (12685)	1	6.00	0.0000 +	0.00
28	10000000360	EMPAQUETADURA (3/4")UNION	1	3.00	0.0000 +	0.00
29	10000000370	VALVULA DE RETENCION(6014-390)	1	2.00	0.0000 +	0.00
30	10000000380	ELEM.DEL FILTRO DE AIRE	1	1.00	0.0000 +	0.00
31	10000000390	ENSAMBLE DE MANOMETRO	1	1.00	0.0000 +	0.00
32	10000000400	EMPAQUETADURA (1084-40047070)	1	1.00	0.0000 +	0.00
33	10000000410	EMPAQUETADURA P/TAPA DE CIL.	1	1.00	0.0000 +	0.00
34	10000000420	JUNTA(RW-SW) (1-53135-A)	1	24.00	0.0000 +	0.00
35	10000000430	JUNTA (RW-SW)(3/8"UNION)	1	7.00	0.0000 +	0.00
36	10000000440	JUNTA P/TAPA DE CILINDRO	1	2.00	0.0000 +	0.00
37	10000000450	JUNTA FILTRO DE ACEITE	1	4.00	0.0000 +	0.00
38	10000000460	VALVULA(1075-4054863-05)	1	2.00	0.0000 +	0.00
39	10000000470	JUNTA (1314-4022231-01)	1	3.00	0.0000 +	0.00
40	10000000480	JUNTA (PIPE BRACKET)	1	2.00	0.0000 +	0.00
41	10000000490	JUNTA (1084-4004707-04)	1	3.00	0.0000 +	0.00
42	10000000500	TAPON (98251-19780)	1	2.00	0.0000 +	0.00
43	10000000510	TORNILLO DE EMPALME(909906)	1	1.00	0.0000 +	0.00
44	10000000520	TORNILLO DE EMPALME (909906)	1	2.00	0.0000 +	0.00
45	10000000530	EMPAQUETADURA P/LLAVE	1	3.00	0.0000 +	0.00
46	10000000540	EMPAQUETADURA P/CANO DE ACEITE	1	4.00	0.0000 +	0.00
47	10000000550	JUNTA (1-52901)	1	6.00	0.0000 +	0.00
48	10000000560	JUNTA (1822-4002061-01)	1	6.00	0.0000 +	0.00
49	10000000570	JUNTA (1-15711)	1	6.00	0.0000 +	0.00
50	10000000580	JUNTA (1521-8001709-01)	1	2.00	0.0000 +	0.00
51	10000000590	EMPAQUETADURA(90957-14080)	1	4.00	0.0000 +	0.00
52	10000000600	JUNTA UNION 1/2" (1845-408148)	1	2.00	0.0000 +	0.00
53	10000000610	JUNTA (1211-8006227-01)	1	2.00	0.0000 +	0.00
54	10000000620	JUNTA DE UNION(1084-3007180-07	1	3.00	0.0000 +	0.00
55	10000000630	JUNTA DE ASIENTO DE VALV.	1	11.00	0.0000 +	0.00
56	10000000640	FILTRO (1020-8004918-01)	1	2.00	0.0000 +	0.00
57	10000000650	ACUMULADOR (1M-50615-054)	1	3.00	0.0000 +	0.00
58	10000000660	ALTERNADOR (A1-8120-0194-0)	1	2.00	0.0000 +	0.00



ANEXO

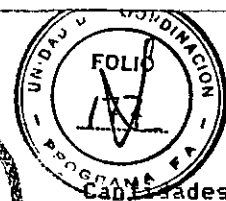
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo



Página: 2

Línea : 21 ROCA

Almacén: 213407 V. Y O. PLAZA C.

Caducidad al: 31/08/94

Precios al: 31/07/94

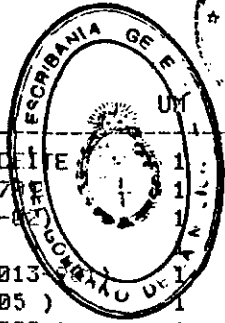
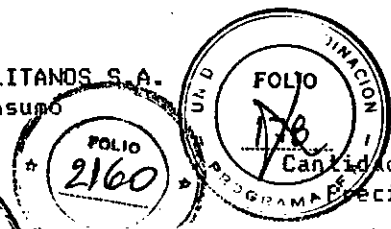
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
59	10000000670	ARO DE PISTON (1501-2022402-01	1	2.00	0.0000 +	0.00
60	10000000680	JUNTA TIPO O'RING	1	42.00	0.0000 +	0.00
61	10000000690	JUNTA TIPO O'RING	1	12.00	0.0000 +	0.00
62	10000000700	JUNTA TIPO O'RING	1	6.00	0.0000 +	0.00
63	10000000710	JUNTA TIPO O'RING	1	24.00	0.0000 +	0.00
64	10000000720	JUNTA TIPO O'RING	1	3.00	0.0000 +	0.00
65	10000000730	JUNTA TIPO O'RING	1	9.00	0.0000 +	0.00
66	10000000740	JUNTA O'RING(N048040018)	1	6.00	0.0000 +	0.00
67	10000000750	JUNTA O'RING(7311-72145)	1	6.00	0.0000 +	0.00
68	10000000760	JUNTA O'RING(N048015030)	1	6.00	0.0000 +	0.00
69	10000000770	ARO DE PISTON (1101-7054528-01	1	2.00	0.0000 +	0.00
70	10000000780	ARO RASCA ACEITE(1101-20799-01	1	2.00	0.0000 +	0.00
71	10000000790	JUNTA O'RING(7311-92135)	1	6.00	0.0000 +	0.00
72	10000000800	JUNTA O'RING(7311-91016)	1	11.00	0.0000 +	0.00
73	10000000810	JUNTA O'RING (7311-92090)	1	6.00	0.0000 +	0.00
74	10000000820	JUNTA O'RING (7311-91012)	1	6.00	0.0000 +	0.00
75	10000000830	JUNTA O'RING (N048020016)	1	6.00	0.0000 +	0.00
76	10000000840	JUNTA O'RING (N048006016)	1	13.00	0.0000 +	0.00
77	10000000850	JUNTA O'RING (7311-92055)	1	3.00	0.0000 +	0.00
78	10000000860	JUNTA O'RING (7311-92045)	1	3.00	0.0000 +	0.00
79	10000000870	ARON POSTERIOR (8281-25140)	1	12.00	0.0000 +	0.00
80	10000000880	JUNTA O'RING(0402-1000018-00)	1	2.00	0.0000 +	0.00
81	10000000890	JUNTA O'RING (7311-72095)	1	6.00	0.0000 +	0.00
82	10000000900	JUNTA O'RING (7311-91014)	1	3.00	0.0000 +	0.00
83	10000000910	CABLE DE CONTROL(2M-00040-902)	1	1.00	0.0000 +	0.00
84	10000000920	CABLE DE CONTROL(2M-00040-905)	1	1.00	0.0000 +	0.00
85	10000000930	CABLE DE CONTROL(2M-00040-935)	1	1.00	0.0000 +	0.00
86	10000000940	EJE FLEXIBLE F/VELOC.	1	2.00	0.0000 +	0.00
87	10000000950	EJE FLEXIBLE F/VELOC.(1M-40301	1	1.00	0.0000 +	0.00
88	10000000960	CABLE DE CONTROL(2M-00040-931)	1	1.00	0.0000 +	0.00
89	10000000970	EJE FLEXIBLE F/TACOMETRO	1	2.00	0.0000 +	0.00
90	10000000980	EJE FLEXIBLE F/VELOC.1M 40312	1	1.00	0.0000 +	0.00
91	10000000990	JUNTA (3-3633)	1	12.00	0.0000 +	0.00
92	10000001000	JUEGO DE ELEM.P/FILTRO ACEITE	1	18.00	0.0000 +	0.00
93	10000001010	JUNTA O'RING (7311-91014)	1	20.00	0.0000 +	0.00
94	10000001020	JUNTA O'RING (7311-71006)	1	120.00	0.0000 +	0.00
95	10000001030	CONJUNTO ARO DE PISTON	1	6.00	0.0000 +	0.00
96	10000001040	JUNTA O'RING (N048004009)	1	2.00	0.0000 +	0.00
97	10000001050	JUNTA O'RING (7311-71018)	1	2.00	0.0000 +	0.00
98	10000001060	ARO POSTERIOR (8280-90105)	1	2.00	0.0000 +	0.00
99	10000001070	EMPAQUETADURA (N412007024)	1	12.00	0.0000 +	0.00
100	10000001080	EMPAQUETADURA (N412210224)	1	6.00	0.0000 +	0.00
101	10000001090	JUNTA O'RING (7311-91610)	1	12.00	0.0000 +	0.00
102	10000001100	JUNTA O'RING (7311-71044)	1	54.00	0.0000 +	0.00
103	10000001110	VIDRIO DE VENTANA 3M 10749 009	1	3.00	0.0000 +	0.00
104	10000001120	TAPA DE FILTRO DEL RADIADOR	1	6.00	0.0000 +	0.00
105	10000001130	BELT COOLING FAN (913671-8080)	1	8.00	0.0000 +	0.00
106	10000001140	BELT COOLING FAN (913671-8090)	1	7.00	0.0000 +	0.00
107	10000001150	GUARDAPOLVOS (8220-90104)	1	6.00	0.0000 +	0.00
108	10000001160	OIL SEAL CRANK SHAFT(5096250	1	4.00	0.0000 +	0.00
109	10000001170	FLEXIBLE DEL TACOMETRO	1	2.00	0.0000 +	0.00
110	10000001180	JUNTA (4M 00116-901)	1	4.00	0.0000 +	0.00
111	10000001190	EMPAQUETADURA (1073-7020581-04	1	1.00	0.0000 +	0.00
112	10000001200	CABLE CONTROL PARA MOTOR	1	2.00	0.0000 +	0.00
113	10000001210	JUNTA (3M 00068-003)	1	12.00	0.0000 +	0.00
114	10000001220	ELEM.DE FILTRO DE AIRE	1	23.00	0.0000 +	0.00
115	10000001230	ELEM.DEL FILTRO DE AIRE	1	29.00	0.0000 +	0.00
116	10000001240	FLICKER;CONTROLLER;HEADLIGHT	1	2.00	0.0000 +	0.00

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Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



ANEXO I

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTO
117	10000001250	LLAVE DE PRESION DE ACEITE	1	1.00	0.0000 +	0.00
118	10000001260	CALEFACTOR (915315-0274)	1	4.00	0.0000 +	0.00
119	10000001270	RESORTE (1071-4002510-027)	1	2.00	0.0000 +	0.00
120	10000001280	OVERHAUL KIT;ENGINE	1	2.00	0.0000 +	0.00
121	10000001290	GUIA DE VIDRIO (2M 10013)	1	4.00	0.0000 +	0.00
122	10000001300	FLEXIBLE (3M 41081-905)	1	6.00	0.0000 +	0.00
123	10000001310	RADIADORES (1M 40300-002)	1	3.00	0.0000 +	0.00
124	10000001320	RADIADOR (1M 40300-003)	1	3.00	0.0000 +	0.00
125	10000001330	TRAMO DOBLE BANDEJA PORTACABLE	1	1.00	0.0000 +	0.00
126	10000001340	RADIADOR (1M 40304-001)	1	1.00	0.0000 +	0.00
127	10000001350	RADIADOR (1M 40304-003)	1	1.00	0.0000 +	0.00
128	10000001360	RADIADOR (909712-4740)	1	8.00	0.0000 +	0.00
129	10000001370	LIMITE DE CARRERA (1M 50226)	1	2.00	0.0000 +	0.00
130	10000001380	EMPAQUETADURA (587810-2740)	1	2.00	0.0000 +	0.00
131	10000001390	JUNTA (36933-1)	1	6.00	0.0000 +	0.00
132	10000001400	ZAPATA DEHIERRO (0131-01050)	1	4.00	0.0000 +	0.00
133	10000001410	ASIEN TO DE GOMA (1075-4000477)	1	4.00	0.0000 +	0.00
134	10000001420	DIAFRAGMA (1073-4074241-01)	1	2.00	0.0000 +	0.00
135	10000001430	RESORTE P/AJUSTE (1071-40063)	1	4.00	0.0000 +	0.00
136	10000001440	EMPAQUETADURA (387-810-0820)	1	2.00	0.0000 +	0.00
137	10000001450	VIDRIO DE VENTANA (3M-10749-7)	1	3.00	0.0000 +	0.00
138	10000001460	EMPAQUETADURA (1M-20273-035)	1	6.00	0.0000 +	0.00
139	10000001470	EMPAQUETADURA P/CANO DE SALIDA	1	2.00	0.0000 +	0.00
140	10000001480	EMPAQUETADURA P/TAPA FILTRO	1	2.00	0.0000 +	0.00
141	10000001490	EMPAQUETADURA (1845-4081481-08)	1	2.00	0.0000 +	0.00
142	10000001500	ARANDELA DE COBRE	1	60.00	0.0000 +	0.00
143	10000001510	ENSAMBLE DE EMBOLO(515631-0130)	1	7.00	0.0000 +	0.00
144	10000001520	ARANDELA CORRUGADA (9153150740)	1	10.00	0.0000 +	0.00
145	10000001530	CONTENEDOR DE ACEITE	1	3.00	0.0000 +	0.00
146	10000001540	PINON (581123-0070)	1	1.00	0.0000 +	0.00
147	10000001550	LANZA (515311-0060)	1	10.00	0.0000 +	0.00
148	10000001560	DISCO (0125-31122)	1	2.00	0.0000 +	0.00
149	10000001570	PLANCHA SINTETICA	1	12.00	0.0000 +	0.00
150	10000001580	RESORTE (1071-4002510-01)	1	1.00	0.0000 +	0.00
151	10000001590	TAPON DE CARGA DE ACEITE	1	1.00	0.0000 +	0.00
152	10000001600	BASE CORREDIZA(0143-21130)	1	4.00	0.0000 +	0.00
153	10000001610	PLANCHA DE ACERO (3-8135)	1	12.00	0.0000 +	0.00
154	10000001620	RUEDA DE RETEN	1	2.00	0.0000 +	0.00
155	10000001630	ARANDELA DE COBRE(N370243415)	1	24.00	0.0000 +	0.00
156	10000001640	BASECORREDIZA(0144-21081)	1	1.00	0.0000 +	0.00
157	10000001650	PLACA CORREDIZA (0138-21030)	1	12.00	0.0000 +	0.00
158	10000001660	TORNILLO PARA CAJA (1156190240)	1	4.00	0.0000 +	0.00
159	10000001670	TAPON DESCARGA DE COMBUSTIBLE	1	4.00	0.0000 +	0.00
160	10000001680	DEFENSA P/CALEFACTOR 015315027	1	6.00	0.0000 +	0.00
161	10000001690	CONJUNTO VALVULA DE SATURAC.	1	2.00	0.0000 +	0.00
162	10000001700	ABRAZADERAS HIERRO GALVANIZADO	1	17.00	0.0000 +	0.00
163	10000001710	POLEA PARA GUIA 0143-21030	1	2.00	0.0000 +	0.00
164	10000001720	RESORTE P/AJUSTE 1071-4077978	1	2.00	0.0000 +	0.00
165	10000001730	CONJUNTO BOMBA DE ACEITE	1	2.00	0.0000 +	0.00
166	10000001740	FILTRO DE METAL 1080-404566201	1	2.00	0.0000 +	0.00
167	10000001750	TERMOSTATO 2120096009	1	6.00	0.0000 +	0.00
168	10000001760	VALVULA DE EMERGENCIA	1	2.00	0.0000 +	0.00
169	10000001770	VALVULA DE RECORTADO	1	1.00	0.0000 +	0.00
170	10000001780	VALVULA DE CHEQUEO	1	3.00	0.0000 +	0.00
171	10000001790	AISLADOR PORCELANA 191 mm 3/4"	1	59.00	0.0000 +	0.00
172	10000001800	ARTEFACTO LUZ EMERGENCIA	1	16.00	0.0000 +	0.00
173	10000001810	ARTEFACTO ILUM.AE3/STRAND	1	2.00	0.0000 +	0.00
174	10000001820	ARTEFACTO IL.PHILIPS P/COLUMNA	1	7.00	0.0000 +	0.00

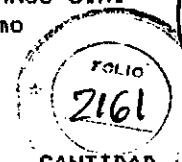
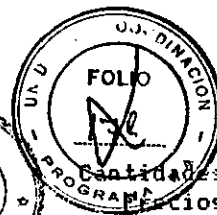
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 4

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



Cantidades al: 31/08/94
Programas al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTO
175	10000001830	ART.ILUM.P/250 W MERE	52.00	0.0000 +	0.00
176	10000001840	ART. MODULAR B10 P/FO	210.00	0.0000 +	0.00
177	10000001850	ART.P/LAMP.125 W MODU	45.00	0.0000 +	0.00
178	10000001860	ART.STRAND CO 2451	28.00	0.0000 +	0.00
179	10000001870	BALASTO SODIO 70W USO INTE	57.00	0.0000 +	0.00
180	10000001880	CABLE FLEX.P/ASCENSOR 12 COND.	228.00	0.0000 +	0.00
181	10000001890	CABLE TIPO TALLER 3x4 mm2	277.00	0.0000 +	0.00
182	10000001900	CAJA TABLERO C/EQUIPO	2.00	0.0000 +	0.00
183	10000001910	CAJA ANTIEXPL.DELGA.3 BOCAS	74.00	0.0000 +	0.00
184	10000001920	CAJA ALUMINIO REDONDA 3 BOCAS	9.00	0.0000 +	0.00
185	10000001930	CAJA ALUMINIO REDONDA 2 BOCAS	64.00	0.0000 +	0.00
186	10000001940	CAJA ALUMINIO RECTANG.2 BOCAS	12.00	0.0000 +	0.00
187	10000001950	CONECTORES DE PANTALLA	42.00	0.0000 +	0.00
188	10000001960	CONTACTOR TUBIO S 32	17.00	0.0000 +	0.00
189	10000001970	CONTACTOR TUBIO S 20	5.00	0.0000 +	0.00
190	10000001980	CONTACTOR TUBIO S 16	2.00	0.0000 +	0.00
191	10000001990	CONTACTOR TUBIO S 12	3.00	0.0000 +	0.00
192	10000002000	CONTACTOR TUBIO S 8	3.00	0.0000 +	0.00
193	10000002010	CONTACTOR TUBIO S 45	1.00	0.0000 +	0.00
194	10000002020	CORREA B 107	6.00	0.0000 +	0.00
195	10000002030	CORREA B 118	2.00	0.0000 +	0.00
196	10000002040	CORREA C 65	12.00	0.0000 +	0.00
197	10000002050	CORREA B 122	6.00	0.0000 +	0.00
198	10000002060	CURVA ALUMINIO 1 1/4"	3.00	0.0000 +	0.00
199	10000002070	DILUYENTE ESPECIAL	4.00	0.0000 +	0.00
200	10000002080	FICHA PAYRA 3 x 380 V	5.00	0.0000 +	0.00
201	10000002090	FICHA PERNOO CHATO T/TIERRA	94.00	0.0000 +	0.00
202	10000002100	GRAMPA P/CANO Nro.32 (OLMAR)	680.00	0.0000 +	0.00
203	10000002110	HIERRO ANGULO P/SOPORTE PUESTO	50.00	0.0000 +	0.00
204	10000002120	GRAMPA P/CANO Nro.65 (OLMAR)	256.00	0.0000 +	0.00
205	10000002130	IGNITOR PHILIPS P/LAMP 70W	11.00	0.0000 +	0.00
206	10000002140	INTERRUPTOR TIPO NR 100	6.00	0.0000 +	0.00
207	10000002150	INTERRUPTOR BLINDADO 2x20 A	4.00	0.0000 +	0.00
208	10000002160	JABALINA FE x 1,50 m.	14.00	0.0000 +	0.00
209	10000002170	JABALINA CU/FE	49.00	0.0000 +	0.00
210	10000002180	LAMPARA SODIO 70W S/IGNITOR	36.00	0.0000 +	0.00
211	10000002190	PROYECTOR SIEMENS 5NA 717	2.00	0.0000 +	0.00
212	10000002200	PULSADOR C/CAJA ANTIEXPL.	2.00	0.0000 +	0.00
213	10000002210	RELE TERMICO TELEM. LR1	12.00	0.0000 +	0.00
214	10000002220	RELE TERMICO TUBIO	98.00	0.0000 +	0.00
215	10000002230	CONTACTOR TELEMECANIQUE	12.00	0.0000 +	0.00
216	10000002240	INTERRUPTOR EMA	3.00	0.0000 +	0.00
217	10000002250	TRANSFORMADOR INTENSIDAD	4.00	0.0000 +	0.00
218	10000002260	REMACHES 4,5x6 mm.	732.00	0.0000 +	0.00
219	10000002270	REMACHES COBRE 6x29	16.00	0.0000 +	0.00
220	10000002280	REMACHES ALUMINIO 4,5x16	734.00	0.0000 +	0.00
221	10000002290	REPUESTOS ARTEFACTO AT 70	8.00	0.0000 +	0.00
222	10000002300	SECCIONADOR B/CARGA LHBN125	4.00	0.0000 +	0.00
223	10000002310	TABLERO SOMERFELD "D"	12.00	0.0000 +	0.00
224	10000002320	TERMOMAGNETICA DIN 1x15 A	24.00	0.0000 +	0.00
225	10000002330	TERMOMAGNETICA DIN 2x25 A	10.00	0.0000 +	0.00
226	10000002340	TERMOMAGNETICA DIN 3x30 A	1.00	0.0000 +	0.00
227	10000002350	TERMOMAGNETICA EMA 3x250 A	1.00	0.0000 +	0.00
228	10000002360	TERMOMAG. TUBIO 3x63 A	1.00	0.0000 +	0.00
229	10000002370	TERMOMAG. IDT 3x25 A	1.00	0.0000 +	0.00
230	10000002380	TERMOMAG. IDT 1x25 A	2.00	0.0000 +	0.00
231	10000002390	TERMOMAG.IDT 1x20 A	16.00	0.0000 +	0.00
232	10000002400	TERMOMAG. IDT 3x30 A	7.00	0.0000 +	0.00

ANEXO

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

Página: 5

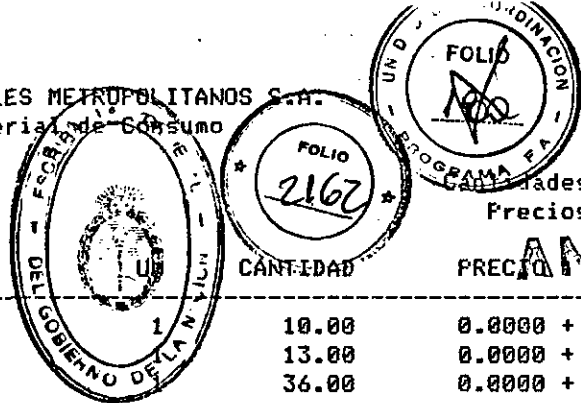
Línea : 21 ROCA

Almacén: 213407 V. Y O. PLAZA C.

Valores al: 31/08/94

Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	ANEXO	IMPORTE
233	10000002410	TERMOMAG. SICA 3x15 A	1	10.00	0.0000 +	0.00
234	10000002420	TERMOMAG. SICA 3x63 A	1	13.00	0.0000 +	0.00
235	10000002430	TERMOMAG. SICA 1x32 A	1	36.00	0.0000 +	0.00
236	10000002440	TERMOMAG. SICA 3x15 A	1	10.00	0.0000 +	0.00
237	10000002450	TERMOMAG. SICA 3x25 A	1	45.00	0.0000 +	0.00
238	10000002460	TORTUGA ANTIEXPLOSIVA	1	6.00	0.0000 +	0.00
239	10000002470	TAPAS TOMA A TIERRA 220 V	1	18.00	0.0000 +	0.00
240	10000002480	TOMA PAYRA	1	19.00	0.0000 +	0.00
241	10000002490	TOMA TD. INDUSTRIAL	1	36.00	0.0000 +	0.00
242	10000002500	TOMA PAYRA INTEMPERIE	1	19.00	0.0000 +	0.00
243	10000002510	FICHA STECK 380/16 A	1	5.00	0.0000 +	0.00
244	10000002520	TRANSFORMADOR 220V/24V	1	12.00	0.0000 +	0.00
245	10000002530	TULIPA ACERO INOXIDABLE	1	7.00	0.0000 +	0.00
246	10000002540	TUBOS FLUORESCENTES 110W	1	2284.00	0.0000 +	0.00
247	10000002550	CABLE AEREO 4 mm2	3	3700.00	0.0000 +	0.00
248	10000002560	CABLE AEREO 6 mm2	3	6550.00	0.0000 +	0.00
249	10000002570	ALAMBRE ESMALTADO 180gds.	4	9.19	0.0000 +	0.00
250	10000002580	ALAMBRE ESMALTADO 0,45 mm.	4	1.63	0.0000 +	0.00
251	10000002590	ALAMBRE ESMALTADO 0,65 mm.	4	6.53	0.0000 +	0.00
252	10000002600	RODAMIENTO BTB	1	4.00	0.0000 +	0.00
253	10000002610	RODAMIENTO 1611	1	1.00	0.0000 +	0.00
254	10000002620	RODAMIENTO LV 312	1	4.00	0.0000 +	0.00
255	10000002630	RODAMIENTO LV 311	1	2.00	0.0000 +	0.00
256	10000002640	RODAMIENTO C 306	1	1.00	0.0000 +	0.00
257	10000002650	CRAPODINA 474776	1	4.00	0.0000 +	0.00
258	10000002660	RODAMIENTO 6210 RS 1	1	4.00	0.0000 +	0.00
259	10000002670	MYLAR 0,35	4	7.85	0.0000 +	0.00
260	10000002680	MYLAR 0,25	4	12.10	0.0000 +	0.00
261	10000002690	COLECTOR 62 DELGAS	1	2.00	0.0000 +	0.00
262	10000002700	COLECTOR 12 DELGAS	1	4.00	0.0000 +	0.00
263	10000002710	RODAMIENTO 7217	1	5.00	0.0000 +	0.00
264	10000002720	RODAMIENTO 13 NU 2	1	1.00	0.0000 +	0.00
265	10000002730	RODAMIENTO 12 ADR	1	2.00	0.0000 +	0.00
266	10000002740	RODAMIENTO NRJ 13/4	1	2.00	0.0000 +	0.00
267	10000002750	RODAMIENTO 7213	1	2.00	0.0000 +	0.00
268	10000002760	COLECTOR 48 DELGAS	1	2.00	0.0000 +	0.00
269	10000002770	COLECTOR 32 DELGAS	1	7.00	0.0000 +	0.00
270	10000002780	COLECTOR P/CALEFACTOR	1	8.00	0.0000 +	0.00
271	10000002790	ALAMBRE D.C.A. 2,95 mm.	4	59.00	0.0000 +	0.00
272	10000002800	ESTAND 50Z	4	1.70	0.0000 +	0.00
273	10000002810	ELECTRODO 3,25 mm.	4	27.00	0.0000 +	0.00
274	10000002820	RODAMIENTO 38 V 27	1	1.00	0.0000 +	0.00
275	10000002830	RODAMIENTO 408 - B	1	1.00	0.0000 +	0.00
276	10000002840	ALAMBRE 180 grds., 1,45 mm.	4	40.00	0.0000 +	0.00
277	10000002850	ARRAZADERAS P/CANO DE 2"	1	6.00	0.0000 +	0.00
278	10000002860	ABRAZADERAS GRANDES P/CANO 2"	1	75.00	0.0000 +	0.00
279	10000002870	ABRAZADERAS GRAN.P/CANO DE 7/8	1	19.00	0.0000 +	0.00
280	10000002880	ABRAZ.P/CANO DE 4"	1	3.00	0.0000 +	0.00
281	10000002890	ABRAZ.P/CANO DE 2"	1	3.00	0.0000 +	0.00
282	10000002900	ABRAZ.P/CANO 1"	1	4.00	0.0000 +	0.00
283	10000002910	SUJETADORES P/CABLES PLASTIC.	1	2.00	0.0000 +	0.00
284	10000002920	EMPALMES "FERILLI"	1	8.00	0.0000 +	0.00
285	10000002930	TUERCAS Y CONTRAT.P/CANOS 4"	1	4.00	0.0000 +	0.00
286	10000002940	TUERCAS Y CONTRAT.P/CANOS 6"	1	5.00	0.0000 +	0.00
287	10000002950	MORCETOS P/CABLES DE 10 A 35MM	1	1.00	0.0000 +	0.00
288	10000002960	CAJAS FUNDICION DE ALUMINIO	1	12.00	0.0000 +	0.00
289	10000002970	CAJAS DE CHAPA P/TABLERO	1	6.00	0.0000 +	0.00
290	10000002980	CAJAS DE CHAPA P/TABL.C/CERRAD	1	1.00	0.0000 +	0.00



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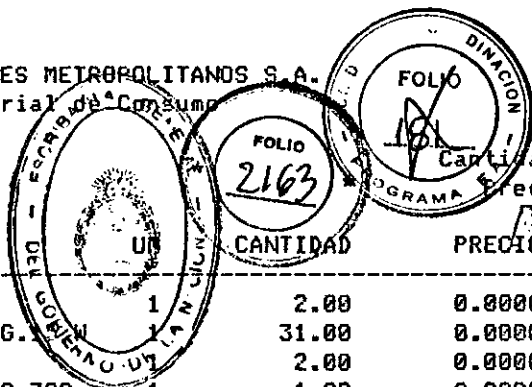
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 6

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



Capitulados al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
291	10000002990	CAJA DE CHAPA COMUNES	1	2.00	0.0000 +	0.00
292	10000003000	ARTEFACTO P/LUZ DE EMERG.	1	31.00	0.0000 +	0.00
293	10000003010	CAJA DE CHAPA P/TABLERO	1	2.00	0.0000 +	0.00
294	10000003020	CAJA DE CHAPA P/TABL.452x300	1	1.00	0.0000 +	0.00
295	10000003030	CAJA DE HIERRO CON TAPA	1	2.00	0.0000 +	0.00
296	10000003040	AISLADOR ORGANICO 13,2 KV	1	6.00	0.0000 +	0.00
297	10000003050	AISLADOR SOP./P/INTER.ASI 30	1	9.00	0.0000 +	0.00
298	10000003060	GRAPA CONECTORA AL 35 mm2	1	9.00	0.0000 +	0.00
299	10000003070	FUSIBLE TIPO NH 35 A	1	1.00	0.0000 +	0.00
300	10000003080	GRAPA CONECTORA PARALELA	1	11.00	0.0000 +	0.00
301	10000003090	GRAPA CONECTORA AL 70 mm2	1	9.00	0.0000 +	0.00
302	10000003100	CURVA P/BANDEJA PORTACABLE	1	3.00	0.0000 +	0.00
303	10000003110	TRAMO DERIV.P/BANDEJA PORTACAB	1	4.00	0.0000 +	0.00
304	229062220400	ABRAZADERA DE ACERO DIAM.40MM	1	17.00	0.0000 +	0.00
305	65010200130	GOZNE P/MENSULA MOVIL (INF)	1	6.00	0.0000 +	0.00
306	65010300030	GOZNE P/MENSULA MOVIL (SUP)	1	1.00	0.0000 +	0.00
307	65010300050	GOZNE P/MENSULA MOVIL (INF)	1	2.00	0.0000 +	0.00
308	65010300070	GOZNE P/MENSULA MOVIL (SUP)	1	1.00	0.0000 +	0.00
309	65010400050	ABRAZADERA	1	5.00	22.6306	113.15
310	65010400090	ABRAZADERA	1	1.00	33.1931	33.19
311	65010400130	ABRAZADERA	1	3.00	19.6128	58.84
312	65010400150	ABRAZADERA	1	2.00	55.0702	110.14
313	65010400210	ABRAZADERA	1	2.00	268.3282	536.66
314	65010400230	ABRAZADERA DE POSTE TIPO I	1	4.00	0.0000 +	0.00
315	65010400270	ABRAZADERA	1	2.00	11.3146	22.63
316	65010400290	ABRAZADERA	1	2.00	73.9309	147.86
317	65010400310	ABRAZADERA	1	2.00	73.9309	147.86
318	65010400350	ABRAZADERA P/BALANCEADOR 3TN	1	1.00	24.1402	24.14
319	65010400440	ABRAZADERA	1	3.00	13.5778	40.73
320	65010500050	PLANCHUELA 6X50X600 PROLONG.	1	2.00	0.0000 +	0.00
321	65010500090	PLANCHUELA PROLONGACION	1	1.00	0.0000 +	0.00
322	65010500110	PLANCHUELA PROLONGACION	1	2.00	0.0000 +	0.00
323	65010500130	BARRA RETENCION Ø 16 X 2000	1	3.00	0.0000 +	0.00
324	65010500230	BARRA RETENCION Ø 13 MM	1	3.00	0.0000 +	0.00
325	65010700070	HORQUILLA	1	38.00	16.5946	630.59
326	65010700090	HORQUILLA	1	34.00	11.3146	384.70
327	65010700130	HORQUILLA TIPO Y (J-0119)	1	2.00	0.0000 +	0.00
328	65010700150	HORQUILLA	1	15.00	14.3322	214.98
329	65010700170	HORQUILLA	1	30.00	15.0867	452.60
330	65010800050	HERRAJE	1	1.00	36.2105	36.21
331	65010800230	HERRAJE	1	6.00	15.0867	90.52
332	65010800270	MORZA	1	12.00	60.3507	724.21
333	65010800290	GRAMPA	1	73.00	15.0867	1101.33
334	65010800310	HERRAJE	1	5.00	11.3146	56.57
335	65010800330	HERRAJE L.S.P/VIGA BAJO TENS.	1	3.00	0.0000 +	0.00
336	65010800350	JUNTA	1	30.00	3.7708	113.12
337	65010800370	ORBITA	1	35.00	49.7896	1742.64
338	65010800390	ORBITA	1	43.00	43.7544	1881.44
339	65010800410	BULON	1	2.00	9.0516	18.10
340	65010800440	TIPO FOLEA	1	1.00	18.8593	18.86
341	65010900480	HORQUILLA	1	30.00	9.0516	271.55
342	65010900070	EMPALME	1	10.00	2.2611	22.61
343	65010900090	EMPALME	1	10.00	2.2611	22.61
344	65010900110	EMPALME RIENDA 90 MM2-1 LINEA	1	139.00	0.0000 +	0.00
345	65011000050	ACCESORIO P/EMPALME	1	6.00	13.5778	81.47
346	65011000110	ACCESORIO P/EMPALME	1	2.00	7.5419	15.08
347	65011000150	ACCESORIO P/EMPALME	1	2.00	18.8593	37.72
348	65011000170	MORZA DOBLE	1	31.00	25.6477	795.08

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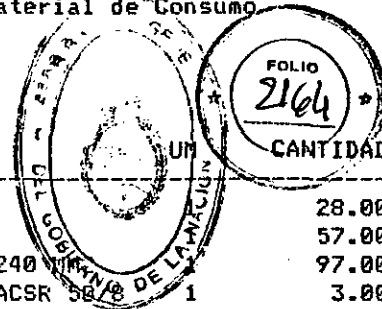
FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Ventajas al: 31/08/94
Beneficios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
349	65011000190	MORDAZA DOBLE		28.00	25.647	8.14
350	65011000210	MANGUITO		57.00	33.9465	1934.95
351	65011000230	MANGUITO EMPALME AL 240		97.00	0.0000 +	0.00
352	65011000250	MANGUITO EMPALME AL-ACSR 50	1	3.00	0.0000 +	0.00
353	65011000270	MANGUITO EMPALME AL 50 MM2	1	109.00	0.0000 +	0.00
354	65011000280	MANGUITO DE EMPALME 70MM	1	31.00	0.0000 +	0.00
355	65011000290	MANGUITO	1	23.00	27.1579	624.63
356	65011000310	MANGUITO	1	16.00	27.1579	434.53
357	65011000330	MANGUITO	1	9.00	16.5746	149.35
358	65011000350	MANGUITO	1	65.00	13.5778	882.56
359	65011000370	MANGUITO REPARACION AL 50 MM2	1	125.00	0.0000 +	0.00
360	65011000390	MANGUITO DE REPARACION 70MM	1	38.00	0.0000 +	0.00
361	65011000410	MANGUITO REPARACION AL 185 MM2	1	106.00	0.0000 +	0.00
362	65011000430	MANGUITO REPARACION AL 240 MM2	1	94.00	0.0000 +	0.00
363	65011000700	CONJ.PREFORMADO P/EMP. 50 MM2	1	7.00	6.8947	48.26
364	65011000740	CONJ.PREFORMADO P/EMP. 185 MM2	1	4.00	0.0000 +	0.00
365	65011000760	CONJ.PREFORMADO P/EMP. 240 MM2	1	4.00	29.3197	117.29
366	65011100050	MORZA	1	5.00	99.5807	497.90
367	65011100070	MORZA	1	38.00	67.8953	2580.02
368	65011100110	MORZA	1	2.00	52.8072	105.61
369	65011300030	TERMINALES	1	12.00	25.6477	307.77
370	65011300050	TERMINALES	1	4.00	10.5596	42.24
371	65011300070	TERMINALES	1	35.00	22.6306	792.07
372	65011300090	TERMINALES	1	23.00	34.7010	798.12
373	65011300110	TERMINALES	1	14.00	39.2269	549.18
374	65011300130	TERMINALES	1	17.00	18.8593	320.61
375	65011300150	TERMINALES	1	17.00	15.0867	256.47
376	65011300170	TERMINALES	1	50.00	3.7708	188.54
377	65011300190	TERMINALES	1	60.00	3.7708	226.25
378	65011300210	MORCETO	1	18.00	3.7708	67.87
379	65011700180	COLLAR P/FIJAR CONDUCTORES	1	4.00	0.0000 +	0.00
380	65011900030	AISLADOR DE VIGA	1	18.00	0.6311	11.36
381	65030100550	VARILLA	1	1.00	9.0516	9.05
382	65030101100	PROTECCION	1	2.00	3.0161	6.03
383	65030200010	GRAMPA P/PENDOLA	1	7.00	14.2422	99.70
384	65030200020	GRAMPA PARA PENDOLA	1	9.00	10.6511	95.86
385	65030200030	GRAMPA PARA PENDOLA	1	57.00	0.0000 +	0.00
386	65030200040	GRAMPA PARA PENDOLA	1	10.00	50.0229	500.23
387	65030300020	PENDOLA SUSPENSION CU 170 MM2	1	27.00	0.0000 +	0.00
388	65030300050	PENDOLA SUSPENSION CU 170 MM2	1	60.00	0.0000 +	0.00
389	65030300060	PENDOLAS	1	20.00	4.5243	90.49
390	65030400010	MORDAZA	1	10.00	150.8794	1508.79
391	65030400060	MORDAZA	1	1.00	132.7737	132.77
392	65030400080	MORDAZA	1	4.00	111.6513	446.61
393	65030400140	MORDAZA	1	5.00	132.7737	663.87
394	65030400150	MORDAZA	1	5.00	26.4028	132.01
395	65030500010	CONECTOR ST 90-90 (L=600 MM)	1	3.00	0.0000 +	0.00
396	65030500050	CONECTOR	1	2.00	75.4389	150.88
397	65030500100	CONECTOR ST 135-135 (L=800)	1	2.00	0.0000 +	0.00
398	65030500120	CONECTOR ST 135-135 (L=1200)	1	2.00	0.0000 +	0.00
399	65030500130	CORRECTOR	1	4.00	108.6336	434.53
400	65030500140	CORRECTOR	1	15.00	84.4918	1267.38
401	65030501160	CONECTOR	1	4.00	0.0000 +	0.00
402	65030700020	BRAZO	1	23.00	81.4745	1873.91
403	65030700040	BRAZO TENS.TIPO RECTO 110 MM2	1	15.00	0.0000 +	0.00
404	65030700050	BRAZO TENS.TIPO RECTO 170 MM2	1	1.00	0.0000 +	0.00
405	65031000010	CANO	1	2.00	22.6306	45.26
406	65031100030	PROTECCION	1	63.00	1.9607	123.52

ANEXO

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 8

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



Anticipo al: 31/08/94
Presios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
407	65031200010	ALAMBRE	30.00	7.0100	210.30
408	65031200040	CABLE	15.00	1.5068	22.60
409	65050100010	CONDOC. AL-ALMA ACERO 50/8MM2	3	1900.00	0.0000 + 0.00
410	65050200010	DESCARGADOR	1	6.00	413.4141 2480.48
411	65050200020	BASE P/DESC. SOBRETENSION	1	4.00	0.0000 + 0.00
412	65050200030	CAPERUZA P/DESC. SOBRETENSION	1	36.00	0.0000 + 0.00
413	65050200040	ELECTRODO P/DESC. SOBRETENSION	1	28.00	0.0000 + 0.00
414	65050400010	JABALINA	1	9.00	19.8905 179.01
415	65060500120	PASTA	4	0.50	1.1299 0.56
416	65060700010	FIJADOR	1	2.00	10.5596 21.12
417	65060700040	PINTURA	5	8.00	28.6654 229.32
418	65210000020	INDICADOR NIVEL DE ACEITE	1	2.00	0.0000 + 0.00
419	65210000100	RELE BUCHHOLZ TIPO TBC	1	1.00	0.0000 + 0.00
420	65210000200	SILICA-GEL	4	4.54	0.0000 + 0.00
421	65210002010	DISPOSITIVO ALIVIO DE PRESION	1	1.00	0.0000 + 0.00
422	65210002200	TERMOMETRO P/AUTOTRANSFORMAD.	1	1.00	0.0000 + 0.00
423	65210003200	RELEVADOR BUCHHOLZ	1	1.00	0.0000 + 0.00
424	65210099999	INDICADOR NIVEL ACEITE AUTOTRA	1	13.00	0.0000 + 0.00
425	65220104160	RESISTENCIA CALEFACTORA	1	14.00	0.0000 + 0.00
426	65220108000	SECCIONADOR TRIPOL.15KV-TESLA	1	1.00	0.0000 + 0.00
427	65220108060	SOLENOIDE DE ENCLAVAMIENTO	1	2.00	0.0000 + 0.00
428	65220200130	VALVULA APERTURA	1	5.00	0.0000 + 0.00
429	65220200140	VALVULA DE CIERRE	1	5.00	0.0000 + 0.00
430	65220200200	BOBINA DE CIERRE	1	12.00	0.0000 + 0.00
431	65220200210	BOBINA DE APERTURA	1	12.00	0.0000 + 0.00
432	65220200340	MANOMETRO P/CIRC.DE AIRE	1	3.00	0.0000 + 0.00
433	65220200400	BOTELLON	1	75.00	1.7115 128.36
434	65220200450	LLAVE BIPOLAR A CUCHILLO	1	1.00	0.0000 + 0.00
435	65220200500	RESISTENCIA 60 OHM	1	2.00	0.0000 + 0.00
436	65220200510	RESISTENCIA 40 OHM	1	2.00	0.0000 + 0.00
437	65220201090	CONTACTO MOVIL	1	4.00	0.0000 + 0.00
438	65220201250	ASIEN TO CONTACTO FIJO	1	4.00	0.0000 + 0.00
439	65220300010	RELEVADOR	1	1.00	0.1391 # 0.14
440	65220300050	RELEVADOR DIFERENCIAL	1	3.00	0.0000 + 0.00
441	65220300100	RELE SUBTENSION	1	2.00	0.0000 + 0.00
442	65220300150	RELE SOBRECORRIENTE	1	3.00	0.0000 + 0.00
443	65220300200	RELEVADOR	1	2.00	0.1391 # 0.28
444	65220300250	RELE SELECTOR DE FALLA	1	2.00	0.0000 + 0.00
445	65220300300	RELE DE SUBTENSION	1	3.00	0.1391 # 0.42
446	65220300400	RELEVADOR	1	5.00	0.1391 # 0.70
447	65220304500	DESCARGADOR DE SOBRETENSION	1	1.00	0.0000 + 0.00
448	65220305500	DESCARGADOR	1	3.00	1478.5410 4435.62
449	65220305510	BOBINA MAGNETIZABLE	1	30.00	0.0000 + 0.00
450	65220308000	DESCARGADOR	1	1.00	88.7436 88.74
451	65220400100	INDICADOR DE FALLA TOSHIBA	1	2.00	0.0000 + 0.00
452	65220401000	RELE CAMSA RTS 210	1	4.00	0.0000 + 0.00
453	65220401600	RELE TEMPORIZADO	1	6.00	0.0000 + 0.00
454	65220401800	CONMUTADOR RIESTABLE	1	5.00	0.0000 + 0.00
455	65220402200	RELE AUXILIAR	1	1.00	0.0000 + 0.00
456	65220402400	RELE AUXILIAR RE 300 X 110 CC	1	10.00	0.0000 + 0.00
457	65220402600	RELE AUXILIAR	1	6.00	0.0000 + 0.00
458	65230302070	FUSIBLE	1	2.00	0.0000 + 0.00
459	65230303000	SECCIONADOR FUSIBLE A EXPULS.	1	42.00	677.5969 28459.07
460	65230303040	CARTUCHO FUSIBLE KERNEY	1	74.00	0.0000 + 0.00
461	65230303100	FUSIBLE MODELO POSITROL 1 AMP	1	120.00	6.6934 803.21
462	65230303120	FUSIBLE P/KEARNEY 2 AMP.	1	121.00	0.0000 + 0.00
463	65230303140	FUSIBLE PARA KEARNEY 3 A	1	51.00	0.0000 + 0.00
464	65230303200	FUSIBLE PARA KEARNEY	1	52.00	0.0000 + 0.00

ANEXO

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Emisión: 10/11/94

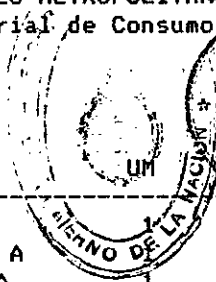
FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

Página: 9

Linea : 21 ROCA

Almacén: 213407 V. Y O. PLAZA C.



Cantidades al: 31/08/94
Precios al: 31/07/94

NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
465	65230303240 FUSIBLE P/KEARNY 8AK	1	35.00	0.0000 +	0.00
466	65230303300 FUSIBLE PARA KEARNEY 10 A	1	35.00	0.0000 +	0.00
467	65230303350 FUSIBLE PARA KEARNEY 15A	1	45.00	0.0000 +	0.00
468	65230303400 FUSIBLE 20 AMP	1	55.00	0.0000 +	0.00
469	65230303450 FUSIBLE P/KEARNEY 25A	1	12.00	0.0000 +	0.00
470	65230303500 FUSIBLE PARAKEARNEY 30A	1	15.00	0.0000 +	0.00
471	65230303600 FUSIBLE 40 AMP	1	5.00	0.0000 +	0.00
472	65230303700 FUSIBLE PARA KEARNEY 50A	1	46.00	0.0000 +	0.00
473	65230303800 FUSIBLE 65 AMP	1	6.00	0.0000 +	0.00
474	65230304000 FUSIBLE PARA KEARNEY 80A	1	47.00	0.0000 +	0.00
475	65230304200 FUSIBLE PARA KEARNEY 100A	1	12.00	0.0000 +	0.00
476	65230400010 INTERRUP.TRIP.PEQ.VOL.ACEITE	1	1.00	0.0000 +	0.00
477	65230400020 CILINDRO AISL.INT.PEQ. VOL.	1	4.00	0.0000 +	0.00
478	65230400030 BIELA AISLANTE INT.PEQ.VOL.	1	3.00	0.0000 +	0.00
479	65230400050 CONTACTO MOVIL	1	4.00	0.0000 +	0.00
480	65230400060 CONTACTO GUIA	1	2.00	0.0000 +	0.00
481	65230400070 CAMARA DE ARCO	1	2.00	0.0000 +	0.00
482	65230400080 ELEMENTO CONTACTO FIJO	1	3.00	0.0000 +	0.00
483	65230400110 INDIC.NIVEL ACEITE INT.PEQ.	1	36.00	19.3166	695.40
484	65230400140 CAPELUZA AISLANTE INT.PEQ.VOL.	1	2.00	0.0000 +	0.00
485	65230400150 TAPA DE LLENADO DE ACEITE	1	13.00	0.0000 +	0.00
486	65230400160 TAPA PARA DESCARGA DE ACEITE	1	6.00	9.0498	54.30
487	65230400190 GUARNICION P/VISOR	1	15.00	0.0000 +	0.00
488	65230400220 GUARNICION P/TAPA LLENADO ACEI	1	32.00	0.0000 +	0.00
489	65230400230 ELEM.DE TRANSICION SAL/ENTRA	1	12.00	0.0000 +	0.00
490	65230499999 BLOCH CONTACTO AUXILIAR	1	2.00	0.0000 +	0.00
491	65230600050 RELE SOBRECORRIENTE	1	1.00	0.0000 +	0.00
492	65230600200 RELE SOBRECORRIENTE	1	2.00	0.0000 +	0.00
493	65230600250 RELE CAMSA RVKS 3100	1	3.00	0.0000 +	0.00
494	65230600300 RELE CAMSA 3110 RVKS	1	1.00	0.0000 +	0.00
495	65230600510 FUSIBLE TUBULAR	1	9.00	0.0000 +	0.00
496	65240100100 BATERIA NIFE HIP 19	1	2.00	1127.9594	2255.92
497	65240601100 VALVULA DE SEGURIDAD	1	1.00	0.0000 +	0.00
498	65240601550 EMPAQUETADURA COMPRESOR	1	6.00	0.0000 +	0.00
499	65240601900 COMPRESOR DE AIRE	1	2.00	0.0000 +	0.00
500	65240602000 MOTOR TRIFASICO	1	1.00	0.0000 +	0.00
501	65240602050 VALVULA REDUCTORA DE PRESION	1	3.00	0.0000 +	0.00
502	65240602700 VALVULA DRENAJE P/COMPRESOR	1	6.00	0.0000 +	0.00
503	65270103900 TRANSFORMADOR DE TENSION 15KVA	1	3.00	0.0000 +	0.00
504	69010400260 AISLADOR SUSP.DIAM.254 HORQUI.	1	25.00	3.6885	92.21
505	69010400270 AISLADOR SUSP.DIAM.170 ROTULA	1	64.00	3.7034	237.02
506	69010400280 AISLADOR SUSP.DIAM.190 HORQUI.	1	24.00	3.8936	93.45
507	69010400600 AISLADOR	1	45.00	0.9402	42.31
508	69010400780 AISLADOR SUSP.DIAM.254 ROTULA	1	124.00	0.1391 #	17.25
509	69020261650 CONECTOR P/BOTELLA TERM.50 MM2	1	84.00	14.3161	1202.55
510	69020261710 CONECTOR P/BOT. TERM.240 MM2	1	39.00	18.3554	715.86
511	70000000149 BULON P/ECLISA 22,2X110 MM	1	500.00	0.0139	6.95
512	70005010700 ALMOHADILLA GOMA 200X138MM	1	4475.00	2.5065	11216.59
513	70005011500 ALMOHADILLA 180X138X4,5MM	1	0.00	3.5092	0.00
514	70005011800 ALMOHADILLAS ACANAL.DE CAUCHO	1	0.00	4.2051	0.00
515	70000014500 ANCLA P/RIEL 100 BS.TIPO T	1	0.00	7.0986	0.00
516	70000014501 ANCLA P/RIEL 100 BS.TIPO T	1	12300.00	4.9690	61118.70
517	70011101000 ARANDELA ELAS.21X38X8,5X7MM	1	610.00	0.5213	317.99
518	70011101600 ARANDELA DE 22 MM	1	0.00	0.7041	0.00
519	70011101605 ARANDELA ELAS.22X46X12X6M	1	16.00	0.2112	3.38
520	70011102001 ARANDELA ELASTICA 24 MM.	1	970.00	0.3509	340.37
521	70011102505 ARANDELA ELAS.25X43X9X7,5M	1	13.00	0.1503	1.95
522	70011103000 ARANDELA ELAS.27X45X9X9M	1	31127.00	0.5814	18097.24

ANEXO

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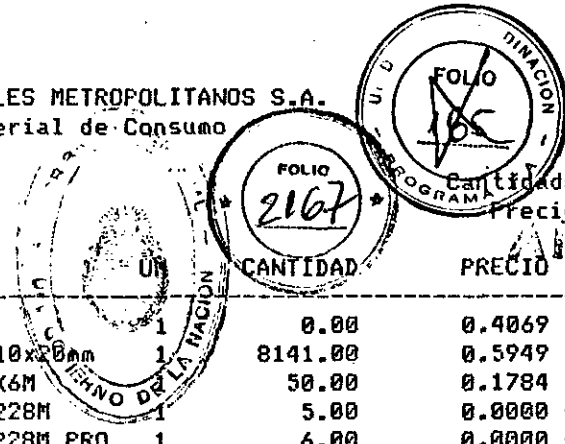
FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 10

Línea : 21 ROCA
Almacén: 213407 V. Y O. FLAZA C.

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
523	70011103001		0.00	0.4069	0.00	
524	70011180500	ARANDELAS ELAST.26x46x10x20mm	8141.00	0.5949	4843.08	
525	70011180505	ARANDELA ELAS.26X46X10X6M	50.00	0.1784	8.92	
526	70023010900	BULON ATE C.CUAD.25,4X228M	5.00	0.0000 +	0.00	
527	70023010905	BULON ATE C.CUAD.25,4X228M PRO	1	6.00	0.0000 +	0.00
528	70024012405		1	0.00	0.6918	0.00
529	70024014200	BULON 25,4x133 MM	1	95.00	2.9037	275.85
530	70024014205	BULON 23 X 145 MM.	1	0.00	0.8711	0.00
531	70024040700	BULON C.A.B.DIAM. 20x132	1	115.00	2.5638	294.84
532	70024040701	BULON P/ECLISA 20X132MM	1	0.00	1.7946	0.00
533	70024050600	BULON 1/ECLISA 25,4X130M	1	370.00	2.9037	1074.37
534	70024050605	BULON 25,4X130MM PRODUCIDO	1	109.00	0.8711	94.95
535	70024050905	BULON ECLISA 25,4X145MM PROD.	1	25.00	0.0000 +	0.00
536	70024070905	BULON ECLISA 22,2X121MM PROD.	1	13.00	0.0417	0.54
537	70024130905	BULON ECLISA 22,2X127MM	1	48.00	0.9023	43.31
538	70024131200	BULON P/ECLISA 22,2x145 MM	1	210.00	2.5742	540.58
539	70024151201	BULON ECLISA 22,2X145MM PROD	1	0.00	0.0973	0.00
540	70025010300	BULON T.19x67	1	7500.00	1.6041	12030.75
541	70025010301	BULON T 19 X 67 MM.	1	15000.00	1.1228	16842.00
542	70025050300	BULON 22,2x76 MM	1	0.00	2.0052	0.00
543	70025050301	BULON T 22,2 X 76 MM.	1	65.00	1.4036	91.23
544	70025050700	BULON VIG.60 22,2x90 MM	1	52645.00	2.0592	108406.58
545	70025050703	BULON P/SILLETA DE 22X90MM	1	99.00	1.0296	101.93
546	70038051001	CLAVO GANCHO P/SILL.T/B 19	1	20.00	1.1580	23.16
547	70038051005	CLAVO GANCHO 19MM	1	0.00	0.4962	0.00
548	70038052005	CLAVO GANCHO 19x115 MM	1	0.00	0.5414	0.00
549	70038053001	CLAVO GANCHO TIPO "B" 21	1	0.00	1.1695	0.00
550	70038055000	CLAVOS GANCHOS	1	865.00	1.9460	1683.29
551	70038055001	CLAVO GANCHO TIPO "B" 22	1	0.00	1.3622	0.00
552	70038150501	CLAVO DOBLE VAST.T.D.5 18	1	0.00	1.5280	0.00
553	70065010200	DTE.Q.C. 012X024X2,50M	1	0.00	16.6681	0.00
554	70065010300	DURMIENTE Q.C.2,70 M	1	0.00	24.7145	0.00
555	70065010301	DURMIENTE Q.C.0,12X0,24X2,70M.	1	0.00	17.3001	0.00
556	70065010305	DURMIENTE Q.C.2,70 MM	1	0.00	7.4143	0.00
557	70065010400	DURMIENTE Q.C.3,00 M	1	63.00	19.7358	1243.36
558	70065010403	DTE.Q.C.012X024X3,00M	1	0.00	9.8679	0.00
559	70065010405	DURMIENTE DE 3,00 M.	1	0.00	5.9207	0.00
560	70065020300	DURMIENTE Q.C.0,15X0,24X2,70M.	1	0.00	30.3796	0.00
561	70065020400	DURM.QCHO.CDO.DE 3,00MTS.	1	0.00	34.8063	0.00
562	70065050500	DURMIENTE Q.C.DE 3 M.	1	0.00	0.1391 #	0.00
563	70065062400	DURMIENTE Q.C.DE 2,70 M.	1	0.00	0.0000 +	0.00
564	70065062401	DTE.Q C 0,15X0,24X2,70M	1	70.00	0.0000 +	0.00
565	70065100100	DURMIENTE Q.C.3,25 M	1	36.00	30.0789	1082.84
566	70065100200	DURMIENTE ESP/CAM.3,50 M	1	0.00	31.9231	0.00
567	70065100205	DTE.Q.C. 012X024X3,50 M	1	0.00	9.5769	0.00
568	70065100300	DURMIENTE ESP/CAM.3,75 M	1	15.00	33.0868	496.30
569	70065100400	DURMIENTE ESP/CAM.4,00M	1	57.00	37.0718	2113.09
570	70065100500	DURMIENTE ESP/CAM.4,25 M	1	0.00	38.0999	0.00
571	70065100505	DURMIENTE Q.C.DE 4,25 M.	1	0.00	11.4299	0.00
572	70065100600	DURMIENTE Q.C.0,12X0,24X4,50M.	1	0.00	40.1052	0.00
573	70065100605	DTE.Q.C. 012X024X4,50 M	1	0.00	12.0315	0.00
574	70065100700	DTE.Q.C. 012X024X5,00 M	1	0.00	45.1183	0.00
575	70065100800	DURMIENTE Q.C.0,12X0,24X5,00M.	1	6.00	44.1157	264.69
576	70065100805	DURMIENTES 5,00 M	1	0.00	13.2347	0.00
577	70065101200	DTE. Q.C. 012X024X3,00	1	0.00	27.0710	0.00
578	70065150300	DURMIE.ESP.QC.F/CAM.3,00	1	142.00	34.8063	4942.49
579	70065150400	DURMIE.ESP.QC.F/CAM.3,25 M	1	66.00	37.5868	2480.73
580	70065150500	DURMIEN.ESP.QC.F/CAM.3,50	1	371.00	40.3672	14976.23

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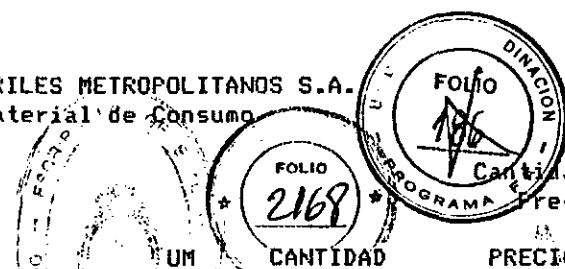
Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
581	70065150600	DURMIE.ESP.Q.C.P/CAM.3,75M	1	658.00	42.7357	28120.09
582	70065150700	DURMIE.ESP.Q.C.P/CAM.4,00M	1	194.00	46.1854	8959.97
583	70065150800	DURMIE.ESP.Q.C.P/CAM.4,25 M	1	21.00	49.6352	1042.34
584	70065150900	DURMIE.ESP.Q.C.P/CAM.4,50 M	1	2.00	52.0552	104.11
585	70065151000	DURMIE.ESP.Q.C.P/CAM.4,75 M	1	4.00	53.7410	214.96
586	70065151100	DURMIE.ESP.Q.C.P/CAM.5,00 M	1	41.00	56.3478	2310.26
587	70065200800	DURMIENTE Q.C. 015x020x2,70	1	40.00	26.7740	1070.96
588	70065200900	DTES. 015X024X2,70	1	33.00	29.0762	959.51
589	70071010300	DURMIE.ESP.CREOSOTADO 2,70 M	1	0.00	32.0841	0.00
590	70071010301	DURMIENTE Q.B.0,12X0,24X2,70M.	1	0.00	22.4588	0.00
591	70089013203	DTE.METAL COMUN 2,70M.LARGO	1	25.00	71.4560	1786.40
592	70098350103	ECLISA T/ANGULO 42,16K/M 4AGUJ	1	24.00	20.0526	481.26
593	70098450101	ECLISA T/ANGULO 42,16K/M 4AGUJ	1	320.00	0.0973	31.14
594	70098450301	ECLISA 100 FCS.6 AGUJEROS	1	996.00	0.0973	96.91
595	70100330103	ECLISA T/BARRA 42,16K/M 4AGUJA	1	8.00	19.3880	155.10
596	70100370103	ECLISA T/BARRA 42,16K/M 4AGUJA	1	10.00	0.0000 +	0.00
597	70100370503	ECLISA T/BARRA 42,16K/M 6AGUJA	1	170.00	0.0000 +	0.00
598	70100410305	ECLISA T/BARRA 42,16K/M 6 AGUJ	1	503.00	32.8359	16516.46
599	70100510503	ECLISA T/BARRA 49,61K/M 6AGUJA	1	32.00	19.5513	625.64
600	70100530100	ECLISA 100LBS 6 AG.	1	5.00	0.1391 #	0.70
601	70100530103	ECLISA 100FCS 6AGUJ. TIPO BARR	1	34.00	0.0695	2.36
602	70100530105	ECL.100FCS 6AGUJ.TIPO BARRA	1	147.00	0.0417	6.13
603	70100550105	ECLISA 100LBS 4 AG.	1	6.00	0.0417	0.25
604	70100550300	ECLISA P/RIEL 49,61 KG/M.4 AGU	1	172.00	40.1052	6898.09
605	70100550301	ECL.100BS.4AGUJ.TIPO BARRA	1	155.00	28.0736	4351.41
606	70100550305	ECLISAS	1	193.00	12.0315	2322.08
607	70100550501	ECLISA T/BARRA 49,61 K/M 4 AGU	1	17.00	62.1845	1057.14
608	70100550700	ECL.100BS. 4GUJ.TIPO BARRA	1	0.00	99.0774	0.00
609	70100551100	ECL.100BS.6 AGUJ TIPO BARRA	1	34.00	66.8754	2273.76
610	70100551101	EC.100BS.6AGUJ.TIPO BARRA	1	260.00	46.8127	12171.30
611	70100551105	ECL.100BS.6AGUJ.TIPO BARRA	1	8.00	20.0626	160.50
612	70100570100	ECL.100BS.P/RIEL SOVIETICO	1	0.00	50.1314	0.00
613	70100570300	ECLISA T.BARRA P/RIEL 50,50KG	1	157.00	67.1762	10546.66
614	70100580100	ECLIS."U"36-DE 4 AGUJEROS	1	0.00	51.4889	0.00
615	70100580105	ECLISA T/BARRA 50,63K/MPV36.4A	1	1.00	15.4466	15.45
616	70100580300	ECLISA T.BARRA 6 AGUJER.U 36	1	256.00	72.0845	18453.63
617	70100600100	ECLISA 4 AGUJEROS	1	0.00	40.1052	0.00
618	70100600105	ECLISA T/BARRA60,34K/MUIC60.4A	1	31.00	12.0315	372.98
619	70100600300	ECLISA P/RIEL UIC.60	1	329.00	50.1314	16493.23
620	70100600301	ECLISA T/BARRA 60,34K/MUIC6AGU	1	6.00	35.0919	210.55
621	70162500700	PLACA DE PRES.REGIDA	1	442.00	2.5065	1107.87
622	70162500701	PLACAPRES.87X75X16MM C/SILLETA	1	85.00	1.7545	149.13
623	70162500703	PLACA PRES.87X75X16MM.C/SILLET	1	64.00	1.2532	80.20
624	70162940300	PLACA DE PRES.C/COLA LETRA X	1	0.00	2.5065	0.00
625	70162940301	PLACA PRESION P/RIEL 49,61KG/M	1	7500.00	1.7545	13158.75
626	70162960300	PLACA MADERA DURA 133x70x4,8	1	105.00	2.5742	270.29
627	70162960600	PLACA DE PRESION P/SILLETA	1	88.00	2.5742	226.53
628	70162970500	PLACA PRES.ELAS.159X71X4MM	1	0.00	2.5065	0.00
629	70162970800	PLACA PRESION 158X70X4MM	1	2240.00	2.5065	5614.56
630	70168050300	PLAQUETA DE APOYO	1	1170.00	25.7443	30120.83
631	70347400205	RIEL 34,72K/M 7,62M 2 AGUJ	1	61.00	51.9010	3165.96
632	70367100205	RIEL 74LBS 9,14M	1	32.00	171.9973	5503.91
633	70367107001	RIEL 36,71K/M COR.6 A 11,99M	3	1955.00	32.4139	63369.17
634	70421200900	RIEL 42,16K/M 12,19M.C/2o3 AGU	1	5.00	378.8788	1894.39
635	70421200905	RIEL 42,16K/M 12,19M C/2o3 A.P	1	1.00	113.6636	113.66
636	70421207005	RIEL 42,16K/M 12,19M C/3 AGUJAS	3	14.60	210.5524	3074.07
637	70421400305	RIEL 42,16K/M 12M C/3 AGUJAS	1	3.00	0.0000 +	0.00
638	70421407005	RIEL 42,16K/M CORT.6 A 12,18MT	3	500.00	0.0417	20.85

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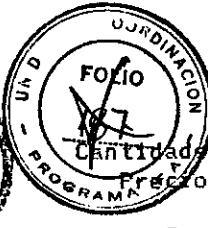
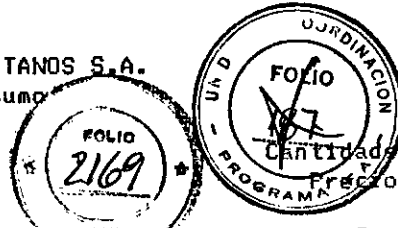


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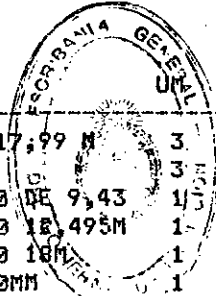
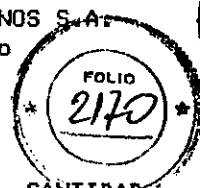
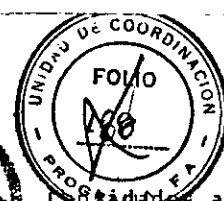
Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO
639	70421500101	RIEL 42,16K/M 1M LARG.C/3 AGUJAS	1	1.00	0.0000 +	0.00
640	70421506901	RIEL 41,16K/M CORT.DE 1 A 5,99M	3	86.00	0.0973	8.37
641	70421507000	RIEL 42,16K/M CORT.DE 6 A 17,99M	3	22.17	30.0789	666.85
642	70421507001	RIEL 42,16K/M.CORT.DE 6 A 17,99M	3	1083.28	21.0552	22808.68
643	70421507005	RIEL STOCK 28 T.4 DER.	3	0.00	9.0236	0.00
644	70421509001	RIEL 42,16K/M SOLDADO	3	704.00	491.2889	345867.39
645	70496200105	RIEL 49,6K/M DE 10M C/2 AGUJER	1	9.00	105.2762	947.49
646	70496201001	RIEL DE 100BS 12,19M	1	5.00	313.1015	1565.51
647	70496201005	RIEL 100 BS.	1	18.00	134.1863	2415.35
648	70496202205	RIEL DE 49,61K/M 15M LARGO	1	3.00	146.1261	438.38
649	70496206909	RIEL 49,61 KB/M.BSR 1 A 5,9 M	3	120.00	3.5092	421.10
650	70496207005	RIEL DE 100 LBS.CORTADOS	3	30.00	34.6006	1038.02
651	70496207041		3	0.00	1.6646	0.00
652	70496301000	RIEL 49,6K/M DE 15M S/AGUJEROS	1	1.00	0.0000 +	0.00
653	70496305000	RIEL 49,61K/M 10M S/AGUJEROS	1	1.00	0.0000 +	0.00
654	70496305001	RIEL 49,6K/M 10M S/A PRODUCIDO	1	10.00	0.0000 +	0.00
655	70496305101	RIEL 49,6K/M 10,5M	1	1.00	256.1720	256.17
656	70496305201	RIEL 49,6K/M 11M	1	6.00	268.1033	1608.62
657	70496305301	RIEL 49,6K/M 11,5M	1	1.00	0.0000 +	0.00
658	70496305401	RIEL 49,6K/M 12M	1	41.00	0.0000 +	0.00
659	70496305800	RIEL 49,6K/M 14M	1	1.00	0.0000 +	0.00
660	70496305900	RIEL 49,6K/M 14,5M	1	2.00	0.0000 +	0.00
661	70496305901	RIEL 49,61K/M 14,5M PRODUCIDO	1	1.00	0.0000 +	0.00
662	70496306900	RIEL 49,6K/M CORT.DE 1A5,99M	3	124.50	0.0000 +	0.00
663	70496306901	RIEL 49,6K/M CORT.1A5,99 PRODU	3	1262.89	0.0000 +	0.00
664	70496306905	RIEL 49,6K/M CORT.1A5,99PRODUC	3	62.43	0.0000 +	0.00
665	70496307000	RIEL 49,6K/M COR.6 A 17,99M	3	419.50	35.0920	14721.09
666	70496307001	RIEL 49,6K/M COR.6A17,99M PROD	3	6059.01	24.5644	148835.95
667	70496307005	RIEL 49,6K/M SOLDADO	3	160.44	10.5276	1689.05
668	70496309000	RIEL 49,6K/M SOLDADO	3	419.80	35.0920	14731.62
669	70496309001	RIEL 49,61KB/M.BSR SOLDADOS	3	572.00	24.5644	14050.84
670	70496309005	RIEL 49,6K/M SOLDADO PRODUCIDO	3	123.20	10.5276	1297.00
671	70496400405	RIEL T.4 DE 10,00 M	1	13.00	105.2762	1368.59
672	70496500105	RIEL 49,6K/M 10,66M C/3 AGUJAS	1	5.00	0.0000 +	0.00
673	70496500205	RIEL 49,6K/M 11,43M C/3 AGUJAS	1	24.00	0.0000 +	0.00
674	70496500400	RIEL 49,6K/M 12,19M C/3 AGUJAS	1	187.00	0.1391 #	26.01
675	70496500401	RIEL 100 FCS.DE 12,9 M.	1	0.00	0.0973	0.00
676	70496500405	RIEL 49,6K/M 12,19M C/3AG.PROD	1	231.00	0.0417	9.63
677	70496506901	RIEL 49,6K/M COR.1 A 5,99M	3	128.00	24.5644	3144.24
678	70496506905	RIEL 49,6K/M COR.1A5,99M.PRODU	3	908.00	10.5276	9559.06
679	70496507000	RIEL 49,6K/M 6 A 12,18M	3	7.30	35.0920	256.17
680	70496507001	RIEL 49,6K/M DE 6 A 12,18 PROD	3	1133.20	24.5644	27836.38
681	70496507005	RIEL 49,61K/M COR.6A12,18M	3	1021.46	10.5276	10753.52
682	70506101000	RIEL VIC.36 DE 18 M	1	10.00	656.9292	6569.29
683	70506105000	RIEL U.36-DE 11,00 MTS.	1	1.00	401.4606	401.46
684	70506105200	RIEL U.36-DE 12,00 MTS.	1	5.00	437.9560	2189.78
685	70506105400	RIEL 50,63 KG/M.13,00 M S/AGUJ	1	29.00	474.4516	13759.10
686	70506105600	RIEL U.36-DE 14,00 MTS.	1	36.00	510.9472	18394.10
687	70506105800	RIEL 50,63 KG/M. 15,00 M S/AGU	1	37.00	547.4427	20255.38
688	70506106000	RIEL U.36-16,00 MTS.	1	22.00	583.9383	12846.64
689	70506106200	RIEL 50,63K/M 17M S/AGUJ.	1	21.00	620.4440	13029.32
690	70506106900	RIEL 50,63 KG/M 1,00 A 5,99 M	3	10.00	25.7443	257.44
691	70506106901	RIEL 50,63K/MCORT.1 A 15,99 M	3	17.30	18.0210	311.76
692	70506107000	RIEL U.36-CORTADOS-DE 9,00 MTS	3	834.00	327.4707	273110.56
693	70506107005	RIEL V.36 DE 6 A 18,00 M	3	24.00	98.2412	2357.79
694	70506109000	RIEL V.36 SOLDADO	3	318.00	1313.8690	417810.34
695	70508012200	RIEL U50 18 M.	1	0.00	641.0800	0.00
696	70508016900	RIEL 50,63K/M COR.1 A 5,99	3	247.50	0.4591	113.63

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ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTE	
697	70508017000	RIEL 50,88 KG/M. 6 A 17,99 M	3	0.00	11.8853	0.00
698	70508019000	RIEL U50 SOLDADO	3	4212.00	29.7242	125198.33
699	70508104500	RIEL INTERCALARIO U.50 DE 9,43	1	8.00	0.0000 +	0.00
700	70508133500	RIEL INTERCALARIO U.50 DE 18,495M	1	0.00	0.0000 +	0.00
701	70508190100	RIEL INTERCALARIO U.50 18M	1	2.00	1743.8660	3487.73
702	70510012400	BULON P/JUNTA 19,3X250MM	1	0.00	0.0000 +	0.00
703	70603106900	RIEL 60,34 KG/M. 1 A 5,99 M	3	320.00	0.1391 #	44.51
704	70603106901	RIEL UIc60 COR.DE 1 A 5,99M	3	14.25	0.0973	1.39
705	70603107000	RIEL V.DE 60 DE 6 17,99 M	3	2441.91	42.1104	102829.81
706	70603107001	RIEL UIc60 COR.DE 1 A 17,99M	3	13.00	29.4772	383.20
707	70603109000	RIEL V.60 DE 36 M	3	6768.00	42.1104	285003.19
708	70603119000	RIEL UIc60SOLDADO	3	6804.00	0.0000 +	0.00
709	70815450100	RIEL CUPON V.36	1	6.00	0.1544	0.93
710	70815450200	RIEL DE COMR.DE 100LBS.A U.36	1	7.00	617.8696	4325.09
711	70815480100	RIEL CONBIN.U.50-100 LBS. M.I	1	4.00	116.3472	465.39
712	70815480200	RIEL CONBIN.U.50-100 LBS MD	1	4.00	116.3472	465.39
713	70815500500	RIEL CONBIN.UI.60-100 LBS MI	1	6.00	151.4912	908.95
714	70815500800	RIEL COMR.BS.A VIC.60	1	1.00	308.8102	308.81
715	70815600500	RIEL VIC.60 DER.14,10 M	1	1.00	593.7578	593.76
716	70815600800	RIEL CONBIN.U36 MD	1	1.00	0.1868	0.19
717	70840120300	SILLETA P/RIEL U.36-P.A.N.	1	0.00	45.3101	0.00
718	70840150700	SILLETA DE ACERO 194x310x20	1	0.00	0.0000 +	0.00
719	70843120300	SILLETAS VIC.36	1	150.00	28.8337	4325.06
720	70846211500	SILLETA T/FRANC.356x152 MM	1	11.00	35.0123	385.14
721	70846211503	SILLETA LAMINADA 152X356X13MM	1	100.00	17.5061	1750.61
722	70846240300	SILLETA FUNDICION T.3 H 72LAS.	1	300.00	21.0552	6316.56
723	70846240900	SILLETA T/U.36-P.A.N.	1	64.00	25.1264	1608.09
724	70855030105	SUP.F/ECLISAS EN 1/2 NRO.7(4P)	1	180.00	0.5520	99.36
725	70855030305	SUP.F/ECLISA EN 1/2NRO.9(4P)	1	0.00	0.6309	0.00
726	70855040500	SUPLEMENTO AHUSADO N 5 IZQ.	1	350.00	2.5065	877.28
727	70855040700	SUP.F/ECL.100LBS X YARD NRO.7	1	72.00	2.5742	185.34
728	70855040900	SUPLEMENTO NRO.9 MAND IZQ.	1	148.00	2.5742	380.98
729	70855041100	SUPLEMENTO NRO.11 MANO IZQ.	1	7249.00	2.5742	18660.38
730	70855041200	SUPLEMENTO AHUSADO N 11 DER.	1	13.00	2.5742	33.46
731	70863130305	TACO DE SEP.H F 42,16K/MP/CUNA	1	2.00	0.0000 +	0.00
732	70863260205	TACO DE SEP.H F 49,61/MP/NRO1	1	58.00	0.0000 +	0.00
733	70865020500	TACO DE SEP.H F 42,16 MP/ CUNA	1	70.00	0.0000 +	0.00
734	70870200500	TARUGO DE MADERA DURA DE 21 MM	1	1400.00	1.4413	2017.82
735	70870280700	TARUGO DE MADERA 24 M/M	1	0.00	1.5039	0.00
736	70870300600	TARUGO MADERA DE 22 MM.	1	0.00	1.4413	0.00
737	70876030500	TIRAFONDO P/VIA 19X152MM	1	221.00	0.0000 +	0.00
738	70876030505	TIRAFONDO P/VIA 19X152MM PROD	1	30.00	0.0000 +	0.00
739	70876030705	TIRAFONDO P/VIA 21X125MM T/E	1	56.00	0.0000 +	0.00
740	70876030801	TIRAFONDO P/VIA 22,2X115MM	1	0.00	0.0973	0.00
741	70876031500	TIRAFONDO P/VIA 22,2X127MM	1	94.00	0.1391 #	13.08
742	70876031505	TIRAFONDO P/VIA 22,2X127MM PRO	1	30.00	0.0417	1.25
743	70876033000	TIRAFONDOS 23x105	1	720.00	0.6720	483.84
744	70876033005	TIRAFONDOS 23 X 105 MM.	1	140.00	0.2016	28.22
745	70876033205	TIRAFONDO P/VIA DE 23X125MM	1	72.00	0.2356	16.96
746	70876033300	TIRAFONDO P/VIA 23X115MM	1	2767.00	0.8020	2219.13
747	70876034000	TIRAFONDOS 23 X 125 MM.	1	0.00	0.9825	0.00
748	70876034500	TIRAFONDO 23 X 135	1	450.00	1.2230	550.35
749	70876034505	TIRAFONDO DE VIA 23X135 PROD	1	100.00	0.3669	36.69
750	70876035000	TIRAFONDO P/VIA DE 23x165 MM	1	790.00	1.4246	1125.43
751	70876037000	TIRAFONDO DE VIA 23X125MM	1	485.00	0.9324	452.21
752	70876037001	TIRAFONDO 23 X 125 MM CO	1	0.00	0.6526	0.00
753	70876037501	TIRAFONDO 23 X 135 MM C1	1	0.00	0.7082	0.00
754	70876038000	TIRAFONDO DE VIA DE 22X125MM	1	16343.00	1.0118	16535.85

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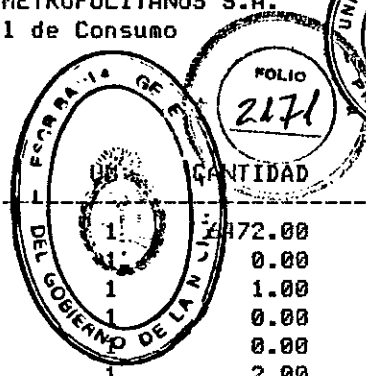
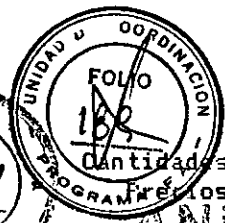
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FERROCARRILES METROPOLITANOS S.A.
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Fecha de Emisión: 31/08/94
Fecha de Validación: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
755	70876038500	TIRAFONDO DE VIA 22X135MM	1	472.00	1.1831	7657.02
756	70888010600	TUERCA HEXAGONAL 22,2X9MM	1	0.00	0.0000 +	0.00
757	71043472703	CONTRAAGUJA 85 LBS 7,62	1	1.00	0.0000 +	0.00
758	71046100001		1	0.00	0.0000 +	0.00
759	71120500003	JGO.AGUJAS.49,61K/M 3658MM	1	0.00	3085.0944	0.00
760	71120510000	JGO.AGUJA 100LBS.-12-MI	1	2.00	1002.6306	2005.26
761	71120520000	JGO AGUJA 100LBS.-12-MD.	1	4.00	1002.6306	4010.52
762	71120570103	AGUJA 100BS 5,57M M/I	1	8.00	100.2630	802.10
763	71120570105	AGUJA 100LBS.BS 12" MI	1	9.00	60.1578	541.42
764	71120570205	AGUJA 100LBS.BS 12" MD	1	44.00	60.1578	2646.94
765	71120572500	CONTRAAGUJA 7,614MT-100 LBS	1	5.00	345.9075	1729.54
766	71120572600	CONTRA.7,614M 3,58M ARRI.S/DES	1	4.00	345.9075	1383.63
767	71126271900	CONTRA.7,620M.3,58M.ARRI.S/DES	1	5.00	0.0000 +	0.00
768	71126272900	IDEM DERECHA	1	0.00	0.1391 #	0.00
769	71129450000		1	0.00	0.0000 +	0.00
770	71132500005	JGO.AG.49,61K/M.4,57M.COM S/DE	1	1.00	0.0417	0.04
771	71132572305	JGO.A.49,61K/M4,57MDE 25,4X365	1	93.00	0.0000 +	0.00
772	71135000003	JGO.AG.49,61K/M 4,57M.COMP.S/D	1	0.50	0.0695	0.03
773	71135010003	AGUJA 100BS.4,572M 1/2JUEG M/I	1	0.00	0.0695	0.00
774	71135010005		1	0.00	0.0417	0.00
775	71135070100	AGUJ.IZ.49,61K/M 15'100 LBS	1	9.00	669.4198	6024.78
776	71135070101	AG.100BS.4,572M M MAND IZQUIER	1	4.00	468.5938	1874.38
777	71135070103	AG.100BS.4,572M M/I	1	11.00	334.7099	3681.81
778	71135070105	AGUJA 100 LBS B.S. 15' MI	1	36.00	200.8259	7229.73
779	71135070200	AG.DER.49,61K/M 15'100LBS	1	12.00	692.0841	8305.01
780	71135070203	AG.100BS.4,572M M/D	1	5.00	346.0420	1730.21
781	71135070205	AGUJA 100 LBS BS 15' MD	1	40.00	207.6252	8305.01
782	71135071105		1	0.00	0.0000 +	0.00
783	71135072700		1	0.00	0.0000 +	0.00
784	71135073501	CONTRAAGUJA IZ.7,620M S/DES	1	3.00	0.0973	0.29
785	71135073601	CONTRAAG.DER.7,620M S/D	1	9.00	242.1352	2179.22
786	71135073701	CONTRA AG.100BS.7,62M M/I	1	3.00	252.2966	756.89
787	71135077805		1	0.00	0.0000 +	0.00
788	71135078705		1	0.00	0.0000 +	0.00
789	71138100001	CAMBIO 15'100 LBS	1	1.00	1578.4234	1578.42
790	71138173503	CONTRA.100LBS.MD.7,62M DE ARRI	1	4.00	0.0695	0.28
791	71141200000	JGO.AG.49,61K/M 4,75M.ARRIMs/d	1	1.00	0.0000 +	0.00
792	71141270100	AGUJA DE 100LBS.DE 4,57MTS.M.I	1	2.00	360.4238	720.85
793	71141270103	AGUJ.IZ.BS.R.4,572M	1	4.00	180.2119	720.85
794	71141272200	BARRA AG.C/PERNOS Y CHAVETA N2	1	1.00	0.0000 +	0.00
795	71144200003	JGO.AG.49,61K/M.5,486M DE ARRI	1	2.00	5136.0467	10272.09
796	71144270101	AG.IZ.BS.R.DE ARRIMAR 49,61K/M	1	19.00	736.7107	13997.50
797	71144270105	AGUJA 100 LBS BS 18' MI	1	36.00	315.7331	11366.39
798	71144270201	AG.DER.49,61K/M.5,486M DE ARRI	1	20.00	20.1979	403.96
799	71144270205	AGUJA 100 LBS BS 18' MD	1	20.00	8.6562	173.12
800	71144274605	CONTRA AGUJA BS.IZQ. 12'	1	2.00	1.0405	2.08
801	71156030005	JGO.AG.49,61K/M.6,401M DE ARRI	1	1.00	1420.8011	1420.80
802	71156050005	JGO AG.49,61K/M.6,401M DE ARRI	1	1.00	0.0000 +	0.00
803	71156070100	AGUJA T BS.IZQ.6,50 M.	1	2.00	310.8155	621.63
804	71156070103	AG.100BS.6,401M M/I	1	5.00	155.4077	777.04
805	71156070105	AGUJA 100 LBS BS 21' MI	1	16.00	93.2446	1491.91
806	71156070203	AG.100BS.6,401M M/D	1	5.00	159.6162	798.08
807	71156070205	AGUJA 100 LBS BS 21'	1	20.00	95.7697	1915.39
808	71156073101	CONTRA.10,668M.MI.100LBS.S/DES	1	18.00	421.1048	7579.89
809	71156073201	CONTRA.10,668M.MD.100LBS.S/DES	1	18.00	421.1048	7579.89
810	71159572100	BULON CAB.CUAD.C/CIR.25,4X130	1	17.00	4.0105	68.18
811	71159572105	ECAB.CUAD.C/CIR.25,4X130MM PRO	1	497.00	1.2031	597.94
812	71174420003	JGO.A.100LBS.8,534M ARR.MD S/D	1	2.00	0.0000 +	0.00

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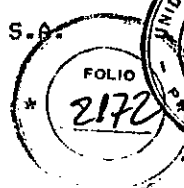
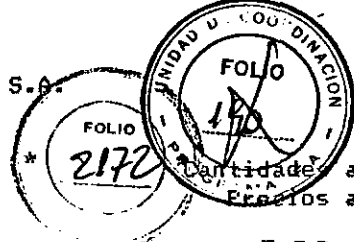
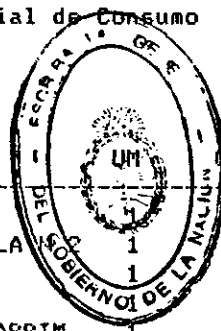
FERROCARRILES METROPOLITANOS S.A.
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Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



al: 31/08/94
Próximos al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
813	71174430005	AGUJA 100 LBS BS 28'	2.00	59.1995	118.40
814	71174477000	TACOS DE SEPARACION P/COLA	1	0.0000 +	0.00
815	71189070700		1	0.0000 +	0.00
816	71189072805		1	0.0000 +	0.00
817	71189400005	JGO.AG.100LBS.4,572M DE ARRIM	1	0.0417	0.04
818	71189470103	JGO.A.100LBS.FCS.4,572M ARR.MI	1	72.3550	144.71
819	71189473203	CONTRA.7.620M MI S/DESSV	1	0.0695	0.21
820	71189473905		1	0.0000 +	0.00
821	71189476905		1	0.0000 +	0.00
822	71218772500	BULON CAB.MART.P/COJ.24X75MM	1	0.0000 +	0.00
823	71218772600	BULON CAMBIOMARTILLO 24 X 80M.	1	6.0158	782.05
824	71218774000	BULON CAB.RECT 24X80X50 MM	1	2.7071	406.07
825	71218774200	BULON CAB.RECT. 24X90X55MM	1	0.1391 #	0.00
826	71230775000	SILLETA 2 AGUJAS S.91 TIFO 50	1	30.0789	0.00
827	71298071505		1	0.0000 +	0.00
828	71442100000	CRUZ.COMUN 42,16K/M 1:6,844AGU	1	0.0000 +	0.00
829	71444100000	CRUZ COMUN 42,16K/M 1:8AGUDO A	1	311.8617	311.86
830	71444100005	CRUZ.COM.42,16K/M 1:8AGU.FROD	1	93.5585	93.56
831	71445412700	BULON P/CORAZ.CAB.CUAD.22X292	1	0.0000 +	0.00
832	71445431903	CONTRARRIEL 3,658M.42,16K/M1:8	1	0.0000 +	0.00
833	71445431905		1	0.0000 +	0.00
834	71448112605	BULON CA.OVAL.T/EXAG.22,2X102	1	0.0000 +	0.00
835	71470313205	RIEL ALA 3,530M IAZ.100 LBS	1	0.0000 +	0.00
836	71470313305	RIEL ALA 3,530M DER.100 LBS	1	0.0000 +	0.00
837	71478100000	CRUZ.COM.49,61K/M1:4,086AGUDO	1	473.7296	947.46
838	71478100005	CRUZ.COM.49,61K/M 1:4,086AGUDO	1	142.1188	0.00
839	71494200000	CRUZ.COM.49,61K/M 1:6 AG.JGOCO	1	0.0000 +	0.00
840	71494200005	CRUZ.COM.49,61K/M1:6 AG.J.COMP	1	0.0000 +	0.00
841	71494200105	CRUZ.COM.49,61K/M 1:6 AG.M/I	1	0.0000 +	0.00
842	71494410001	CRUZ.ENSAMBLADO 1:6AGU.100 LBS	1	0.0000 +	0.00
843	71496410001		1	0.0000 +	0.00
844	71498200200	CRUZ.COM.49,61K/M1:7 AG.M/D	1	0.1391 #	0.14
845	71498200201	CRUZ.COM.49,61K/M1:7AGUDO	1	0.0973	0.29
846	71502032305	CRUZ.COM.49,61K/M1:8AG.CONT3,6	1	30.00	85.9984
847	71502100005	CRUZ.COM.100LBS 1:8AG.J.COMP	1	314.1978	2579.95
848	71502100100	CRUZ.COM.100LBS.1:8AG.J.COM.MI	1	0.0000 +	0.00
849	71502100105	CRUZ.COM.100LBS.1:8AG.J.COM.MI	1	0.0000 +	0.00
850	71502100205	CRUZ.COM.100LBS.1:8AG.J.COM.MI	1	0.0417	0.08
851	71502113305	RIEL ALA 4,229 M/I 100 LBS	1	34.00	52.0518
852	71502113405	RIEL ALA 4,229 M/D 100 LBS	1	35.00	28.7778
853	71506200000	CRUZ.COM.100LBS 1:8AG.J.COM.AD	1	0.00	11840.0118
854	71506200005	JUEGO CAMBIO 15' 100 LBS BS	1	3552.0035	3552.00
855	71508213503	BUL.CAB.CUD.CIR.T/HEX25,4X343	1	32.00	0.0000 +
856	71508213603	BUL.CA.CUAD.CIR.T/HEX25,4X457	1	50.00	0.0000 +
857	71510012001	BUL.CA.CUAD.CIR.T/HEX.25,4X140	1	6000.00	0.0000 +
858	71510012003	BUL.CAB.CUAD.CIR.T/HEX25,4X140	1	990.00	0.0000 +
859	71510012005	BUL.CAB.CUA.CIR.T/HEXAG25,4X14	1	500.00	0.0000 +
860	71510012300	BUL.CAB.CUAD.CIR.T/HEX.25,4X22	1	70.00	0.0000 +
861	71510012301	BUL.CAB.CUA.CIR.T/HEX25,4X229	1	220.00	0.0000 +
862	71510012303	BUL.CAB.CUA.CIR.T/HEX25,4X229	1	59.00	0.0000 +
863	71510012400	BUL.CAB.CUA.CIR.T/HEX25,4X250	1	34.00	0.0000 +
864	71510012803	BUL.CAB.CUA.CIR.T/HEX.25,4X350	1	8.00	0.0000 +
865	71518100000	CRUZ.EMSAMBLADO DE 100LBS.1:10	1	4.00	587.2346
866	71518100005	JGO.AG.100LBS 1:10AG.JGO COMP	1	12.00	176.1703
867	71518100105	CRUZ.COM.100LBS.1:10AG.DESR IZ	1	1.00	3153.2937
868	71524312101	BUL.CAB.HEX.CIR.T/HEX25,4X2100	1	730.00	0.0000 +
869	71524312105	BUL.CA.HEX.CIR.T/HEX25,4X210MM	1	100.00	0.0000 +
870	71534100000	CRUZ.COM.100LBS 1:12AG.J.COM.	1	1.00	15169.2549

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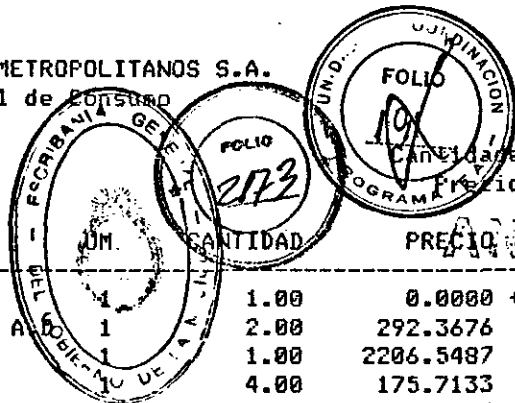
FERROCARRILES METROPOLITANOS S.A.

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Línea : 21 ROCA

Almacén: 213407 V. Y O. PLAZA C.



Canceladas al: 31/09/94

Programas al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
871	71538232800	CONTRARRIEL 4,801M 100LBS	1	0.0000 +	0.00
872	71554400000	CRUZ.COM.100LBS 1:8AG.COMP A	1	292.3676	584.74
873	71582700200	DESVIACION 1:8 DERECHA	1	2206.5487	2206.55
874	71582730200	CRUZAM. 1:8 U.50	4	175.7133	702.85
875	71642100005	CRU.COM.100LBS.1:80BTU.J.COMPL	1	0.0000 +	0.00
876	71651200001	CRUZ.COM.100LBS 1:60BT.J.COMPL	1	0.0973	0.10
877	71651200005	CRUZ.COM.100LBS0BT.1:6 J.COMPL	1	0.0417	0.25
878	71651210005	CRUZ.COM.CORAZON ARMADO 1:6	1	0.0000 +	0.00
879	71651213305	CONTRARRIEL ACOD.100LBS 3,650	1	0.0000 +	0.00
880	71652200001	CRUZ.COM.100LBS 1:7 OBT.JGOCOM	1	0.0000 +	0.00
881	71653000000	CRUZ.COM.100LBS.1:8 OBT.J.COMP	1	0.1391 #	0.56
882	71653000001	CRUZ.COM.100LBS 1:80BT.J.COMPL	1	0.0973	0.19
883	71653000005	CRUZ.COM.100LBS.OBT.J.COMPLETO	1	0.0417	0.08
884	71653200005	CRUZ.COM.100LBS 1:8 OBT.COMPLE	1	15.00	0.00
885	71654200003	CRUZ.COM.100LBS 1:80BT.J.COMPL	1	7.00	0.94
886	71663400003	CRUZ.COM.100LBS.1:8 OBT.J.COMP	1	0.0000 +	0.00
887	71680000000	CRUZAM. AGUJ. 1:8 UIC 60	1	947.1995	947.20
888	71700130100	SILLETA CLEPE KP 60-1	1	10.00	8.42
889	71700130200	SILLETA CLEPE KP 60-2	1	335.00	281.94
890	71700130300	SILLETA CLEPE KP 60-3A	1	0.00	0.00
891	71700130600	SILLETA CLEPE KP 60-6	1	0.00	0.00
892	71700130700	SILLETA CLEPE KP 60-7	1	50.00	42.08
893	71700130800	CLEPE P/CRUZ.UIC.60.KP60-19	1	6.00	0.00
894	71700130900	SELLETA CLEPE KP 60-9	1	0.00	0.00
895	71700131000	SILLETA CLEPE KP 60-10	1	0.00	0.00
896	71700131500	SILLETA CLEPE KP 60-16	1	0.00	0.00
897	71700131600	SILLETA CLEPE KP 60-17	1	12.00	10.10
898	71700131800	SILLETA CLEPE KP 60-18	1	0.00	0.00
899	71700132400	SILLETA CLEPE KP 60-32	1	0.00	0.00
900	71700132500	SILLETA CLEPE KP 60-33	1	0.00	0.00
901	71700133300	SILLETA CLEPE KP 60-41	1	0.00	0.00
902	71700149000	SILLETA CLEPE KP 90	1	2.00	1.68
903	71700190100		1	0.00	0.00
904	71700223005	BUL.CAB.RECT.C/CIR.22X90MM	1	460.00	0.00
905	71700234000	BUL.TCA.HEXA.27X230MM	1	0.00	0.00
906	71700270100	HOJAS ELAST. P/UIC 60	1	0.00	0.00
907	71700280100	CUNA AJUSTE P/UIC	1	0.00	0.00
908	71700321000	CRUZ.F/RIEL UIC.60.1:8 AGUDO	1	0.00	0.00
909	71700351000	AGUJA ELAS.CURVA 10,976MM(RL)	1	1.00	0.00
910	71700351100	AGUJA ELAS.CURVA 10,976MM(LR)	1	3.00	0.00
911	71700351500	AGUJA P/CAMBIO 10,995MM	1	1.00	0.00
912	71700351600	AGU.ELAS.P/CAM 10,995(LL)RECTA	1	1.00	0.00
913	71700352900	AGUJ.ELAS.CURVA 13,509MT (RL)	1	0.00	0.00
914	71700353000	AGU.ELAS.CURVA 13,509MT(LR)	1	2.00	0.00
915	71700353600	AG.ELES.RECTA 14,153MT(RR)	1	1.00	0.00
916	71700354000	AG.ELAS.CURVA 14,620MT(RL)	1	0.00	0.00
917	71700354400	AG.ELS.RECTA 16,590MT (RR)	1	1.00	0.00
918	71700362000	CONTRAAG.8911 RECTA(RL)P/RIEL	1	2.00	0.00
919	71700362005	CONTRAAG.8911 RECTA(RL)P/RIEL	1	2.00	0.00
920	71700362100	CONTRAAG.8911 RECTA(LR)P/RIEL	1	0.00	0.00
921	71700363300	CONTRAAG.14100REC.(RL)P/RIEL	1	3.00	9.27
922	71700363400	CONTRAAG.14100 RECTA LR P/RIEL	1	0.00	0.00
923	71700363800	CONTRAAG.15750 CURVA(RR)P/RIEL	1	1.00	3.09
924	71700364000	CONTRAAG.15800 RECTA(RL)P/RIEL	1	7.00	21.63
925	71700364005	CONTRAAG.15800 RECTA(RL)P/RIEL	1	0.00	0.00
926	71700364600	CONTRAAG.16141M CURVA P/RIEL	1	1.00	0.00
927	71700365400	CONTRAAG.17235M CURVA P/RIEL	1	1.00	0.00
928	71700365700	CONTRAGUJA CURVA LL 17,767 M	1	0.00	0.00

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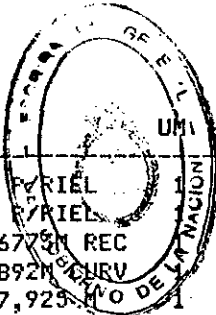
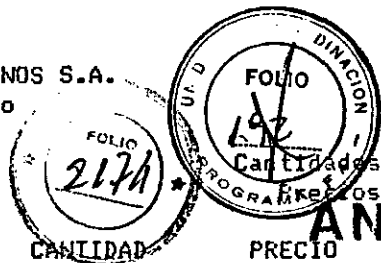
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al: 31/07/94

ANEXO

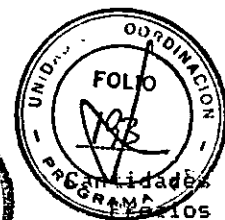
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929	71700366500	CONTRAAG.17925M CURVA P/RIEL	1	1.00	0.0000 +	0.00
930	71700366600	CONTRAAG.17925M CURVA P/RIEL	1	1.00	0.0000 +	0.00
931	71700411500	RIEL INT.PERFIL UIC606775M REC	1	0.00	0.0000 +	0.00
932	71700411800	RIEL INT.PERF.UIC60 6892M CURV	1	0.00	0.0000 +	0.00
933	71700421000	CONTRAGUJA CURVA RR 17,925	1	0.00	13.7728	0.00
934	71700432000	RIEL INT.PERF.UIC60 8911 RECTO	1	4.00	0.0000 +	0.00
935	71700451400	RIEL INT.PERF.UIC 10182M CURVO	1	1.00	0.0000 +	0.00
936	71700452200	RIEL INT.PERF.UIC6010218M RECT	1	1.00	0.0000 +	0.00
937	71700452800	RIEL INT.PERF.UIC60 10263M CUR	1	0.00	0.0000 +	0.00
938	71700462500	RIEL UIC.60 11462 CURVO	1	0.00	0.0000 +	0.00
939	71700463000	RIEL UIC.60 11578 RECTO	1	1.00	0.0000 +	0.00
940	71700471000	RIEL INTER.RECTO 12,018 UIC 60	1	0.00	25.2979	0.00
941	71700471500	RIEL INTER.CURVO 12,041 UIC 60	1	1.00	25.2979	25.30
942	71700481500	RIEL UIC.60 13007 RECTO	1	1.00	0.0000 +	0.00
943	71700501000	RIEL UIC.60 15018 CURVO	1	2.00	3.0907	6.18
944	71700501400	RIEL UIC.60 15425 CURVO(RR)	1	0.00	0.0000 +	0.00
945	71700513500	RIEL UIC.60 17575 CURVO	1	1.00	3.0907	3.09
946	71700514500	RIEL UIC.60 17670 RECTO	1	0.00	0.0000 +	0.00
947	71700516300	RIEL UIC.60 17589 CURVO	1	0.00	0.0000 +	0.00
948	71700521000		1	0.00	3.0907	0.00
949	71700521200	CRUZAM. 1:12 UIC 60	1	3.00	4775.5386	14326.62
950	71700522000	CORAZON AGUDO 1:8 RECTO UIC.60	1	0.00	0.0000 +	0.00
951	71700523500	CORAZON 1:12 AGUDO RECTO UIC60	1	0.00	0.0000 +	0.00
952	71700524000	CORAZON 1:8 AGUDO RECTO UIC.60	1	0.00	329.2947	0.00
953	71700528400	CORAZON 1:12 AGUDO CURVO UIC60	1	1.00	0.0000 +	0.00
954	71700551500	CONT.RIEL UIC33 CORT.DOB.3,070	1	0.00	0.0000 +	0.00
955	71700552300	CONT.RIEL UIC.33 CORT.DOB.5,00	1	6.00	0.0000 +	0.00
956	71700552700	CONT.RIEL UIC.33 CORT.DOB.5,22	1	6.00	0.0000 +	0.00
957	71700553000	CONT.RIEL UIC.33CORT.DOB 5,3	1	2.00	0.0000 +	0.00
958	71700571001	RIEL ALA 4,150 PERF.UIC.60	1	0.00	0.0000 +	0.00
959	71700571800	RIEL ALA 5,230 PERF.UIC.60	1	5.00	0.0000 +	0.00
960	71700571801	RIEL ALA 5,230 PERF.UIC.60	1	0.00	0.0000 +	0.00
961	71700572401	RIEL ALA 5,500 PERF.UIC.60	1	0.00	0.0000 +	0.00
962	71700572905	CONTRAGUJA 14,038 PERF.UIC.60	1	1.00	0.0000 +	0.00
963	71700576001	RIEL ALA 9,152 PERF.UIC.60	1	0.00	0.0000 +	0.00
964	71725000003	CRUZ COMUN 100LBS 1:8 AGUDO	1	4.00	0.0695	0.28
965	71726000003	CRUZ COMUN 100LBS 1:10 AGUDO	1	6.00	0.0695	0.42
966	71727000003	CRUZ COMUN 100LBS 1:12 AGUDO	1	4.00	0.0695	0.28
967	71727000005	CRUZ COMUN 100LBS 1:12 AGUDO	1	4.00	0.0417	0.17
968	72025710100	CORAZON AG RECTO 1:8 UIC 60	1	2.00	0.1391 #	0.28
969	72025710300	ESCUADRA REDUCIDA	1	0.00	0.1391 #	0.00
970	72025713500	HORQUILLA DE AJUSTE	1	0.00	0.1391 #	0.00
971	72025720700	CANO P/TRASMIS U.50 33,7X25,6	1	0.00	0.1391 #	0.00
972	72050000105		1	0.00	45.1183	0.00
973	72450000000	JGO.GUARDAGANADO	1	45.00	0.0000 +	0.00
974	72700250500	MOLDE REFRACTARIO	1	55.00	4.2110	231.61
975	72700252000	MOLDE REFRACTARIO	1	12.00	4.3590	52.31
976	72700252500	MOLDE REFRACTARIO	1	65.00	4.3590	283.34
977	72700303000	TAZA REFRACT.P/SOLDAR	1	0.00	0.7620	0.00
978	73300710300	1/2 JUEG.CAMBIO 11,00 M/IZQ.	1	10.00	281.1084	2811.08
979	73300710400	1/2 CAMBIO 1/8 C DER.DESV/IZQ	1	17.00	0.0000 +	0.00
980	73300710500	1/2 CAMBIO 1/8 C IZQ.DESV/DER	1	2.00	0.0000 +	0.00
981	73300711700	AGUJA 9000 MM SIMET.IZQ.	1	0.00	79.8243	0.00
982	73300711800	AGUJA 9000 MM SIMET. DER.	1	0.00	79.8243	0.00
983	73300712000	AGUJA 9000 MM SIMET. IZQ.	1	0.00	79.8243	0.00
984	73300712100	AGUJA 9000 MM SIMET. DER.	1	0.00	0.1391 #	0.00
985	73300713200	CONTRAGUJA 11100 MM IZQ.	1	0.00	28.9466	0.00
986	73300713300	CONTRAGUJA 11100 MM DER.	1	0.00	28.9466	0.00

4

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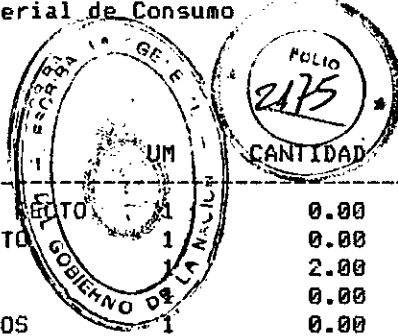
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 18

Linea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



Validades al: 31/09/94
Fin al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	FORTE
987	73300730200	CRUZAMINET. MONOB. 1:8 RECTO	1	0.00	10033.2072		0.00
988	73300731000	CORAZON MONOB. 1:8 RECTO	1	0.00	1198.8769		0.00
989	73300732000	CONTRARIEL U 69 4,00 M	1	2.00	120.2602		240.52
990	73300733500	CLEP FIJACION INDIR.	1	0.00	3.0079		0.00
991	73300735700	SILLETA S.6 DOS AGUJEROS	1	0.00	24.0631		0.00
992	73300735800	SILLETA 2 AGUJEROS U50 6-7	1	0.00	0.1391 #		0.00
993	73300735900	SILLETA S.8 DOS AGUJEROS	1	0.00	24.0631		0.00
994	73300736000	SILLETA S.9 DOS AGUJEROS	1	0.00	24.0631		0.00
995	73300736100	SILLETA 2 AGUJEROS U50 S-10	1	0.00	0.1391 #		0.00
996	73302710000	CAMBIO COMP.U50 1:8 DER.	1	0.00	1342.8427		0.00
997	73303710300	1/2 CAMB.IZQ.DESV.DER.1,8 LARG	1	1.00	1743.8660		1743.87
998	73303710500	1/2 CAMBIO 1/8 IZQ.DESV/DER	1	6.00	0.0000 +		0.00
999	73315711200	AGUJA DE 8,230 DE ARRIM.M.I	1	2.00	87.7600		175.52
1000	73315711300	AGUJA DER. RADIO 500 MTS.	1	2.00	87.7600		175.52
1001	73315712200	CONTRA-AGUJA IZQ. RAD.500 MTS.	1	2.00	38.6999		77.40
1002	73315712300	CONTRA-AGUJA RAD.500 MTS.(DER)	1	2.00	38.6999		77.40
1003	73316710100	MEDIO CAMBIO RAD.500 MTS.(IZQ)	1	8.00	6015.7837		48126.27
1004	73316710200	1/2 CAMBIO 1/10 DER.DESV/IZQ	1	2.00	6015.7837		12031.57
1005	73317700000	DESVIACION 1:10 LADO DERECHO	1	0.00	3130.8585		0.00
1006	73350012250	BARRA DE AGUJA	1	0.00	4.9178		0.00
1007	73360710500	JGO 1/2 CAMBIO IZQ.DESV/DER	1	1.00	0.0000 +		0.00
1008	73420712000	AGUJA CURVA 8350 IZQ	1	3.00	0.0000 +		0.00
1009	73420712100	AGUJA CURVA 8350 DERECHA	1	3.00	0.0000 +		0.00
1010	73500010500	COJINETE DESLIZAMINETO 50 CD1	1	0.00	2.1840		0.00
1011	73500010600	COJINETE DESLIZAMIENTO 50 CD 2	1	0.00	0.1391 #		0.00
1012	73500121300	BARRA AGUJA 1250 MM T/A	1	0.00	0.1391 #		0.00
1013	73500122500	BARRA DE TROCHA C/DREJA 1230 M	1	0.00	0.6475		0.00
1014	73500151000	PATAS DE ARTICULACION NORMAL	1	0.00	0.1391 #		0.00
1015	73500211000	SILLETA S-4 MODIFICADA	1	0.00	35.0920		0.00
1016	76379012250	LATERAL 190X105X3500 MM.DE LGO	1	0.00	34.5000		0.00
1017	76379012400	LATERL 190X105X4800 MM	1	0.00	43.5000		0.00
1018	76379012450	LATERAL DE MADERA P/BARRERA	1	0.00	30.0789		0.00
1019	76379012500	LATERAL 152X105X6250 MM	1	0.00	41.1078		0.00
1020	76379012550	L;ATERAL 190X150X6250MM.DE LGO	1	0.00	50.1314		0.00
1021	76600011350	ENTRERRIEL AISLANTE	1	0.00	4.4947		0.00
1022	76600170250	ECLISA CEPILLADA 4 AGUJ.P/U36	1	0.00	7.5884		0.00
1023	76600170280	ECLISA CEPILLADA 6 AGUJAS U50	1	0.00	0.3104		0.00
1024	76600170300	ECLISA CEPILLADA P/RIEL VIC.60	1	0.00	70.1841		0.00
1025	76600180010	JUNTA AISLADA PEGADA UI.50	1	13.00	0.1950		2.54
1026	76600181000	JUNTA AISLADA PEGADA	1	0.00	24.8916		0.00
1027	76600190030	CHAPA P/ENTRER.P/RIEL VIC. 60	1	10.00	25.0657		250.66
1028	76600190040	TUBO AISLANTE P/RIEL VIC.60	1	119.00	2.3561		280.38
1029	76600190050	PLACA AISL.ELEM.C P/RIEL VIC.6	1	40.00	15.0394		601.58
1030	76600190110	PLANCHUELA ELEM.A P/RIEL VIC60	1	24.00	8.0210		192.50
1031	76600190500	JUNTA AISLADA PEGADA UIC 60	1	0.00	100.2630		0.00
1032	76600190550	ARANDELA PLANA 25,4X3,8 MM	1	580.00	0.1391 #		80.68
1033	80011470720	CHAPA ACAN.0,55 X 836 X 2450	1	4.00	0.0000 +		0.00
1034	80012020050	ACERO EN BARRA 4,8 MM	4	31.50	0.1391 #		4.38
1035	80012020160	HIERRO 15,9 MM	4	27.00	1.0026		27.07
1036	80012020200	HIERRO REDONDO 20,6 MM DIAM.	4	28.00	0.7870		22.04
1037	80012030190	BARRA REDONDA TRAF. 17,9 mm.	4	480.00	0.9709		466.03
1038	80012030260	HIERRO REDONDO TRAF.25,4 MM	4	60.00	0.0000 +		0.00
1039	80012920120	ACERO AL CUADRADO LADO 12,7 mm	4	0.00	0.8020		0.00
1040	80013120260	LAMINADO ENTRECARA 25,4mm	4	600.00	2.9544		1772.64
1041	80013720380	PLANCHUELA ESP.3,17xANCH.50,8m	4	43.00	2.1748		93.52
1042	80013720880	PLANCHUELA ESP.4,8xANC.25,4mm.	4	38.00	1.3234		50.29
1043	80013721560	ACERO EN PALNCHUELA DE 6,3X38M	4	0.00	2.0512		0.00
1044	80013721720	ACERO AL CARBONO EN PLANCHUELA	4	130.00	1.3354		173.60

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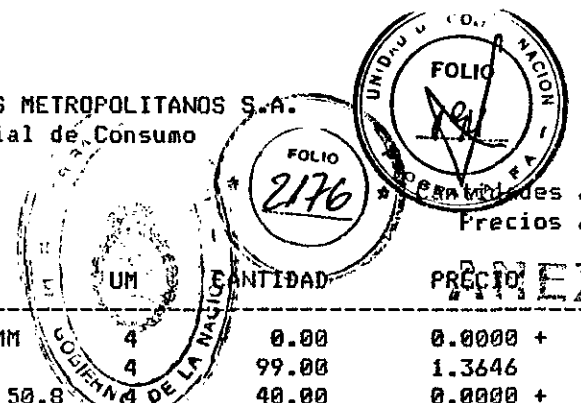
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 19

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Valores al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	ANEXO	IMPORTE
1045	80013721860	PLANCHUELA LAM.6,3 X 38 MM	4	0.00	0.0000 +		0.00
1046	80013722760	ACERO EN PLANCHUELA	4	99.00	1.3646		135.10
1047	80013723100	HIERRO PLANCHUELA 11,1 X 50,8	4	40.00	0.0000 +		0.00
1048	80013723460	PLANCHUELA LAMINADO 12,7 mm.	4	0.00	56.1472		0.00
1049	80013723490	ACERO EN PLANCHUELA	4	0.00	1.3234		0.00
1050	80013723770	ACERO EN PLANCHUELA	4	90.00	2.4324		218.92
1051	80013724770	PLANCHUELA 19.1 X 38.1 MM	4	40.00	0.1391 #		5.56
1052	80013725080	PLANCHUELA H. 149x27 mm.	4	110.00	3.5415		389.57
1053	80014229150	PLANCHUELA LAM.11 X 38 MM	4	40.00	29.0961		1163.84
1054	80014720140	HIERRO PERF "I" 140 X 66 MM	4	900.00	2.6467		2382.03
1055	80015120500	HIERRO PERF."T" 50 X 50 X 6MM	4	200.00	1.0294		205.88
1056	80015420420	HIERRO ANGULO 25,4 X 25,4 X 5	4	168.00	0.0000 +		0.00
1057	80015420460	HIERRO ANGULO 50X50X7 MM	4	88.00	1.1691		102.88
1058	80019090800	RIELES DEFORMADOS FUERA DE USO	9	0.00	0.1886		0.00
1059	80200110010	CHATARRA DE HIERRO	4	0.00	0.1499		0.00
1060	80200120010	CHATARRA FERROSA GRUPO II	4	50000.00	0.1426		7130.00
1061	80200120300	CHATARRA PESADA EX-BARRILONES	4	0.00	0.1426		0.00
1062	80200130010	CHATARRA SEMIPESADA DIMEN.	4	300.00	0.1200		36.00
1063	80200140010	CHATARRA SEMIPESADA S/DIMENS.	4	0.00	0.1276		0.00
1064	80200150010	CHATARRA (MATERIAL CHICO)	4	0.00	0.1128		0.00
1065	80201020010	CHATARRA FUND..GRIS S/DIMENS.	4	0.00	0.0000 +		0.00
1066	80210120010	CHATARRA NO FERREA DE COBRE	4	0.00	2.5721		0.00
1067	80211520010	CHATARRA PLOMO SIN CLASIFICAR	4	0.00	0.5347		0.00
1068	80222800000	CHAPA TIPO REZADO	4	0.00	0.1391 #		0.00
1069	80222850000	CHAPA TIPO REZADO	4	0.00	0.1391 #		0.00
1070	80229500000	REZAGO CABLE SENALAMIENTO	4	0.00	30.8933		0.00
1071	80681320320	TUERCA EXAGONAL ROSCA W	4	0.05	0.0000 +		0.00
1072	80681320390	TUERCA EXAG. DIAM.3,9mm(5/32"	4	1.30	0.0000 +		0.00
1073	80681320480	TUERCA DIA.4,8 24 HILOS	4	0.05	110.7432		5.54
1074	80681320640	TUERCA EXAG. DIAM. 6,4mm(1/4")	4	0.10	0.0000 +		0.00
1075	80681320710	TUERCAS 5/16	4	0.05	0.0000 +		0.00
1076	80681320959	TUERCAS DE HIERRO 3/8"	4	0.55	5.6811		3.12
1077	80691320320	TUERCA EXAG. 3,2mm. 40 HILOS	4	2.15	127.4592		274.04
1078	80710111080	ALAMBRE CINCO 4,06 MM DIAM	4	30.00	4.9289		147.87
1079	80710241200	ALAMBRE ACERO REDONDO COMUN	3	34.00	0.0000 +		0.00
1080	80712611140	ALAMBRE DE PUA	4	0.00	60.1391		0.00
1081	80713210210	ALAMBRE OVALADO CINC 3,4X2,7 M	4	7.00	7.0778		49.54
1082	80713210220	ALAMBRE OVALADO CINC 3X2,4 MM	4	0.00	6.0158		0.00
1083	80722010030	ALAMBRE RED COBRE 7,62 MM	4	4.00	0.0000 +		0.00
1084	80740110200	TEJIDO ALAMBRE ROMBIOD.4X1500M	3	37.00	8.0868		299.21
1085	80740110231		3	0.00	1.8398		0.00
1086	80740111061	TEJ.ALAMB.RED.MAL.ROMB 2 1/2"	3	26.00	0.0000 +		0.00
1087	80740141061		3	0.00	0.0000 +		0.00
1088	80740732200	TEJ.ART.ALAMB.RED 25,4 X 1800	3	0.00	0.0000 +		0.00
1089	80792012300	CABLE DE ACERO	3	0.00	3.2648		0.00
1090	80797110300	CABLE ACERO FLEXIBLE	3	0.00	9.7836		0.00
1091	80850112620	CANO DE HO.FUDO.12"X2,50 LARGO	1	2.00	15.7852		31.57
1092	80850113040	CANO HIERRO FUND. C/ESP 4"	1	10.00	18.8751		188.75
1093	80851811000	CURVA 90 C/ESP. Y ENCH. 4"	1	11.00	20.6305		226.94
1094	80851811500	CURVAS DE HO	1	4.00	0.1391 #		0.56
1095	80851852259	CURVA 90 C /2 BRIDAS 225MM	1	1.00	0.0000 +		0.00
1096	80851853009	CURVA 90 C/2 BRIDAS 300 MM	1	3.00	0.0000 +		0.00
1097	80856010600	SIFON	1	3.00	0.1391 #		0.42
1098	80890210100	1	3	0.00	1.5444		0.00
1099	80890210150	CANO DE 1/2"	3	0.00	1.5039		0.00
1100	80890210320	CANO DE ACERO	3	0.00	5.2838		0.00
1101	80890210400	CANO DE ACERO	3	89.60	4.0105		359.34
1102	80890210500	CANO DE ACERO DE 2"	3	147.20	7.8466		1155.02

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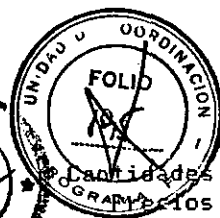
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 20

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



Cantidades al: 31/08/94
Gramaje al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1103	80890210650	CANO DE ACERO DE 2 1/2"		0.00	7.1259	0.00
1104	80890210800	CANO DE ACERO DE 3"		76.00	8.5223	654.51
1105	80890210801	CANO GALVANIZ DE 3" x 6		0.00	8.5223	0.00
1106	80890211001	CANO GDO.4" DIAM.		6.40	15.5907	99.78
1107	80890211500	CANO HG DE 6"	3	19.20	18.5357	355.89
1108	80890840150	NIFLE GDO. 1/2"	1	55.00	0.3553	19.54
1109	80890840500	NIFLE GDO. 2"	1	2.00	0.0000 +	0.00
1110	80890840650	NIFLE GDO.2 1/2"	1	2.00	0.0000 +	0.00
1111	80891030150	BRIDA REDONDA	1	1.00	2.0052	2.01
1112	80891030200	BRIDA 3/4"	1	2.00	2.0052	4.01
1113	80891030250	BRIDA	1	8.00	8.2216	65.77
1114	80891030400	BRIDA 1 1/2"	1	8.00	5.7007	45.61
1115	80891030500	BRIDA	1	3.00	2.0052	6.02
1116	80891030700	BRIDA 2 1/2"	1	13.00	12.1730	158.25
1117	80891030800	BRIDA REDONDA COMUN ROSC.COMUN	1	3.00	0.1391 #	0.42
1118	80891031000	BRIDA REDONDA COMUN DE 4"	1	1.00	15.3652	15.37
1119	80891330150	CODO A 90 GDO.DE 1/2"	1	74.00	1.5039	111.29
1120	80891330200	CODO A 90GDO. DE 3/4"	1	54.00	2.0052	108.28
1121	80891330320	CODO NORMAL A 90 GRADOS	1	49.00	2.8316	138.75
1122	80891330400	CODO A 90 GDO. DE 1 1/2"	1	57.00	4.7366	269.99
1123	80891330490	CODOS 1 1/2" GALVANIZADO	1	16.00	0.0000 +	0.00
1124	80891330500	CODO A 90 GDO DE 2"	1	0.00	6.0158	0.00
1125	80891330650	CODO A 90 GDO. DE 2.1/2"	1	9.00	8.2380	74.14
1126	80891330800	CODO A 90 GDO. DE 3"	1	1.00	16.0420	16.04
1127	80891331000	CODO A 90 GDO. DE 4"	1	5.00	32.0841	160.42
1128	80891331250	CODO	1	4.00	0.1391 #	0.56
1129	80891331500	CODO NOR.90.6"DIAM.	1	4.00	0.0000 +	0.00
1130	80891340650	CODO NOR.ROS.INT.Y EXT 2 1/2"	1	0.00	0.0000 +	0.00
1131	80891430130	CODO	1	16.00	0.1391 #	2.23
1132	80891430310	CODO	1	2.00	8.5596	17.12
1133	80891430500	CODO NOR.ROS.INT.Y EXT.2x1 1/2"	1	0.00	0.0000 +	0.00
1134	80892430100	CUPLA NORMAL DES.COMERC.3/8"	1	706.00	2.7184	1919.19
1135	80892430200	CUPLA NORMAL DE 3/4"	1	24.00	2.0945	50.27
1136	80892430250	CUPLA DE 1"ROSCA INTERNA	1	8.00	2.1019	16.82
1137	80892430320	1	1	21.00	2.6469	55.58
1138	80892430400	CUPLA DE 1.1/2"ROSCA INTERNA	1	20.00	2.0902	41.80
1139	80892430500	CUPLA DE 2" ROSCA INTERNA	1	230.00	4.3762	1006.53
1140	80892430650	CUPLA NORMAL DES.COMERC.2.1/2"	1	78.00	7.4941	584.54
1141	80892430800	CUPLA DE 3" ROSCA INTERNA	1	59.00	11.0289	650.71
1142	80892431000	CUOPLA NORMAL DES.COMERC.4"	1	1.00	22.0578	22.06
1143	80892530250	CUPLA RED. 1X1/4"	1	12.00	0.1391 #	1.67
1144	80892530270	CUPLA REDUCCION CONCENTRICA	1	10.00	2.3461	23.46
1145	80892530280	CUPLA REDUCCION CONCENTRICA	1	3.00	3.0787	9.24
1146	80892530320	CUPLA DES.COMERC.1.1/4"x 1/2"	1	105.00	1.8047	189.49
1147	80892530330	CUPLA DES.COMERC.1.1/4" x 3/4"	1	20.00	2.3461	46.92
1148	80892530340	CUPLA RED. 1.1/4" X 1"	1	19.00	4.1188	78.26
1149	80892530380	CUPLA DES.COMERC.1.1/2"x 1/2"	1	51.00	1.8047	92.04
1150	80892530390	CUPLA DES.COMERC.1.1/2"x 3/4"	1	55.00	1.8047	99.26
1151	80892530400	CUPLA REDUCCIN CONCENTRICA	1	31.00	4.0105	124.33
1152	80892530410	CUPLA DE 1.1/2"	1	11.00	1.8047	19.85
1153	80892530480	CUPLA RED. 2X1/2"	1	22.00	0.1391 #	3.06
1154	80892530490	CUPLA RED. 2" X 3/4"	1	16.00	4.9530	79.25
1155	80892530500	CUPLA REDUCCION CONCENTRICA	1	8.00	4.1252	33.00
1156	80892530510	CUPLA	1	60.00	2.0052	120.31
1157	80892530670	CUPLA REDUCION CONCENTRICA	1	4.00	0.1391 #	0.56
1158	80892530760	CUPLA	1	41.00	0.1391 #	5.70
1159	80892530780	CUPLA DES.COMERC. 3" x 1.1/2"	1	9.00	0.1391 #	1.25
1160	80892530790	CUPLA REDUCCION CONC.DE 3"X2"	1	6.00	4.9346	29.61

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Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

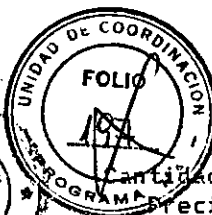
Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
1161	80892530800	CUPLA DE REDUCCION DE 3'X 1 1/2"	1	5.00	3.0079	15.04
1162	80892531010	CUPLA RED. 4X2"	1	97.00	0.1391 #	13.49
1163	80892531020	CUPLA RED. 4X2.1/2"	1	12.00	19.1375	229.65
1164	80892531030	CUPLA RED. 4X3"	1	4.00	19.1375	76.55
1165	80892740320	CURVA H.GDO. 1 1/4"	1	16.00	6.2263	99.62
1166	80892740400	CURVA H.GDO. 1 1/2"	1	2.00	0.3092	0.62
1167	80892740500	CURVA H.GDO.CORTA 90. 50779 MM	1	4.00	13.4384	53.75
1168	80892740650	CURVA CORTA 90 G. 2./12"	1	8.00	8.0716	64.57
1169	80892741000	CURVA CORTA 90 G 4"	1	4.00	0.1391 #	0.56
1170	80892741500	CURVA CORTA 90 G 6"	1	7.00	0.1391 #	0.97
1171	80893140800	CURVA NORMAL A 45 G 3"	1	0.00	0.1391 #	0.00
1172	80893350250	ENTRE ROSCA NORMAL DE 1'	1	6.00	1.8047	10.83
1173	80893350500	ENTRE ROSCA NORMAL 2' CON EXAG	1	5.00	6.2612	31.31
1174	80893350800	ENTRE ROSCA NORMAL 3' CON EXAG.	1	6.00	7.0183	42.11
1175	80893351000	ENTRE ROSCA NORMAL DE 4'	1	1.00	14.0368	14.04
1176	80893850320	TAPONES S/BORDES C/TAPAS CUADR	1	23.00	1.8224	41.92
1177	80893850400	TAPONES SIN BORDE DE 1 1/2"	1	30.00	2.4300	72.90
1178	80894230250	TE. NORMAL DE 3'	1	1.00	5.3948	5.39
1179	80894230320	1	1	12.00	5.6016	67.22
1180	80894230400	TE. NORMAL DE 1 1/2"	1	5.00	5.6635	28.32
1181	80894230500	TE.NORMAL DE 2'	1	0.00	6.1784	0.00
1182	80894230650	TE.NORMAL, ROSCA INTERNA DE 2 1/2"	1	9.00	19.9516	179.56
1183	80894230800	TE. NORMAL ROSCA INTERNA	1	11.00	26.0683	286.75
1184	80894231000	TE.NORMAL DE 4'	1	4.00	33.8927	135.57
1185	80894231500	TEE NORMAL 6"	1	3.00	0.1391 #	0.42
1186	80894430200	TEE REDUCCION 3/4X3/8X3/4"	1	34.00	1.2481	42.44
1187	80894430260	TE. REDUCCION 1X1/2"	1	2.00	3.0753	6.15
1188	80894430320	TEE REDUC.DE 1 1/4" A 1/2"	1	26.00	6.0158	156.41
1189	80894430330	T.REDUCCION DERIVACION MENOR D	1	9.00	11.0345	99.31
1190	80894430340	TEE REDUC.DE 1 1/4" A 1"	1	7.00	6.0158	42.11
1191	80894430390	TE.REDUCCION 1.1/2X 1/2"	1	135.00	6.0158	812.13
1192	80894430400	T REDUCCION DERIVACION	1	40.00	12.3572	494.29
1193	80894430500	TE,REDUCCION DE 2'X 1/2 X 2'	1	4.00	14.8800	59.52
1194	80894430620	TE RED.ROS.INT.2.1/2X1/2X2.1/2"	1	1.00	15.0394	15.04
1195	80894430790	TE RED.ROS.INT.3X1.1/4X3"	1	1.00	0.1391 #	0.14
1196	80894430800	TE.REDUCCION DE 3'X1 1/2" X 3'	1	2.00	25.0657	50.13
1197	80894430810	TE.REDUCCION DE 3'X2'X3'	1	1.00	0.1391 #	0.14
1198	80896030320	UNION DOBLE DE 1'1/4"	1	13.00	6.7677	87.98
1199	80896030400	UNION DOBLE DE 1 1/2"	1	8.00	14.2563	114.05
1200	80896030500	UNION DOBLE DE 2'	1	3.00	15.8277	47.48
1201	80896030650	UNION DOBLE DE 2 1/2"	1	4.00	6.5777	26.31
1202	80896030800	UNION DOBLE DE 3"	1	3.00	26.7740	80.32
1203	80896041000	UNION DOBLE 4"	1	4.00	0.0000 +	0.00
1204	80910230160	CANO DIA.EXT.15,9mm. 5/8 pulg.	3	36.00	0.4630	16.67
1205	80910230190	CANO ACERO DIA.EXT.19mm- 3/4pu	3	12.00	0.5867	7.04
1206	80914110140	REDUCCION ROSCADA 1.1/4X1"	1	41.00	0.1391 #	5.70
1207	80914110160	REDUCCION ROSCADA 1.1/2X1"	1	12.00	0.1391 #	1.67
1208	80914110220	REDUCCION ROSCADA 2X1.1/2"	1	83.00	0.1391 #	11.55
1209	80915930150	CAJA CUADRADA	1	175.00	0.0000 +	0.00
1210	80916130560	CAJA LISA GRANDE 90X90X55 MM	1	46.00	0.8235	37.88
1211	80916333140	CAJA RECTANGULAR	1	43.00	0.0000 +	0.00
1212	80916610250	CAJA DE FUNDICION BLINDADA	1	20.00	0.0000 +	0.00
1213	80916740190	CAJA ROSCADA CIRCULAR DE AL.	1	2.00	0.1391 #	0.28
1214	80916743160	CAJA PARA LUZ	1	8.00	0.1391 #	1.11
1215	80917042190	CAJA DE ALUMINIO RECTANGULAR	1	1.00	0.0000 +	0.00
1216	80932430500	CUPLA NORMAL ROSCA INT. 2"	1	290.00	0.1391 #	40.34
1217	80932730320	CURVA CORTA 1.1/4"	1	5.00	0.1391 #	0.70
1218	80933930400	TEE NORMAL 1.1/2"	1	18.00	0.4160	7.49

ANEXO

AP

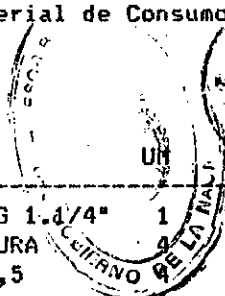
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Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Cantidades al: 31/08/94
Precios al: 31/07/94

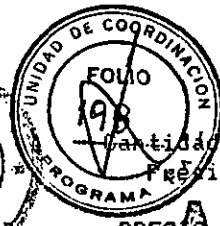


#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTO
1219	80936230320	UNION DOBLE C/CODO 90 G 1.1/4"	1	131.00	0.1391 #	18.22
1220	80970120300	TUBO DE COBRE SIN COSTURA	4	2.00	43.1384	86.28
1221	80970660320	CANO LATON S/COSTURA 9,5	4	6.00	0.2796	1.68
1222	81200820100	CANO CEMENTO 4"	1	12.00	0.0000 +	0.00
1223	81200820150	CANO CEMENTO 6"	1	10.00	3.3980	33.98
1224	81200920200	CANO CEMENTO 4"	1	10.00	5.0131	50.13
1225	81201630850		1	68.00	0.0000 +	0.00
1226	81201810100	CANO DE PLOMO TIPO LIVIANO	4	0.00	1.6543	0.00
1227	81201810300	CANO PLOMO 1 1/4"	4	20.00	2.5990	51.98
1228	81201810350	CANO DE PLOMO DE 38 MM	4	50.00	1.6543	82.72
1229	81201820150	CANO DE PLOMO TIPO II PESADO	4	4.00	3.8480	15.39
1230	81201820350	CANO PLOMO 1.1/2"	4	0.00	2.8225	0.00
1231	81203010100	CURVA C/ESP.Y ENCHUF.DIA.100MM	1	8.00	1.4588	11.67
1232	81203110050	CURVA CORT.90 GDOS CEMT02 1/2"	1	110.00	7.0183	772.01
1233	81203110100	CURVA 90 G DE CEMENTO 4"	1	2.00	5.1076	10.22
1234	81205250350	SIFON "S"DIAM.INT.38,1 mm.	1	13.00	2.5451	33.09
1235	81205250400	SIFON T.S.	1	6.00	7.0183	42.11
1236	81209999990	CANO PLASTICO 4"	1	4.00	18.0473	72.19
1237	81211520501	TANQUE DE HC 500LTS	1	0.00	0.0000 +	0.00
1238	81212530260	TAPA P/CAMARA INSPECCION	1	1.00	0.1391 #	0.14
1239	81213410080	DESCARGA PARA MINGITORIO	1	0.00	141.0230	0.00
1240	81219999990	DEF.PLASTICO P/INODORO	1	9.00	0.0000 +	0.00
1241	81221810010	INODORO DE PALANGANA A LA TUER	1	23.00	157.9684	3633.27
1242	81223420010	MINGITORIO LOZA VITRIFICADA	1	14.00	60.1195	841.67
1243	81225030030	SOPAPA P/PILETA C/CONTRATUERCA	1	15.00	5.0131	75.20
1244	81230110100	AZUL CERAM.BLA.150X150X4MM	1	116.00	9.7999	1136.79
1245	81230110300	CERAMICA ESMALTADA	6	0.00	12.4460	0.00
1246	81230110400	AZULEJO MATERIAL CERAMICO	6	43.00	11.5404	496.24
1247	81260140150	CANAL.1/2 CANA 2500MM	1	6.00	0.0000 +	0.00
1248	81261510100	CANALETA DESAGUE 5"X305MM	1	1.00	0.1391 #	0.14
1249	81265210060	SOMBRETERE 63MM	1	6.00	0.0000 +	0.00
1250	81271037540	VALVULA EXCLUSA 254MM	1	5.00	0.0000 +	0.00
1251	81271110190	VALVULA ESCLUSA BRONCE 3/4"	1	4.00	41.7476	166.99
1252	81272133630	VALVULA RETENC. 2 1/2"	1	1.00	0.0000 +	0.00
1253	81274650090	LLAVE DE PASO 9,5 MM	1	1.00	0.0000 +	0.00
1254	81400120020	ARENA EN GRANO MEDIANOS	8	0.00	17.0377	0.00
1255	81403610500	CEMENTO BLANCO EN POLVO	4	4.00	0.0000 +	0.00
1256	81410710431	BALDOSAS 0,20X0,20 PROD.	6	60.00	10.5228	631.37
1257	81419999990	LOSETAS BIS.GRISACEAS	6	28.00	0.0000 +	0.00
1258	81430530109	CHAPA ACANALADA ASBESTO CEMENT	1	0.00	1.9437	0.00
1259	81431630109	CUMBRERAS ARTIC. 480X1200 MM	1	0.00	0.0139	0.00
1260	81441220100	VIDRIO TRASLUCIDO COLOR VERDE	6	0.00	0.1391 #	0.00
1261	81600413300	CEDRO MISIONERO 152X305X3000MM	6	6.00	13.7516	82.51
1262	81601461150	MACHIMBRE 13X152 MM	6	0.00	13.3244	0.00
1263	81601461300	MACHIMBRE 25X76 MM	6	20.00	11.1584	223.17
1264	81601461400	MACHIMBRE 1X6"	6	0.00	45.0149	0.00
1265	81620912300	CEBIL COLORADO 44X152X4000 MM	6	0.00	34.0755	0.00
1266	81630410200	MADERA TERCIA DA 3 MM	6	0.00	5.2424	0.00
1267	81750120750	ALDABILLA ACERO 6,7CM	1	27.00	0.0000 +	0.00
1268	81811615500	FUERTA PLACA	1	7.00	0.8756	6.13
1269	81819999990	MARCO CHAPA 0,76X2MTS	1	7.00	0.0000 +	0.00
1270	81970110050	BARRIL	1	3.00	225.0153	675.05
1271	82290712400	PIEDRA ESMERIL OVAL.240X35 MM	1	0.00	70.1841	0.00
1272	82293510800	ESMERIL EN FOLVO NRO.3/0	4	0.00	0.0000 +	0.00
1273	82294570240	PAPEL DE LIJA DE 210 x 260mm.	1	0.00	0.2406	0.00
1274	82300134420	RUEDA RECTA 203X32X22MM	1	45.00	0.0000 +	0.00
1275	82300225960	RUEDA RECTA 203X3X19MM	1	0.00	0.0000 +	0.00
1276	82300259600		1	0.00	0.0000 +	0.00

ANEXO

AD

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Emisión: 10/11/94

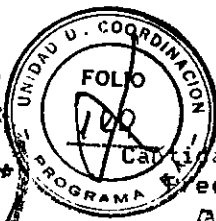
Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Partidas al: 31/08/94
Presios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
1277	82304433900	RUEDA RECTA T/DE 76X32 MM		1.00	0.1391 #	0.14
1278	82304633820	PIED.ESMER.COP.203x51x102		87.00	0.1391 #	12.10
1279	82304721760	RUEDA RECTA T/DE 102 MM		5.00	0.1391 #	0.70
1280	82312710800	DETGERGENTE EN POLVO	4	0.00	6.3235	0.00
1281	82331130170	POXIPOL	1	0.00	45.3103	0.00
1282	82450140100	BALDE DE GOMA NEGRO CAPAC.10Ls	1	0.00	4.9323	0.00
1283	82452010050	ESCORBAS DE PAJA DE GUINEA	1	0.00	5.7150	0.00
1284	82452010150	ESCOBA DE PAJA DE 5 HILOS	1	0.00	2.2684	0.00
1285	82452210050	ESCORILLA DE GUINEA CABO 160 M	1	0.00	2.6367	0.00
1286	82452210100	ESCORILLA DE GUINEA CABO 240 MM	1	0.00	0.6072	0.00
1287	82453310050	FRANELA AMARILLA DE 2500rs.	1	0.00	1.1897	0.00
1288	82454320050	TRAPOS DE PISO DE 550x600MM.	1	0.00	0.9677	0.00
1289	82454320050	TRAPO REJILLA DE ALGODON	1	3.00	0.5702	1.71
1290	82454320150		1	0.00	0.0000 +	0.00
1291	82455340050	JAVON DE LAVAR EN POLVO-DE 1Kg	4	0.00	2.9076	0.00
1292	82455340250	JAVONES DE LAVAR POLVO DE 25Kg	4	0.00	0.9203	0.00
1293	82455430100	JABON DE TOCADOR	1	36.00	0.1391 #	5.01
1294	82455600100	JAVON DE POTASA EN PASTA	4	20.00	2.0052	40.10
1295	82455910050	POLVO LIMPIADOR ENV.DE 1000Gs.	4	0.00	0.6612	0.00
1296	82456460050	LIMPIADORES F/VIDRIOS LIQUIDO	5	0.00	2.9558	0.00
1297	82456560100	LIMPIADOR P/METALES ENV.500CM3	1	21.00	1.1807	24.96
1298	82457910050	PAPEL HIGIENICO-ROLLOS 74MTS.	1	0.00	0.2506	0.00
1299	82470110010	ESTOPA BLANCA P/ LIMPIEZA	4	0.00	0.9060	0.00
1300	82475010010	TRAPOS BLANCOS DE 40 x 40 cms.	4	0.00	4.0056	0.00
1301	82500210050	CEPILLO DE ALAMBRE	1	0.00	9.5446	0.00
1302	82505030100	ESCORILLON TIPO FERROC.1000MM.	1	0.00	15.2684	0.00
1303	82506030100	ESCORILLON DE CERDA	1	29.00	0.0000 +	0.00
1304	82550210050	CEPILLOS DE ACERO	1	0.00	0.0000 +	0.00
1305	82600110100	AGUA DESTILADA	5	35.00	0.0000 +	0.00
1306	82600310200	ACID.CLORHIDRICO(MURIAT)US.IND	4	42.00	1.9769	83.03
1307	82740340010	MATAFUEGO MANUAL 10LTS	1	25.00	0.0000 +	0.00
1308	82743030100	BALDE PARA INCENDIO	1	37.00	0.0000 +	0.00
1309	82760530010	ANTEOJOS SEGUR.C/CRISTAL INCO.	1	6.00	3.5525	21.32
1310	82761340110	BOTINES DE SEGURIDAD N 38	1	0.00	21.1411	0.00
1311	82761340120	BOTINES DE SEGURIDAD N 39	1	0.00	21.1411	0.00
1312	82761340130	BOTINES DE SEGURIDAD N 40	1	0.00	21.1411	0.00
1313	82761340140	BOTINES DE SEGURIDAD N 41	1	0.00	21.1411	0.00
1314	82761340147	BOTIN DE SEG. N 41 DETERIORADO	1	0.00	4.2282	0.00
1315	82761340150	BOTIN DE SEG.N 42	1	0.00	21.1411	0.00
1316	82761340160	BOTIN DE SEG. N 43	1	0.00	21.1411	0.00
1317	82761342360	BOTINES SEGURIDAD NR 43	1	0.00	24.7649	0.00
1318	82761720780	CASCO CLASE A PLAST.NR058	1	2.00	0.0000 +	0.00
1319	82762531000	GUANTES CUERO COMB.PUNO CORTO	1	10.00	2.5300	25.30
1320	82763320500	PANTALLA DE MANO	1	3.00	58.3434	175.03
1321	82767830920	VIDRIOS ANTIPARRAS	1	0.00	1.1329	0.00
1322	82767830930	CRISTAL DE CARETA TONO 13	1	0.00	2.7195	0.00
1323	82826030040	BROCHES PARA CORREAS	1	240.00	0.5013	120.31
1324	82900121250	MANGA DE CAUCHO-DIAM.INT.25mm.	3	98.00	7.3931	724.52
1325	82904010640	MANGUERA P/INCENDIO 60,3MM	1	4.00	0.0000 +	0.00
1326	82950123250	NEUMATICOS P/PICK-UP-6 TELAS	1	16.00	100.2630	1604.21
1327	83226710510	TIZA INDELEBLE AZUL	1	12.00	0.1391 #	1.67
1328	83374422340	ESMALTE ANTIOXIDO	5	24.00	7.5197	180.47
1329	83380211200	PINTURA BLANCA	5	4.00	0.0000 +	0.00
1330	83380212000	PINTURA MARRON	5	4.00	0.0000 +	0.00
1331	83380311800	PINTURA ROJA	5	1.00	0.0000 +	0.00
1332	83380711400	PINTURA MATE NEGRA INT	5	0.00	4.1939	0.00
1333	83381131800	PINTURA DE ALUMINIO SILIGONADA	5	0.00	6.2162	0.00
1334	83390110040	CAL EN POLVO AL AGUA	4	0.00	2.1030	0.00

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Emisión: 10/11/94

Página: 24

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Validades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1335	83410520710	ASFASOL T/6		200.00	0.8582	171.64
1336	83410520910	ASFASOL TIPO T		178.00	0.2092	37.24
1337	83415030110	PINT. ANTICORROSIVA ASFALTICA	4	20.00	1.2532	25.06
1338	83418010010	BREA EN TROZOS	4	0.00	1.2540	0.00
1339	83430311150	ESMALTE SINT. ROJO SEÑAL	5	0.00	5.8700	0.00
1340	83430311500	ESMALTE SINT.CREMA 04_1_030	5	0.00	4.3700	0.00
1341	83430313200	ESMALTE SINT.CASTAÑO OSCURO.	5	0.00	2.8475	0.00
1342	83430314250	ESMALTE SINT. GRIS OSCURO	5	0.00	5.6222	0.00
1343	83430315500	ESMALTE SINT. BLANCO T. PURO	5	0.00	6.4358	0.00
1344	83430315600	ESMALTE SINT. ALUMINIO PURO	5	0.00	5.0131	0.00
1345	83430511040	ESMALTE SINT. BRILL. VERDE	5	0.00	5.1883	0.00
1346	83430511940	PINTURA (ROJO)	5	40.00	6.2664	250.66
1347	83430516040	PINTURA (GRIS)	5	60.00	0.0000 +	0.00
1348	83430518040	SINTETICO BLANCO	5	20.00	20.7410	414.82
1349	83430518240	ESMALTE SINTETICO NEGRO	5	100.00	5.4743	547.43
1350	83439999990	PINT.ESF. P/FISOS FOXIDILO BCO	5	904.00	0.0000 +	0.00
1351	83450310010	BARNIZ RESINA EXPO	5	1.00	0.0000 +	0.00
1352	83450310040	BARNIZ SINTETICO P/MADERA 4L.	5	24.00	4.3459	104.30
1353	83450320010	BARNIZ P/BOCHA	5	1.50	0.0000 +	0.00
1354	83450320040	BARNIZ SINT. P/INT.	5	0.00	2.5444	0.00
1355	83452280140	BARNIZ SECANTE HORNO COLORADO	5	49.00	5.3129	260.33
1356	83490130750	ACEITE LINAZA	5	40.00	3.2966	131.86
1357	83490510400	AGUARRAS MINERAL	5	92.00	0.7319	67.33
1358	83492020400	DILUYENTE ESPECIAL	5	18.00	1.6415	29.55
1359	83492510750	REMOVEDOR	5	0.00	6.1955	0.00
1360	83500910010	PINCEL CHATO DE 12mm.	1	1.00	1.3722	1.37
1361	83500910070	PINCEL CHATO DE 76,2mm.	1	6.00	4.4817	26.89
1362	83501010090	PINCEL CHATO 101,59 MM	1	14.00	5.0131	70.18
1363	83505060010	BROCHA DE 65MM TIPO I	1	29.00	8.0210	232.61
1364	83505160050	PINCEL P/BLANQUIAR	1	9.00	4.0105	36.09
1365	83506021000	RODILLO NR 8	1	1.00	2.6140	2.61
1366	83900510180	GAS-OIL	5	820.00	0.1900	155.80
1367	83900510350	KEROSENE	5	0.00	0.5013	0.00
1368	83901010010	COMBUSTIBLE SOLIDO CARBON COQ.	4	0.00	0.7118	0.00
1369	83901010500	DURMIENTE TIPO LENA	1	265.00	0.5213	138.14
1370	83952020050	NITROGENO	4	15.00	0.0000 +	0.00
1371	83953020060	OXIGENO X 6	8	0.00	3.0000	0.00
1372	83970310050	ACEITE Nro. 32	5	10.00	1.1544	11.54
1373	83970310160	ACEITE HIDRAULICO 46	5	90.00	2.2474	202.27
1374	83971261050	ACEITE P/COMPRESOR	5	1.70	0.0000 +	0.00
1375	83973611050	ACEITE YPF. 408	5	0.00	1.6811	0.00
1376	83973611100	ACEITE NRO.412	5	0.55	1.6573	0.91
1377	83973811000	ACEITE HD30 429	5	0.00	1.4100	0.00
1378	83973811100	ACEITE FERRODIESEL SERIE 1-40	5	0.00	1.9110	0.00
1379	83973911050	ACEITE HD 30 S.3	5	0.00	1.5100	0.00
1380	83973911200	ACEITE HD.SERIE 3 SAE 40	5	70.00	1.6061	112.43
1381	83976711050	GRASA YPF NR 102	4	300.00	2.7327	819.81
1382	83978520100	VASELINA	4	2.50	0.0000 +	0.00
1383	83979070100	1	4	1.60	2.0592	3.29
1384	85003040050	ESTEARINA EN PANES P/SOLDAR	4	0.00	1.2766	10.21
1385	85003760250	RECINA EN TERRON	4	1.85	3.4800	6.44
1386	85010310150	VARILLA DE FUNDICION	4	60.00	0.1391 #	8.35
1387	85020110000		4	0.00	0.1391 #	0.00
1388	85020110100	ELECTRODOS P/MAT.ACERO CARBONO	4	80.00	2.7904	223.23
1389	85020120130	ELECTRODOS SERIE 60 3X1/8"	4	19.00	2.7270	51.81
1390	85020120140	ELECTRODOS TIP.E4313 4MMX5/32"	4	90.00	2.7285	245.57
1391	85020120150	ELECTRODO DE 5 MM	4	0.00	0.6208	0.00
1392	85020120160	ELECTRODO P.AZUL 6 MM	4	210.00	3.1482	661.12

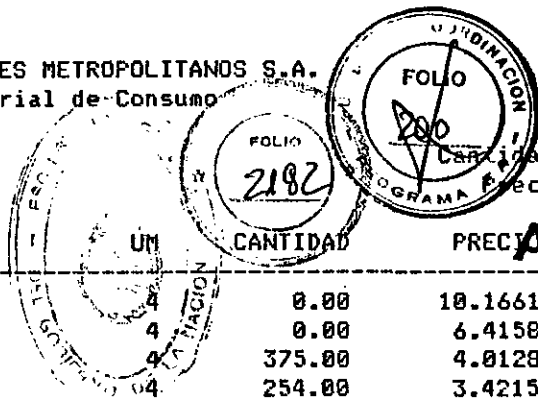
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 25

Línea : 21 ROCA
Almacén: 213407 V. Y O. FLAZA C.



Capitales al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1393	85020210020	ELECTRODO A/D 2 MM	4	0.00	10.1661	0.00
1394	85020210030	ELECTRODOS 3 mm.	4	0.00	6.4158	0.00
1395	85022040030	ELECTRODOS	4	375.00	4.0128	1504.80
1396	85029999990	ELECTRODOS DE FUNDICION	04	254.00	3.4215	869.06
1397	85291120850	TOMA CORRIENT.BIPOLAR 15A 220V	1	2.00	2.2402	4.48
1398	85291121150	TOMA CORRIENTE C/NEUTRO 220 V	1	52.00	0.0000 +	0.00
1399	85291321000	TOMA CORRIENTE TRIP.15 A 380 V	1	200.00	0.0000 +	0.00
1400	85291331000	TOMAS INTEMP.SAFOS 30/60 220 V	1	4.00	0.0000 +	0.00
1401	85291331100	TOMA C/NEUTRO 380 V 63 A	1	6.00	0.0000 +	0.00
1402	85297717070	INTERR.TERMOMAG.UNIP.15A	1	1.00	3.6941	3.69
1403	85297717150	INTERR.TERMOMAG.UNIP.16A	1	2.00	3.9622	7.92
1404	85297717530	INTERR.TERMOMAGN.BIP.32A	1	1.00	8.1176	8.12
1405	85297717700	INTERR.TERMOMAGN.TRIP.6A	1	2.00	0.0000 +	0.00
1406	85297717750	INTERR.TERMOMAGN.TRIP.16A	1	3.00	13.4740	40.42
1407	85297717800	INTERR.TERMOMAGN.TRIP.25A	1	3.00	13.4740	40.42
1408	85297717830	INTERR.TERMOMAGN.TRIP.32A	1	3.00	13.9407	41.82
1409	85297717930	INTERR.TERMOMAGN.TRIP.50A	1	2.00	25.9247	51.85
1410	85298011000	INTERRUPTOR AUTOMATICO 100A.	1	2.00	126.2897	252.58
1411	85298310800	CONTACTOR SIEMENS 3TB 41	1	2.00	0.0000 +	0.00
1412	85300710500	CABLE DE ALUM. 19X1.85-50 MM2	3	50.00	0.0000 +	0.00
1413	85300711200	CABLE DE ALUM.37X2.52 -185 MM2	3	50.00	0.0000 +	0.00
1414	85300712400	CABLE DE ALUMINIO 240 MM2	3	50.00	0.0000 +	0.00
1415	85301310250	CABLE COBRE P/L/AEREAS 2,15MMM	3	3989.00	2.9393	11724.87
1416	85301310350	CABLE AEREO 35 mm.	3	2280.00	1.7847	4069.12
1417	85302222250	CABLE TIPO TALLER 2X1 MM	3	61.00	1.2652	77.18
1418	85302620850	1	3	1200.00	0.1391 #	166.92
1419	85307520500	CABLE FLEXIBLE NEGRO 1 MM	3	430.00	0.0000 +	0.00
1420	85307520520	CABLE COBRE DIAM.0,30MM.ROJO	3	230.00	0.1100	25.30
1421	85307520530	CABLE COBRE DIAM.0,30MM.AZUL	3	92.00	0.0000 +	0.00
1422	85307520550	CABLE NEGRO 1X1MM	3	100.00	0.0000 +	0.00
1423	85307520600	CABLE COBRE DIAM.0,35MM.NEGRO	3	630.00	0.4700	296.10
1424	85307520700	CABLE COBRE DIAM.0,40MM.NEGRO	3	370.00	0.2206	81.62
1425	85307520800	CABLE COBRE DIAM.0,40MM.NEGRO	3	6528.00	0.1571	1025.55
1426	85307520820	CABLE CELESTE 2 1/2	3	300.00	0.0000 +	0.00
1427	85307520830	CABLE FLEXIBLE ROJO 2,5 MM	3	700.00	0.0000 +	0.00
1428	85307520900	CABLE COBRE 24 ALAMBRES,NEGRO	3	87.00	0.2100	18.27
1429	85307521000	CABLE COBRE P/380V.COLOR NEGRO	3	7800.00	0.2700	2106.00
1430	85307521020	CABLE COBRE 32 ALAMBRES, ROJO.	3	5830.00	0.6906	4026.20
1431	85307521510	CABLE COB.AIS/PVC UNIP.0,60MM	3	800.00	1.1028	882.24
1432	85307521640	CABLE COB.AIS/PVC UNIP.0.60MM	3	1400.00	1.3635	1908.90
1433	85308211500	CAB.COB.SUBTERR.PVC 3X25X1X16	3	1498.00	21.6228	32390.95
1434	85308211510	CAB.COB.SUBTERR.3X35X3X16MM2	3	1716.00	9.2677	15903.37
1435	85308211520	CABLE COB.SUBT.PVC 3X50X1X25MM	3	513.00	14.4167	7395.77
1436	85308211530	CAB.COB.SUBTERR.PVC 3X70X1X35	3	900.00	47.2228	42500.52
1437	85308212070	CAB.COB.SUBT.AISL PVC 4X6 MM2	3	220.00	2.4604	541.29
1438	85308212080	CAB.COB.SUBT.AISL.PVC 4X10MM2	3	2010.00	3.5733	7182.33
1439	85308212090	CAB.COB.SUBT.AISL.PVC 4X16MM2	3	685.00	5.1486	3526.79
1440	85308410230	ALMABRE ASMALTADO SINT.0,12MM	4	3.80	0.0000 +	0.00
1441	85308420140	ALAMBRE ESMALTADO SINT.0,07MM	4	1.60	0.0000 +	0.00
1442	85308420210	ALAMBRE ESMALTADO SINT.0,11MM	4	0.60	0.0000 +	0.00
1443	85308420250	ALAMBRE ESMALTADO SINT.0,13MM	4	0.15	1.1567	0.17
1444	85308420280	ALAMBRE COBRE ESMALT.0.150MM	4	1.10	10.6479	11.71
1445	85308420310	ALAMBRE ESMALTADO SINT.0,10MM	4	4.09	27.6232	112.98
1446	85308420370	ALAM.COBRE ESMALTADO 0,250MM	4	2.20	10.6479	23.43
1447	85308420390	ALAMB.COBRE ESMALTADO 0,280MM	4	5.70	10.6479	60.69
1448	85308420400	ALAMBRE COBRE ESMALTADO 0,300M	4	3.00	10.6479	31.94
1449	85308420410	ALAMBRE COBRE ESMALT.0,315MM	4	11.80	35.7802	422.21
1450	85308420430	ALAMBRE COBRE ESMALT.0,355MM	4	21.19	10.6479	225.63

ANEXO

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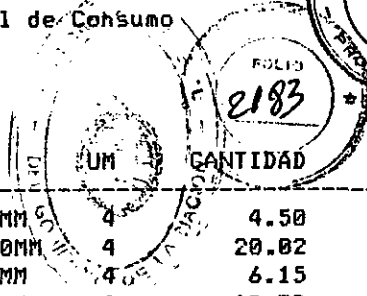
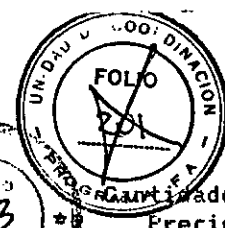
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 26

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



Cantidades al: 31/08/94
Precios al: 31/07/94

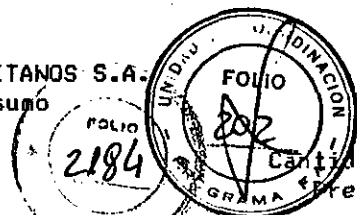
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1451	85308420450	ALAMBRE COBRE ESMALT.0.400MM	4	4.50	10.6479	47.92
1452	85308420470	ALAMBRE3 COBRE ESMALT.0.450MM	4	20.02	10.6479	213.17
1453	85308420510	ALAMBRE COBRE ESMALT.0.560MM	4	6.15	6.6024	40.60
1454	85308420520	ALAMBRE COBRE ESMALT.0.600MM	4	10.38	10.6479	110.53
1455	85308420550	ALAMBRE DE COBRE DIAM.0.710MM.	4	5.42	6.5715	35.62
1456	85308420560	ALAMBRE DE COBRE DIAM.0.750MM.	4	9.43	6.5715	61.97
1457	85308420570	ALAMBRE COBRE DIAM.0.800MM.	4	12.16	10.6479	129.48
1458	85308420580	ALAMBRE COBRE DIAM.0.850MM.	4	21.76	6.4584	140.53
1459	85308420590	ALAMBRE COBRE DIAM.0.900MM.	4	3.30	10.6479	35.14
1460	85308420600	ALAMBRE COBRE DIAM.0.950MM.	4	3.10	8.5223	26.42
1461	85308420610	ALAMBRE COBRE DIAM.1.000MM.	4	11.50	8.5223	98.01
1462	85308420620	ALAMBRE COBRE DIAM.1.120	4	0.70	8.5223	5.97
1463	85308420630	ALAMBRE COBRE RECOCIDO 1,120MM	4	8.02	6.3349	50.81
1464	85308420640	ALAMBRE COBRE DIAM.1,150MM.	4	16.64	6.3144	105.07
1465	85308420650	ALAMBRE COBRE DIAM.1,180MM.	4	23.13	6.2835	145.34
1466	85308420670	ALAMBRA COBRE DIAM.1,3210	4	55.20	6.2219	343.45
1467	85308420680	ALAMBRE COBRE DIAM.1,350MM.	4	8.60	6.2219	53.51
1468	85308420690	ALAM.COB.ESMALT.F/BOB.1,400MM	4	9.52	6.1806	58.84
1469	85308420700	ALAM.COB.ESMALT.F/BOB.1,450MM	4	21.36	6.1806	132.02
1470	85308420710	ALAM COB ESMAL.F/BOB 1,500 MM	4	3.50	8.5223	29.83
1471	85308420720	ALAMBRE ESMALTADO SINT.1,55MM	4	10.55	6.1806	65.21
1472	85308420730	ALAM.COB.ESMAL-F/BOB.1,600 MM	4	6.00	6.1395	36.84
1473	85308420740	ALAMBRE ESMALTADO SINT.1,65MM	4	15.40	0.0000 +	0.00
1474	85308420750	ALAM.COB.ESMAL.F/BOB.1,700MM	4	13.00	8.5223	110.79
1475	85308420760	ALAMBRE ESMALTADO SINT.1,75MM	4	11.70	0.0000 +	0.00
1476	85308420770	ALAMBRE ESMALTADO SINT.1,80MM	4	48.65	6.3349	308.19
1477	85308420780	ALAMBRE ESMALTADO SINT.1,85MM	4	6.35	0.0000 +	0.00
1478	85308420790	ALAMBRE ESMALTADO SINT.1,90MM	4	10.14	6.2835	63.71
1479	85308420810	ALAMBRE ASMALTADO SINT.2,00MM	4	3.75	6.2424	23.41
1480	85308420820	ALAMBRE ESMALTADO SINT.2,10MM	4	32.99	0.0000 +	0.00
1481	85308420830	ALAMBRE ESMALTADO SINT.2,20MM	4	24.26	0.0000 +	0.00
1482	85308520590	ALAMBRE 2 CAPAS ALGODON 0,85	4	6.90	0.0000 +	0.00
1483	85308520630	ALAM.COB.S/ESMAL P/BOB 1,120MM	4	13.20	7.5855	100.13
1484	85308520650	AL.ES.SIN.1,20MM 2CAPAS ALGODO	4	22.25	0.0000 +	0.00
1485	85308520690	1	4	18.00	0.1391 #	2.50
1486	85308520700	ALAM.COB.S/ESMAL P/BOB.1,400MM	4	8.30	16.8917	140.20
1487	85308520710	ALAM.ESM.SINT.1,50MM.2 CP.ALGO	4	4.50	0.0000 +	0.00
1488	85308520730	ALAM.ESM.SINT.1,60MM.2CP.ALG.	4	0.64	0.0000 +	0.00
1489	85308520750	ALAM.ESM.SINT.1,70MM.2 CP.ALGO	4	6.00	0.0000 +	0.00
1490	85308520790	ALAM.ESM.SINT.1,90MM.2 CP.ALG.	4	1.12	0.0000 +	0.00
1491	85308520810	ALAM.ESM.SINT.2MM.2 CAP.ALGOD.	4	12.90	0.0000 +	0.00
1492	85308520840	AL.ES.SIN.2,30MM.2CAP.ALGODON	4	4.55	0.0000 +	0.00
1493	85308520860	AL.ESM.SIN.2,40MM.2CAP.ALGODON	4	14.55	0.0000 +	0.00
1494	85308520870	AL.ES.SIN.2,50MM.2CAPALGODON	4	8.94	0.0000 +	0.00
1495	85308520910	ALAM.ESM.SINT.2,80MM.2 CAP.ALG	4	37.50	0.0000 +	0.00
1496	85308520930	ALAM.COB.S/ESMAL.F/BOB.3,000MM	4	14.80	15.4606	228.82
1497	85308520950	AL.ESM.SIN.3,20MM.2CAP.ALG.	4	5.90	0.0000 +	0.00
1498	85308520960	ALAM.ESM.SINT.3,53MM.2 CP.ALG.	4	15.60	0.0000 +	0.00
1499	85308520970	AL.ESM.SIN.3,55MM 2 CAP ALG.	4	7.40	0.0000 +	0.00
1500	85308521000	ALAMBRE 2 CAPAS ALGODON 3,80	4	0.45	0.0000 +	0.00
1501	85308540590	ALAM.COBRE(FORR.EN VIDRIO)0,90	4	97.00	0.0000 +	0.00
1502	85308540670	ALAM.COBRE(FORR.EN VIDRIO)1,30	4	38.50	0.0000 +	0.00
1503	85308665300	ALAM.ES.SINT.3,20X3,20MM	4	26.00	0.0000 +	0.00
1504	85308723300	FLANCHUELA COBRE 6,215X1,55MM	4	0.60	0.0000 +	0.00
1505	85308810400	ALAMBRE NICRON 0,30	4	0.20	0.1391 #	0.03
1506	85310210050	FUSIBLE DIAZED 2 A	1	9.00	0.0000 +	0.00
1507	85310210650	CARTUCHO FUSIBLE PORCELANA	1	10.00	0.4511	4.51
1508	85310211100	FUSIBLE DIAZED 15 A	1	9.00	0.4511	4.06

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Línea : 21 ROCA
Almacén: 213407 V. Y D. PLAZA C.



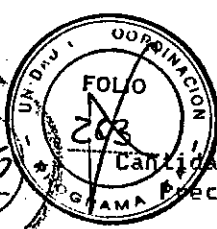
Cantidades al: 31/08/94
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1509	85310211250	CARTUCHO FUSIBLE INTENS.20A.	1	6.00	1.7343	10.41
1510	85310211400	CARTUCHO FUSIBLE INTENS.25A.	1	12.00	0.6825	8.19
1511	85310211550	FUSIBLE DIAZED 30A	1	3.00	0.4511	1.35
1512	85312820400	ALAMBRE CALIBRADO P/FUS.20A	4	4.00	79.5447	318.18
1513	85312820450	ALAM.COBRE P/FUSIBLES 0,45MM	4	5.00	47.7963	238.98
1514	85312820800	ALAMBRE CALIBRADO P/FUS.60A	4	4.00	27.2797	109.12
1515	85314611950	FUSIBLE TIPO NH 50 AMP	1	7.00	0.0000 +	0.00
1516	85314612000	FUSIBLE NH 63 AMP	1	7.00	0.0000 +	0.00
1517	85314612200	BASE PORTAFUSIBLE NH 20	1	1.00	0.0000 +	0.00
1518	85314612300	FUSIBLE NH 500 AMP TAMAND 3	1	1.00	0.0000 +	0.00
1519	85314612620	FUSIBLE TIPO NH 25 AMP	1	3.00	0.0000 +	0.00
1520	85314612640	FUSIBLE TIPO NH 3 NA 1-160 AMP	1	8.00	0.0000 +	0.00
1521	85314612720	FUSIBLE NH 315 AMP TAMANO 2	1	1.00	0.0000 +	0.00
1522	85314612770	FUSIBLE TIPO NH 630 AMP	1	4.00	0.0000 +	0.00
1523	85314612900	BASE PORTA FUSIBLE NH TAMANO00	1	1.00	0.0000 +	0.00
1524	85314612910	BASE PORTA FUSIBLE NH TAMANO 1	1	1.00	0.0000 +	0.00
1525	85314612920	BASE PORTA FUSIBLE NH TAMANO 3	1	1.00	0.0000 +	0.00
1526	85314612930	BASE PORTA FUSIBLE NH TAMANO 4	1	1.00	0.0000 +	0.00
1527	85317320100	TERMINALES 10MM	1	300.00	0.0000 +	0.00
1528	85317350070	TERMINAL P/13,2KV TIPO E 1511	1	9.00	0.0000 +	0.00
1529	85317350150	TERMINAL P/13,2KV TIPO E 1513	1	4.00	176.6075	706.43
1530	85317350190	TERMINAL P/13,2KV TIPO E 1514	1	2.00	0.0000 +	0.00
1531	85317350210	EMPALME RAYCHEM 15KV TRIPOLAR	1	19.00	0.0000 +	0.00
1532	85317350230	TERMINAL P/13,2KV TIPO E 1531	1	8.00	0.0000 +	0.00
1533	85317360050	EMP+RAYCHEM 15KV 1X50-1X95	1	12.00	0.0000 +	0.00
1534	85317360070	EMP+RAYCHEM 15KV 1X120-1X185	1	6.00	0.0000 +	0.00
1535	85317360090	EMP.RAYCHEM 15KV 1X240-1X300	1	6.00	0.0000 +	0.00
1536	85317360110	EMP.RAYCHEM 15KV 1X400-1X630	1	6.00	0.0000 +	0.00
1537	85317360130	EMPALME P/CABLE DE AISLACION	1	5.00	0.0000 +	0.00
1538	85317420010	TERMINAL RECTO COBRE 1,5MM2	1	50.00	0.0701	3.51
1539	85317420020	TERMINAL P/INDENTAR	1	300.00	0.0307	9.21
1540	85317420040	TERMINAL P/INDENTAR 4,0MM	1	2.00	0.0728	0.15
1541	85317420160	TERMINAL P/INDENTAR 8/16 PULG.	1	320.00	0.1232	39.42
1542	85317420250	TERMINAL P/INDENTAR 5/16 PULG.	1	90.00	0.1002	9.02
1543	85317420350	TERMINAL P/INDENTAR 3/8 PULG.	1	110.00	0.1504	16.54
1544	85317420500	TERMINAL P/INDENTAR 3/8 PULG.	1	75.00	0.1504	11.28
1545	85317420700	TERMINAL P/INDENTAR 1/2 PULG.	1	120.00	0.1002	12.02
1546	85317421850	TERMINAL P/INDENTAR	1	2.00	7.8477	15.70
1547	85318610200	ARRANCADOR 20 W.	1	7.00	0.5146	3.60
1548	85318711250	BOB.REACTANCIA 125W 220V	1	46.00	16.4763	757.91
1549	85318719999	BALASTOS INTERIOR 250 W	1	51.00	0.0000 +	0.00
1550	85318720500	BOBINA REACTANCIA 125W 220V	1	125.00	13.9738	1746.73
1551	85318720600	BOBINA REACTANCIA 250W 220V	1	78.00	21.3060	1661.87
1552	85318720700	BOBINA P/REACT.400W 220V	1	50.00	30.8933	1544.67
1553	85318824000	REACTANCIA 220V-400W(B.PRES.)	1	1.00	61.7867	61.79
1554	85318835400	BALASTO 400W SOLIO	1	13.00	57.1499	742.95
1555	85318910200	BOBINA P/REACTANCIA 20W 220V	1	60.00	6.1166	367.00
1556	85318910300	BOBINA REACT. 220V. 30W.	1	52.00	6.1160	318.03
1557	85318910400	BOBINA P/REACTANCIA 40W 220V	1	11.00	2.6000	28.60
1558	85318911100	BOBINA P/REACTANCIA 105W 220V	1	82.00	27.9957	2295.65
1559	85319011000	CAPACITOR 220V 50HZ 125W	1	188.00	4.9295	926.75
1560	85319011300	CAPACITOR 12,5 M.F.	1	36.00	3.2985	118.75
1561	85319011600	CAPACITOR 220V 50HZ 250W	1	5.00	3.8153	19.08
1562	85319012500	CAPACITOR 220V 50HZ 400W	1	369.00	7.8159	2884.07
1563	85319320140	INDICADOR OJO DE BUEY P/TABLER	1	7.00	0.0000 +	0.00
1564	85319521500	JABALINA DE CU P/PAT	1	5.00	0.0000 +	0.00
1565	85319720200	IGNITOR 50/400 W	1	655.00	7.2081	4721.31
1566	85320241200	LAMPARA ELCT.220V.25W.CASO.27	1	850.00	0.6918	588.03

ANEXO

MA

AK



Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Cantidades al: 31/08/94
Precios al: 31/07/94

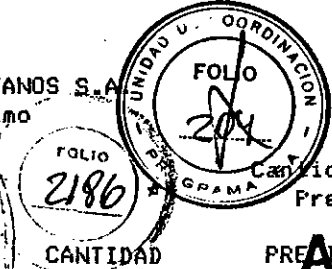
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1567	85320343100	LAMP.AMP/FORM PERA 220V 25W	1	0.00	1.6699	0.00
1568	85320343160	LAMP. DE 220V X 40 W	1	700.00	0.7690	538.30
1569	85320343210	LAMP. DE 220VX 60W	1	130.00	0.7810	101.53
1570	85320343310	LAMPARA 75 W 220 V	1	50.00	1.0026	50.13
1571	85320343410	LAMP/AMP/FOR/PERA 220V 100W	1	1450.00	0.8256	1197.12
1572	85320343900	LAMP COLOR CLARO 250V 200W	1	425.00	1.0294	437.50
1573	85320351150	LAMP/AMP/FOR/PERA 220V 300W	1	3350.00	2.7211	9115.69
1574	85320351170	LAMP.INCANDESCENTE 300W	1	2.00	0.0000 +	0.00
1575	85323081220	LAMP/A VAPOR SODIO 220V 400W	1	492.00	15.7555	7751.71
1576	85323540120	LAMP/VAP.MERCURIO 220V 125W	1	100.00	5.0663	506.63
1577	85323550250	LAMP.MERCURIO 220V 250W	1	695.00	8.0844	5618.66
1578	85323550400	LAMP/MERCUR AMP/BALON 220V400W	1	746.00	15.7966	11784.26
1579	85323552400	LAMP.VAPOR Hg.HALOG.400W	1	1.00	47.8845	47.88
1580	85324010500	LAMP/A VAP/SODIO 220V 70W	1	748.00	0.0000 +	0.00
1581	85324620100	LAMP.TUBU.LUZ DE DIA 220V 20W	1	660.00	1.5444	1019.30
1582	85324720100	TUBOS 30 W	1	1650.00	2.0592	3397.68
1583	85324820100	LAMP/TUB.LUZ DE DIA 220V 40W	1	810.00	1.3300	1077.30
1584	85330510500	FORTA LAMP.P.F/CANO DE 19mm.c/ma	1	36.00	7.7446	278.81
1585	85330520350	P/LAMPARAS ROSCA E-27, S/LLAVE	1	60.00	0.7668	46.01
1586	85332581000	TULIPAS DE PLASTICO RED.	1	16.00	0.0000 +	0.00
1587	85334560100	ART/P/ILUM/TORTUGA 180X140X280	1	16.00	27.7652	444.24
1588	85335510050	LINTERNA 2 ELEMENTOS 1,5V	1	0.00	15.4888	0.00
1589	85423041400	BATERIA 6 VOLT 140 AMP	1	0.00	0.0000 +	0.00
1590	85607710100	MANBRANA ASFALTICA ESPESOR 4MM	6	0.00	33.0859	0.00
1591	85610820200	FIBRA ROJA EN BARRA	4	43.20	0.1391 #	6.01
1592	85610820400	FIBRA ROJA REDONDA 1/2"	3	23.00	0.0000 +	0.00
1593	85611910210	CARTON PRENSADO ESP.0,2MM.	4	26.80	0.0000 +	0.00
1594	85611910260	PRESBAN 0,25MM	4	6.40	0.0000 +	0.00
1595	85611910310	PRESBAN 0,30MM	4	3.90	0.0000 +	0.00
1596	85611910410	CARTON PRENSADO ESP.0,4MM.	4	11.95	0.0000 +	0.00
1597	85611911020	PRESBAN 1MM	4	0.65	3.0516	1.98
1598	85612310110	CARTON LATEROIDE GRIS 0,10MM	4	9.75	0.0000 +	0.00
1599	85614010400	AISLANTE TIPO MYLAR EN ROLLOS	4	7.90	8.6499	68.33
1600	85614110600	ELEMIL 0,30MM	4	0.20	0.0000 +	0.00
1601	85614110800	ELEMIL 0,40MM	4	2.00	0.0000 +	0.00
1602	85615011200	CINTA DE ALGODON 13MM	3	400.00	0.0000 +	0.00
1603	85615011800	CINTA DE ALGODON	1	600.00	10.8332	6499.92
1604	85615012000	CINTA DE ALGODON 25MM	3	900.00	0.0000 +	0.00
1605	85615053500	CINT/AIS/TEX/BAR/AMARI/33MTS	1	50.00	16.0500	802.50
1606	85615054900	CINTA EMPIREX 19MM	3	230.00	0.0000 +	0.00
1607	85615410320	CINTA AISL.20MM.X 0,12MM.50MTs	1	50.00	41.0399	2052.00
1608	85616420100	TUBO AISL.DIAM.1MM.DE ALGODON	3	8.00	0.1002	0.80
1609	85616420200	TUBO AISL.DIAM.2MM.PARA 1000V.	3	13.00	0.2056	2.67
1610	85616420300	TUBO AISL.DIAM.3MM.DE ALGODON	3	22.00	0.2406	5.29
1611	85616420400	TUBO AISL.DIAM.4MM.P/1000V.	3	11.00	0.1619	1.78
1612	85616420800	TUBO AISL.DIAM.8MM.DE ALGODON	3	44.00	0.4010	17.64
1613	85616421000	TUBO AISLANTE	3	66.00	2.8449	187.76
1614	85616440200	ESPAGUETI DE VIDRIO 2 MM	3	2.00	2.0927	4.19
1615	85616440300	ESPAGUETI DE VIDRIO 3 MM	3	13.00	0.1391 #	1.81
1616	85616450400	FORRO TELA DE VIDRIO 4MM(TRAC)	3	18.00	0.0000 +	0.00
1617	85616530200	CORDON DE VIDRIO 2MM	3	90.00	0.0000 +	0.00
1618	85750110090	EMPAQUET.AMIANTO 9,5 MM	4	5.00	28.0736	140.37
1619	85750110220	EMPAQUET.AMIANTO 22,2 MM	4	7.50	28.3679	212.76
1620	85750110310	EMPAQUET. AMIANTO 71,7 MM	4	14.00	29.3389	410.74
1621	85750120060	EMPAQUET.GRAFITADA 6,3 MM	4	20.05	14.4330	289.38
1622	85750121070	EMPAQUETADURA DE AMIANTO	4	15.50	48.4287	750.64
1623	85750121090	AMIANTO 9,5	4	3.60	25.5570	92.01
1624	85750121110	EMPAQUET. GRAFITADA 11,1 MM	4	5.00	42.4253	212.13

ANEXO

AP

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Cantidades al: 31/08/94
Precios al: 31/07/94



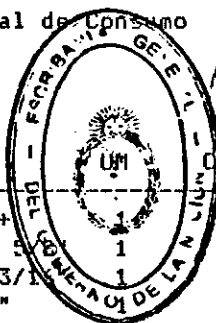
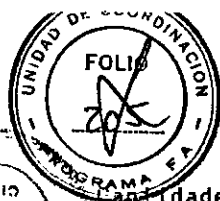
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	MONTE
1625	85750130060	EMPAQUET. GRAFITADA RETORC 6,3M	4	0.00	0.1391 #	0.00
1626	85750151090	EMPAQUETADURA AMIANTO PLANCHA	4	0.00	12.9528	0.00
1627	85750151120	EMPAQUET.AMIANT.PLAN.48X48"	4	0.00	10.2852	0.00
1628	85750152040	EMPAQUET.AMIANTO 9,4 MM ESP.	4	10.00	12.2056	122.06
1629	85750510150	EMPAQUET. CANAMO 1 "	4	0.00	0.1391 #	0.00
1630	85750510190	EMPAQUET. CANAMO 19,1 MM	4	0.00	0.1391 #	0.00
1631	85750510220	EMPAQUET. CANAMO 22,2 MM	4	0.00	0.1391 #	0.00
1632	85750520090	EMPAQUET. CANAM,0 9,5 MM	4	0.00	20.8580	0.00
1633	85805431300	VARILLAS S/AGUJA MADERA DURA	1	0.00	20.0526	0.00
1634	85820551140	AZUELA DE 4,5"	1	29.00	93.2079	2703.03
1635	85862012000	DESTORNILLADOR COMUN	1	0.00	26.5716	0.00
1636	85902961000	HORQUILLA P/POSTE ACERO	1	17.00	0.0000 +	0.00
1637	86000223050	ARCO DE SIERRA	1	1.00	21.0344	21.03
1638	86003010590	DESTORNILLADOR T PHILLIPS 5 MM	1	1.00	4.2471	4.25
1639	86005410710	CABO P/AZUELA DE 900MM	1	49.00	0.0000 +	0.00
1640	86005410790	CABO DE MADERA	1	0.00	18.5357	0.00
1641	86005413500	CABO GUADANA 1,3 M LARGO	1	87.00	9.2677	806.29
1642	86005414300	CABO PARA HACHA GRANDE	1	0.00	10.3025	0.00
1643	86005415760	CABO P ARA MARTILLO DE GUADANA	1	4.00	1.4291	5.72
1644	86005415900	CABO MARTILLO VIA 755 MM	1	1.00	9.4635	9.46
1645	86005416300	1	1	28.00	4.5719	128.01
1646	86005417000	MANGO CABO MADERA P/PALA Y-D	1	5.00	2.7171	13.59
1647	86005418050	CABO DE MADERA P/PICO DE 1000m	1	0.00	4.8397	0.00
1648	86006920010	PALAS	1	0.00	23.9523	0.00
1649	86007310100	PICO T/PUNTA Y PIZON	1	75.00	0.1391 #	10.43
1650	86007310230	PICO DE ACERO	1	35.00	69.7980	2442.93
1651	86391151280	BROCA HELACOI.A/R 6,30MM	1	2.00	42.6677	85.34
1652	86391152000	1	1	12.00	49.1768	590.12
1653	86450810750	LLAVE ENTRECARRAS 16 Y 17 mm.	1	0.00	12.0645	0.00
1654	86450810950	LLAVE ESTRIADA 17 Y 18 MM	1	0.00	7.0611	0.00
1655	86450811050	LLAVE ESTRI.ENTRECA.19 Y 20 mm	1	0.00	8.9283	0.00
1656	86450811070	LLAVE ESTRI.ENTRECA.21 Y22 mm.	1	2.00	10.5087	21.18
1657	86450811150	LLAVE ESTRIADA 22 Y 24 MM	1	0.00	18.7637	0.00
1658	86450811200	LLAVE ESTRI.ENTRECAR.23 Y 25mm	1	0.00	13.1108	0.00
1659	86450811700	LLAVE ESTRIADA 30 Y 32 MM	1	3.00	23.7904	71.37
1660	86450820100	LLAVE ESTRI.ENTREC.6,4y7,9 mm.	1	0.00	5.9213	0.00
1661	86450820200	LLAVE ESTRIADA	1	0.00	10.4647	0.00
1662	86450820300	LLAVES 12,7 Y 14,3PULGADA 5/8	1	0.00	10.3493	0.00
1663	86450820350	LLAVE ESTRIADA	1	0.00	14.4934	0.00
1664	86450820400	LLAVEW ESTRIADA	1	0.00	15.9940	0.00
1665	86455712000	LLAVE AJUSTABLE DE 610 mm	1	0.00	266.0807	0.00
1666	86531916000	SIERRA CIR.P/MAD.610X60X2,5MM	1	2.00	1.7710	3.54
1667	86535013500	HOJAS DE SIERRA	1	20.00	0.0000 +	0.00
1668	86550310200	RULEMAN 7210	1	1.00	0.0000 +	0.00
1669	86550513250	RODAMIEN 6205	1	2.00	6.8579	13.72
1670	86550513290	RODAMIENTO 6209-SKF	1	2.00	20.2900	40.58
1671	86550513320	RODAMIENTO 6212-SKF	1	2.00	35.2477	70.50
1672	86550513340	RODAMIEN STEYR 6214	1	5.00	31.5133	157.57
1673	86550514150	RODAMIENTO 6205-2Z-SKF	1	2.00	0.0000 +	0.00
1674	86550514170	RODAMIENTO 6207 ZZ	1	1.00	0.0000 +	0.00
1675	86550514180	RODAMIENTO 6208-2Z-SKF	1	3.00	15.0588	45.18
1676	86550515390	RODAMIENTO 6309 SKF	1	1.00	31.8935	31.89
1677	86550515440	ROD.1HIL.BOLAS 70X150X35MM+	1	5.00	106.6761	533.38
1678	86550515450	RODAMIENTO 6315 SKF	1	1.00	0.0000 +	0.00
1679	86550516440	ROD.1 HIL.BOLAS 70 X150 X 35MM	1	2.00	67.9279	135.86
1680	86550516660	RODAMIEN 6306ZZ	1	1.00	0.0000 +	0.00
1681	86550516670	RODAMIEN 6307ZZ	1	2.00	17.7547	35.51
1682	86550517120	RODAMIENTO 6302/2RS SKF	1	1.00	10.6269	10.63

ANEXO

AD

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Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1683	86550517140	ROD.1HIL.BOLAS 20X52X15MM+	1.00	9.5997	9.60
1684	86550520380	ROD.1 HIL.BOL.1 X 2.1/4 X 5	2.00	0.1391 #	0.28
1685	86550521290	ROD.RIG.1.1/8"X2.13/16"X13/16"	4.00	53.8415	215.37
1686	86550521300	ROD.RIG.1.1/4"X3.1/8"X7/8"	1.00	0.1391 #	0.14
1687	86550521310	ROD.RIG.1.3/8"X3.1/2"X7/8"	1.00	37.3633	37.36
1688	86550521380	ROD.RAD.RIG.2.1/4"X5"X1.1/4"	1.00	0.1391 #	0.14
1689	86551013550	RODAMIENTO 1305 SKF	1.00	35.5581	35.56
1690	86552213110	RODAMIENTO SKF NU 311	1.00	190.5623	190.56
1691	86552213150	ROD.1 HIL.ROD.CIL.75X160X37MM.	3.00	167.0389	501.12
1692	86552521110	ROD.1H.R.CIL.1.3/8X3.1/2X7/8"	3.00	268.8830	806.65
1693	86552521130	ROD.1H.RODI.CIL.1.5/8X4X15/16"	2.00	111.4211	222.84
1694	87709011520	PINZA PORTAELECTRODO	1.00	31.1384	0.00
1695	88867100010	MOTOR ISUZU	1.00	0.0000 +	0.00
1696	88867110730	JUNTA TAPON DE CARTER	2.00	0.0000 +	0.00
1697	88867130590	ARANDELA DE LANZA	20.00	0.0000 +	0.00
1698	88867130630	ARANDELA P/DEFENSOR DE LANZA	20.00	0.0000 +	0.00
1699	88867130830	PERNO	1.00	0.0000 +	0.00
1700	88867130890	ENSAMBLE P/ELEM.FILTRO COMBUST	3.00	0.0000 +	0.00
1701	88867130990	TORNILLO P/CAJA	1.00	0.0000 +	0.00
1702	88867131190	ENSAMBLE DE VALVULA	2.00	0.0000 +	0.00
1703	88867140510	CONJUNTO JUNTAS DE REPARACION	2.00	0.0000 +	0.00
1704	88867140730	ELEMENTO FILTRO DE ACEITE	25.00	0.0000 +	0.00
1705	88867140790	CONJUNTO FILTRO DE ACEITE	1.00	0.0000 +	0.00
1706	88867140990	EMPAQUETADURA DEL CIGUENAL	2.00	0.0000 +	0.00
1707	88867150510	TERMOSTATO RW-SW	4.00	0.0000 +	0.00
1708	88867150590	JUNTA DE TERMOSTATO RW	2.00	0.0000 +	0.00
1709	88867150630	EQUIPO DE REP.BOMBA DE AGUA SW	4.00	0.0000 +	0.00
1710	88867150790	KIT BOMBA DE AGUA RW-SW	4.00	0.0000 +	0.00
1711	88867150930	TUBO SALIDA DE AGUA RW	1.00	0.0000 +	0.00
1712	88867161330	RESISTENCIA DE CONTROL SW	1.00	0.0000 +	0.00
1713	88867161430	TORNILLO ESPECIAL RW-SW	2.00	0.0000 +	0.00
1714	88867161490	BUJIA DE CALENTAMIENTO	2.00	0.0000 +	0.00
1715	88867161530	VALVULA MAGNETICA	2.00	0.0000 +	0.00
1716	88867180510	TAPA P/FILTRO DE ACEITE SW	1.00	0.0000 +	0.00
1717	88867180790	CONJUNTO P/MOTOR SW-RW	1.00	0.0000 +	0.00
1718	88867180890	VENTILADOR DE 6 PALAS	1.00	0.0000 +	0.00
1719	88891010070	GUARDAPOLVO-EJE	4.00	0.0000 +	0.00
1720	88891011550	BURLETE P/VENTANA RW	1.00	0.0000 +	0.00
1721	88891011610	VIDRIO DE VENTANA	3.00	0.0000 +	0.00
1722	88891011630	VIDRIO DE VENTANA	2.00	0.0000 +	0.00
1723	88891011670	CONJUNTO VENTANA ACC.VERTICAL	3.00	0.0000 +	0.00
1724	88891011810	VIDRIO P/VENTANA	18.00	0.0000 +	0.00
1725	88891011830	BURLETE VENTANA	1.00	0.0000 +	0.00
1726	88891030310	CARDAN	1.00	0.0000 +	0.00
1727	88891030330	CARDAN	1.00	0.0000 +	0.00
1728	88891030350	CARDAN	1.00	0.0000 +	0.00
1729	88891030390	SOPORTE DE GOMA FRONTAL	6.00	0.0000 +	0.00
1730	88891030530	JUNTA	6.00	0.0000 +	0.00
1731	88891030570	JUNTA	6.00	0.0000 +	0.00
1732	88891030610	CARDAN	1.00	0.0000 +	0.00
1733	88891031010	EMPAQUETADURA	12.00	0.0000 +	0.00
1734	88891031030	EMPAQUETADURA	13.00	0.0000 +	0.00
1735	88891031090	EMPAQUETADURA	12.00	0.0000 +	0.00
1736	88891031130	JUNTA	6.00	0.0000 +	0.00
1737	88891031170	JUNTA	6.00	0.0000 +	0.00
1738	88891031190	ARO	12.00	0.0000 +	0.00
1739	88891031270	JUNTA	12.00	0.0000 +	0.00
1740	88891031430	ARANDELA	24.00	0.0000 +	0.00

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

UNIDAD U. COORDINACION
FOLIO 206
Página 31
Cantidad: 31
Fecha: 10/07/94
ANEXO

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1741	88891031470	JUNTA	1	0.0000 +	0.00
1742	88891031510	RETEN	1	0.0000 +	0.00
1743	88891031530	JUNTA	1	0.0000 +	0.00
1744	88891031550	JUNTA	1	0.0000 +	0.00
1745	88891031590	JUNTA	1	0.0000 +	0.00
1746	88891031610	JUNTA	1	0.0000 +	0.00
1747	88891050790	VALVULA SOLENOIDE	1	0.0000 +	0.00
1748	88891050990	VALVULA TRIPLE	1	0.0000 +	0.00
1749	88891051030	FILTRO DE AIRE	1	0.0000 +	0.00
1750	88891051090	COLECTOR DE POLVO CENTRIFUGO	1	0.0000 +	0.00
1751	88891051230	GRIFO CODO 1"	1	0.0000 +	0.00
1752	88891051390	GRIFO DE CORTE 1"	1	0.0000 +	0.00
1753	88891051490	VALVULA DE SEGURIDAD DE ALTA	1	0.0000 +	0.00
1754	88891051590	VALVULA DE FRENO D-3	1	0.0000 +	0.00
1755	88891051730	GRIFO DE CORTE 1/2"	1	0.0000 +	0.00
1756	88891051830	FILTRO DE AIRE 3/8"	1	0.0000 +	0.00
1757	88891052130	FILTRO DE AIRE 120MM	1	0.0000 +	0.00
1758	88891070470	VALVULA CONTROL GRUA	1	0.0000 +	0.00
1759	88891070490	VALVULA RETENCION DE ALIMENTAC	1	0.0000 +	0.00
1760	88891071090	VALVULA SOLENOIDE	1	0.0000 +	0.00
1761	88891071130	VALVULA DE ALIVIO	1	0.0000 +	0.00
1762	88891071170	VALVULA DE ALIVIO	1	0.0000 +	0.00
1763	88891071210	VALVULA DE RETENCION SUCCION	1	0.0000 +	0.00
1764	88891071290	VALVULA DE MAND	1	0.0000 +	0.00
1765	88891071510	GUARDAPOLVO	1	0.0000 +	0.00
1766	88891071530	EMPAQUETADURA	1	0.0000 +	0.00
1767	88891071590	EMPAQUETADURA	1	0.0000 +	0.00
1768	88891071610	ARO POSTERIOR	1	0.0000 +	0.00
1769	88891071670	EMPAQUETADURA P/TAPA DE CILIND	1	0.0000 +	0.00
1770	88891071730	ARO LIMPIANTE DEL VASTAGO	1	0.0000 +	0.00
1771	88891071790	ARO POSTERIOR	1	0.0000 +	0.00
1772	88891072010	ARO POSTERIOR	1	0.0000 +	0.00
1773	88891072570	EMPAQUETADURA	1	0.0000 +	0.00
1774	88891072630	ARO POSTERIOR	1	0.0000 +	0.00
1775	88891073010	BOMBA HIDRAULICA	1	0.0000 +	0.00
1776	88891073130	VALVULA DE ALIVIO	1	0.0000 +	0.00
1777	88891073170	FILTRO DE LINEA	1	0.0000 +	0.00
1778	88891073250	VALVULA SOLENOIDE	1	0.0000 +	0.00
1779	88891073430	VALVULA SOLENOIDE	1	0.0000 +	0.00
1780	88891073490	VALVULA DE CONTROL	1	0.0000 +	0.00
1781	88891073830	VALVULA DE ALIVIO	1	0.0000 +	0.00
1782	88891073890	VALVULA DE CONTROL	1	0.0000 +	0.00
1783	88891073950	FILTRO DE SUCCION	1	0.0000 +	0.00
1784	88891073970	JUNTA	1	0.0000 +	0.00
1785	88891074050	VALVULA DE FRENO	1	0.0000 +	0.00
1786	88891074230	MOTOR HIDRAULICO	1	0.0000 +	0.00
1787	88891074290	CILINDRO HIDRAULICO	1	0.0000 +	0.00
1788	88891074430	CILINDRO HIDRAULICO	1	0.0000 +	0.00
1789	88891075010	CABLE DE CONTROL	1	0.0000 +	0.00
1790	88891075390	CASQUILLO	1	0.0000 +	0.00
1791	88891075490	MANIVELA	1	0.0000 +	0.00
1792	88891075530	MANIVELA	1	0.0000 +	0.00
1793	88891075590	RODILLO GUIA	1	0.0000 +	0.00
1794	88891092050	INDICADOR CALENTAMIENTO MOTOR	1	0.0000 +	0.00
1795	88891092350	FLEXIBLE P/TACOMETRO	1	0.0000 +	0.00
1796	88970710310	PAPEL CARBONICO 1 FAZ 280X400	1	0.3092	0.00
1797	89100511000	PLOMO CALID. NEFA9-GRAD.C 99,9	4	6.6818	0.00
1798	89101525050	PLOMO PURO EN LINGOTE	4	4.9786	348.50

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Emisión: 10/11/94

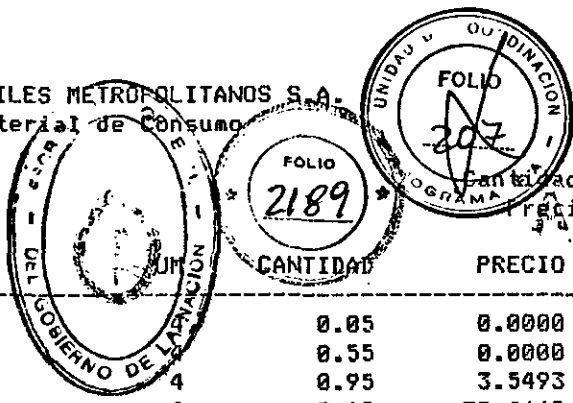
FERROCARRILES METROPOLITANOS S.A.

Material de Consumo

Página: 32

Línea : 21 ROCA

Almacén: 213407 V. Y O. PLAZA C.



Validades al: 31/08/94
Fecha: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1799	89110171000	ARANDELAS 1/8	0.05	0.0000 +	0.00
1800	89110171100	ARANDELAS GROVER 5/32	0.55	0.0000 +	0.00
1801	89110171150	ARANDELAS 3/8	4	0.95	3.5493
1802	89110171300	ARANDELA 3/16	4	0.10	72.4665
1803	89110171500	ARANDELAS PLANAS 1/4	4	1.75	92.8665
1804	89110171550	ARANDELAS 1/4.	4	0.10	0.0000 +
1805	89110171750	ARANDELAS 5/16	4	0.05	3.5493
1806	89110310200	ARANDELA PLANAS REDONDAS	4	0.35	3.5092
1807	89110310300	ARANDELA PLANA REDONDA	4	3.60	3.5493
1808	89110310400	ARANDELA PLA/RED P/TUERC EXAGO	4	6.15	3.6452
1809	89110310500	ARANDELA PLANA 19,5X35MM	4	0.00	3.5493
1810	89110310600	ARAND.PLANA P/T.D.INT.25MM 45M	4	0.00	3.5493
1811	89110310700	ARANDELA	4	10.00	3.6452
1812	89123331410	BULON CAB.PERD.12,7X1"X63mm.	4	4.00	2.0052
1813	89123331500	BULON NOMINAL12,7X1"XLONG.90mm	4	0.00	3.5493
1814	89123331560	BULONES CAB.PER.CUELLO CUAD.	4	1.00	7.1694
1815	89123331980	BULON CABEZA PERDIDA 15,8X50	4	1.00	15.3245
1816	89123332040	BULON CABEZA PERDIDA 15,8X76	4	2.50	10.8992
1817	89123332100	BULONES 15.8MMX5.8"	4	0.00	2.0052
1818	89123332190	BULONES 15.8MMX5/8"X125MM	4	3.00	9.7878
1819	89123333330	BULONES 22.2MMX7/8"X100MM	4	2.00	0.1391 #
1820	89126131710	BULON12.7MMX1/2"X63MM	4	19.00	6.9560
1821	89126131860	BULONES 12.7MMX1/2"X125MM	4	0.00	9.9694
1822	89126131920	BULON CAB. REDONDA DE 12,7x125	4	40.00	5.0131
1823	89126131950	BULON CABEZA REDONDA 12,7X175	4	12.00	9.1649
1824	89126530930	BULONNESS 1/4 x 2 1/2"	4	0.20	0.0000 +
1825	89126531230	BULON C/REDONDA DE 5/15x2"	4	0.10	3.6039
1826	89126531350	BULONES 5/16 X 3"	4	0.30	0.0000 +
1827	89126531380	BULONES	4	5.00	4.6338
1828	89126531650	BULONES CABEZA REDONDA	4	0.45	4.6338
1829	89128530810	BULONES CAB.EX.LONG.NOM.6,3mm.	4	0.00	3.4590
1830	89128530930	BULONES CAB.EXAG.LONG.NOM.63mm	4	0.00	2.9076
1831	89128531410	1	4	0.00	5.0131
1832	89128531590	BULON DE 5/16 X 3"	4	7.00	3.3086
1833	89128531650	BULON CAB.EXAG.7,9X100MM	4	9.00	3.5525
1834	89128531890	BULONES CAB.EXAG.LONG.25mm.	4	7.90	3.4892
1835	89128531950	BULONES CAB.EXAG.LONG.38mm.	4	0.00	3.5834
1836	89128532010	BULONES CAB.EXAG.LONG.50mm.	4	6.00	3.5834
1837	89128532130	BULONES CAB.EXAG.LONG.76mm.	4	2.00	2.6977
1838	89128532310	BULONES DE 3/8" LONG.140mm.	4	20.00	4.3113
1839	89128532330	BULONES CAB.EXAG.LONG.175mm.	4	30.00	4.3113
1840	89128532840	BULON CABEZA Y TUERCA EXAGONAL	4	3.00	4.3212
1841	89128532900	BULONES CAB.EXAG.LONG.125mm.	4	10.00	4.4690
1842	89128532930	BULONES CAB.Y TUERCA EXAG.	4	2.50	3.6452
1843	89128532960	BULONES CAB.EXAG.LONG.155mm.	4	28.00	4.5118
1844	89128533020	BULONES CAB.EXAG.LONG.200mm.	4	137.00	4.4278
1845	89128533110	BULONES CABEZA Y TUERCA EXAGON	4	29.00	4.3762
1846	89128533440	BULONES CAB.EXAG.LONG.38mm.	4	6.00	4.1188
1847	89128533530	BULON CABEZA Y TUERCA EXAGONA,	4	0.00	2.5742
1848	89128533560	BULONES CAB.EXAG.LONG.63mm.	4	6.00	2.5742
1849	89128533620	BULONES CAB.EXAG.LONG.76mm.	4	19.00	4.0777
1850	89128533680	BULONES CAB.EXAG.LONG.90mm.	4	1.50	2.6977
1851	89128533710	BULONES CAB.EXAG.LONG.100mm.	4	3.50	4.4278
1852	89128533740	BULONES CAB.EXAG.LONG.110mm.	4	4.00	2.7493
1853	89128533770	BULONES CAB.EXAG.LONG.125mm.	4	13.00	4.4278
1854	89128533920	BULONES CABEZA Y TUERCA EXAGON	4	4.00	4.3113
1855	89128534310	BULONES CAB.EXAG.LONG.38mm.	4	25.00	1.0026
1856	89128534340	BULON	4	10.50	2.8007

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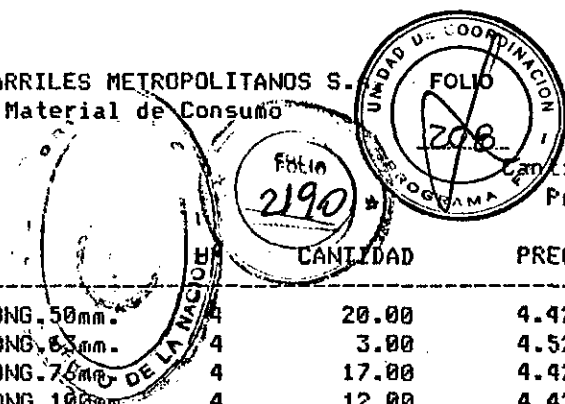
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.
Material de Consumo

Página: 33

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.

Cantidades al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	MONTO
1857	89128534370	BULONES CAB.EXAG.LONG.50mm.	20.00	4.4278	88.56
1858	89128534430	BULONES CAB.EXAG.LONG.50mm.	3.00	4.5204	13.56
1859	89128534490	BULONES CAB.EXAG.LONG.75mm.	17.00	4.4278	75.27
1860	89128534580	BULONES CAB.EXAG.LONG.100mm.	12.00	4.4278	53.13
1861	89128534640	BULONES CAB.EXAG.LONG.125mm.	43.00	4.4278	190.40
1862	89128534700	BULONES CAB.EXAG.LONG.155mm.	107.00	4.3113	461.31
1863	89128534730	BULONES CAB.EXAG.LONG.175mm.	8.00	4.4278	35.42
1864	89128535330	BULONES CAB.EXAG.LONG.50mm.	1.00	2.0052	2.01
1865	89128535390	BULONES CAB EXAG.LONG.63mm.	23.00	4.6645	107.28
1866	89128535450	BULONES CAB.EXAG.LONG.76mm.	40.00	4.6645	186.58
1867	89128535600	BULONES CAB.EXAG.LONG.125mm.	30.00	4.6645	139.94
1868	89128535630	BULONES CAB.EXAG.7/8"- 9HILOS	65.00	4.6645	303.19
1869	89128535660	BULONES CAB.EXAG.LONG.155mm.	29.00	4.2611	123.57
1870	89128535720	BULONES CAB.EXAG.LONG.200mm.	77.00	5.0131	386.01
1871	89128535750	BULONES CAB EXAG.LONG.225mm.	70.00	5.0131	350.92
1872	89128535780	BULONES CAB EXAG.LONG.250mm.	16.50	5.0131	82.72
1873	89128535810	BULON CABEZA Y TUERCA EXAGONAL	70.00	5.0131	350.92
1874	89128535840	BULON CABEZA Y TUERCA EXAGONAL	0.00	5.0131	0.00
1875	89128535930	BULONES ancho22,2X380mm.largo	69.00	3.9749	274.27
1876	89128535960	BULON ANCHO 22,2X405MM.LARGO	131.50	3.9749	522.70
1877	89128536500	BULONES CAB.EXAG.LONG.110mm.	21.00	5.0131	105.28
1878	89129933450	BULONES DE 1/2 x 6 1/2"	117.00	0.1391 #	16.27
1879	89129933510	BULON 12,7 X190MM	50.00	0.1391 #	6.96
1880	89129934620	BULONES DE 3/4" X 8"	16.00	5.0131	80.21
1881	89129934710	BULONES	4.00	5.1102	20.44
1882	89129934980	BULON 22,2 X165MM	45.75	25.4498	1164.33
1883	89129935130	BULON 22,2X222MM	30.00	0.0000 +	0.00
1884	89129935150	BULON 22,2X241MM	205.00	0.0000 +	0.00
1885	89129935480	BULON 22,2 X521MM	86.00	0.1391 #	11.96
1886	89161013850	BULONES (CAB.RED)1/4"X1/2"	3.15	0.1391 #	0.44
1887	89161013900	ROBLONES PULG. 1/4 LONG.16MM.	190.00	0.1391 #	26.43
1888	89161014200	ROBLONES	1100.00	0.1391 #	153.01
1889	89161713050	ROBLONES DE 5/32"X7MM	8.00	12.7536	102.03
1890	89161713450	REMACHES 1/2 x 3/16"	17.00	0.1391 #	2.36
1891	89161714000	ROBLONES PULG.1/4 LONG.13MM.	3.50	0.1391 #	0.49
1892	89161714100	ROBLONES DE 1/4" X 19MM	14.00	5.2394	73.35
1893	89161714200	REMACHES DE 1 x 1/4"	26.50	5.2394	138.84
1894	89161714300	REMACHES H CAB.RED.6,5X38MM	16.00	3.6039	57.66
1895	89161715300	ROBLONES DE 3/8" X 25MM	3.50	0.1391 #	0.49
1896	89161715400	ROBLONES DE 3/8" X 38MM	4.50	0.1391 #	0.63
1897	89161715500	ROBLONES CAB.RED.3/8" 50mm.	5.00	0.1391 #	0.70
1898	89161716850	ROBLONES PULG.5/8 LONG.50MM.	8.00	3.9450	31.56
1899	89161718450	ROBLONES DE 7/8" X 56MM	10.00	0.1391 #	1.39
1900	89166811600	ROBLONES PULG.3/16 LONG.10mm.	1.50	6.5746	9.86
1901	89167015250	ROBLONES DE 1/8" X 6MM	3.50	0.1391 #	0.49
1902	89167015800	ROBLONES DE 5/32" X 7MM	20.00	0.1391 #	2.78
1903	89190113000	TIRAFOND. DIAM.9,5X125mm.LARGO	133.00	0.9950	132.34
1904	89190113250	TIRAFONDO 12,5X63MM	540.00	1.0288	555.55
1905	89190113300	TIRAFONDO 2 3/4 X 1/2"	200.00	0.9539	190.78
1906	89190124700	TIRAFONDO C/CUAD.19X100MM	20.00	0.6176	12.35
1907	89200512900	TORNILLOS P/MADERA 30mm.	0.00	0.1091	0.00
1908	89200513100	TORNILLOS FERREOS CAB.PERDIDA	0.00	0.3007	0.00
1909	89200513150	TORNILLO P/MADERA N 22-65 FUNG	0.00	0.0000 +	0.00
1910	89200513300	TORNILLO P/MADERA 5X80MM	600.00	0.0000 +	0.00
1911	89200514100	TORNILLO P/MADERA PULIDO 40mm.	368.00	0.0170	6.26
1912	89200514200	TORNILLOS	364.00	0.1504	54.75
1913	89200514600	TORNILLOS DIAM. 6,5X25MM LARGO	790.00	0.0200	15.80
1914	89200515450	TORNILLOS	165.00	0.1391 #	22.95

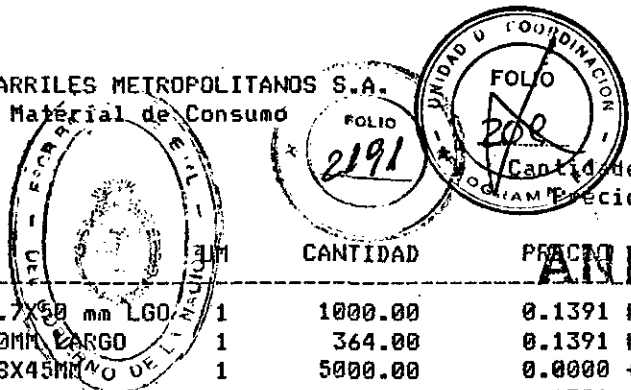
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 34

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



des al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1915	89200515500	TORNILLO P/MAD.C/P. 7x60 mm LGO.	1	1000.00	0.1391 # 139.10
1916	89200515900	TORNILLOS DIAM.8X30MM LARGO	1	364.00	0.1391 # 50.63
1917	89200516050	TORNILLO P/MADERA 8X45MM	1	5000.00	0.0000 + 0.00
1918	89200516100	TORNILLO 8 X 50MM	1	45.00	0.1391 # 6.26
1919	89200912750	TORNILLO P/MADERA 6X55MM	1	750.00	0.0000 + 0.00
1920	89209915750	TORNILLO P/MADERA 6X100MM	1	900.00	0.0000 + 0.00
1921	89210513750	BULON 5,5 x 60 mm.	1	25.00	0.1391 # 3.48
1922	89210922309	TORN.BRONCE P/MAD.C.FRES.5X60M	1	112.00	0.0000 + 0.00
1923	89210941250	TORN.BRONCEP/MAD.C.RED.1/4X25M	1	44.00	0.0000 + 0.00
1924	89219914509	TORN.HIERRO P/MAD.C.FRES.7X85M	1	3120.00	0.0000 + 0.00
1925	89220111000	TORNILLO HIERRO 1/8X1.1/2"	1	0.10	0.0255 0.00
1926	89220111290	TORNILLOS CAB.RED.50mm..	1	0.22	0.0000 + 0.00
1927	89220111670	TORN.HIERRO CAB.RED. 5/32X38MM	1	463.00	0.0000 + 0.00
1928	89220111700	TORNILLO 5/32X1 3/4"	1	0.25	0.1391 # 0.03
1929	89220111960	TORNHIERRO.CAB.RED.3/16X1/4"	4	0.05	0.0000 + 0.00
1930	89220112000	TORNILLOS FERREOS P/METAL 25mm	1	0.60	0.0300 0.02
1931	89220112170	TORNILLOS FERREOS CAB.RED.50mm	1	0.95	0.1391 # 0.13
1932	89220112660	TORNILLO DIAM.6,35X13mm.LARGO	1	1.40	0.0510 0.07
1933	89220112750	TORNILLOS ROSCA W LONG.25mm.	1	0.45	0.1504 0.07
1934	89220112810	TORN.HIERRO CAB.RED.1/4X3/4"	1	0.93	0.1391 # 0.13
1935	89220112870	TORNILLOS P/METAL CAB.RED.50mm	1	0.59	0.0301 0.02
1936	89220113250	TORNILLO FERREO P/METAL 38mm.	1	484.00	0.1026 49.66
1937	89220311230	TORN.HIERRO CAB.FRES.1/8X25 MM	1	303.00	0.1391 # 42.15
1938	89220311670	TORNILLOS CAB.PERD.RAN.25mm.1	1	0.05	0.3509 0.02
1939	89220312720	TORNILLO DIAM.6,35 X 198mm.LON	1	0.53	0.0400 0.02
1940	89220312780	TORNILLOS	1	312.00	0.1026 32.01
1941	89220312819	TORNILLO 1/4X1/4"	4	0.85	0.0100 0.01
1942	89220312900	TORNILLOS	1	389.00	0.4013 156.11
1943	89220313160	TORNILLO P/MADERA 7,94X13MM	1	1500.00	0.0100 15.00
1944	89220313660	TORNILLO P/MADERA 9,50X19MM	1	2640.00	0.0100 26.40
1945	89220313720	TORNILLOS FERREOS	1	2700.00	0.1203 324.81
1946	89229913310	TORN.HIERRO CAB.FRES.5/32X25 M	1	201.00	0.0000 + 0.00
1947	89230312600	TORNILLOS DIAM.6,35X25MM LARGO	1	423.00	0.2628 111.16
1948	89230312750	TORN.BRONCE(CABFRES)1/4X2"	4	0.60	0.0000 + 0.00
1949	89287610010	HERBICIDA	5	1600.00	5.5604 8876.64
1950	89291910400	CABO FIBRA FORMIO DE 6MM	4	0.00	10.4597 0.00
1951	89331150050	BAND.AMARILL/NEGRA-255X300mm	1	10.00	2.4417 24.42
1952	89331250100	BANDERA ROJA 300X460 mm	1	30.00	3.1921 95.76
1953	89331350050	BANDERA VERDE 255X300 mm	1	12.00	3.0914 37.10
1954	89340121200	LIMA PLANA 250mm.LARGO	1	0.00	34.0322 0.00
1955	89340341200	LIMA CUADRADA C/FINO 250 MM.L.	1	0.00	16.6931 0.00
1956	89340621200	LIMA MEDIA CANA 253,9 mm.	1	0.00	33.4108 0.00
1957	89340641100	LIMA ESCOF.COORTE FINO 150MM	1	0.00	13.9104 0.00
1958	89340741050	LIMA ESCOF.COORTE FINO 125MM	1	1.00	7.3734 7.37
1959	89994530400	CODO GALVANIZADO 90o 3"	1	9.00	1.6851 15.17
1960	89994530420	CODO DOBLE 3" X 18	1	3.00	0.1391 # 0.42
1961	89994530450	CODO DOBLE 4" X 2"	1	51.00	0.1391 # 7.09
1962	89994530460	CODO DOBLE 3" X 24"	1	21.00	0.1391 # 2.92
1963	89994530470	CODO DOBLE 4" X 27	1	19.00	0.1391 # 2.64
1964	89994530520	CODO P/DESAGUE DE 3"	1	370.00	0.1391 # 51.47
1965	89994530530	CODO P/DESAGUE DE 4"	1	150.00	0.1391 # 20.87
1966	89994540060	CANO DE HO	1	2.00	0.1391 # 0.28
1967	89998619330		1	0.00	0.0000 + 0.00
1968	89998619340		1	0.00	0.0000 + 0.00
1969	89998619350		1	0.00	0.0000 + 0.00
1970	89998619360		1	0.00	0.0000 + 0.00
1971	89998619370		1	0.00	0.0000 + 0.00
1972	89998619380		1	0.00	0.0000 + 0.00

ANEXO

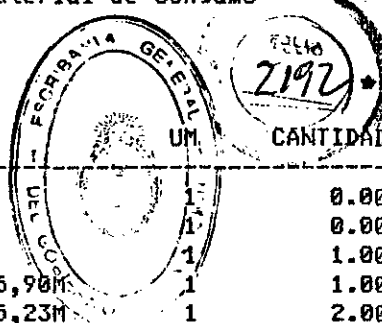
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 35

Línea : 21 ROCA
Almacén: 213407 V. Y O. PLAZA C.



Cantidades al: 31/08/94
M.D. de fecha: 07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1973	89998619390			0.00	0.0000 +	0.00
1974	89998619400			0.00	0.0000 +	0.00
1975	89999619180	CRUZ OP 1:8 U.36	1	1.00	0.0000 +	0.00
1976	89999619190	CRUZ AGUDO 1:10 U36 5,90M	1	1.00	0.0000 +	0.00
1977	89999619200	CRUZ AGUDO 1:10 U36 5,23M	1	2.00	0.0000 +	0.00
1978	89999619210	CRUZ AGUDO 1:8 U36 5,90M	1	1.00	0.0000 +	0.00
1979	89999619220	RIEL CONTRAAGUJA U36 8,05M	1	4.00	0.0000 +	0.00
1980	89999619230	RIEL Y CONTRARIEL U36 7,32Y 4M	1	4.00	0.0000 +	0.00
1981	89999619240	RIELY CONTRARIEL U36 15,80 4M	1	7.00	0.0000 +	0.00
1982	89999619250	RIEL Y CONTRARIEL U36 5,23 4M	1	5.00	0.0000 +	0.00
1983	89999619260	RIEL Y CONTRARIEL U36 3 Y 4M	1	2.00	0.0000 +	0.00
1984	89999619270	CONTRARIEL U36 4M	1	14.00	0.0000 +	0.00
1985	89999619280	CONTRARIEL U36 AGUJ.14,47 M	1	14.00	0.0000 +	0.00
1986	89999619290	RIEL Y CONTRIEL 85LBS 6,132,80	1	1.00	0.0000 +	0.00
1987	89999619300	RIEL CONTRAAGUJA 85LBS 5,78M	1	1.00	0.0000 +	0.00
1988	89999619310	RIEL Y CONTRARIEL 100LBS 6,96	1	1.00	0.0000 +	0.00
1989	89999619320	SUPLEM.F/TACO DE 4 AGUJAS	1	0.00	0.0000 +	0.00
1990	89999619330	TIRAFONDO F/COJINETE 22X128MM	1	0.00	0.0000 +	0.00
1991	89999619340	BULON P/CRUZAM.CAB.CUAD.380X22	1	0.00	0.0000 +	0.00
1992	89999619350	BULON P/CRUZAM.CUAD.25,4X430MM	1	0.00	0.0000 +	0.00
1993	89999619360	BULON P/CRUZAM.CUAD.25,4X460MM	1	0.00	0.0000 +	0.00
1994	89999619370	BULON P/CRUZAM.CUAD.22X385MM	1	0.00	0.0000 +	0.00
1995	89999619380	SILLETA LAMIN U36 3AGUJ.21X17	1	0.00	0.0000 +	0.00
1996	89999619390	CLEPE CEPILL.F/AISL.	1	0.00	0.0000 +	0.00
1997	89999619400	SILLETA UIC60 VARIAS MED.4 AGU	1	0.00	0.0000 +	0.00
1998	89999772440	RAMAL 45 GDOS MAT.VITREO	1	35.00	0.0000 +	0.00
1999	89999961033	TIRAFONDO DE 6" X1/2"	1	998.00	0.1391 #	138.82
2000	97000030000	ARANDELA GOWER 29x92x9x7,3	1	79.00	0.3600	28.44
2001	97000040000	ARANDELA PLANA P/BULON 25,4	1	0.00	0.8028	0.00
2002	97000180001	BULON CUAD.S/TUERCA 25,4X130MM	1	0.00	3.0079	0.00
2003	97000260000	ECLISA 49,6"K/M 4 AGUJEROS	1	30.00	39.3696	1181.09
2004	97000350005	SILLETAS ASIEN(TO) (SHF)	1	14.00	0.0000 +	0.00
2005	97000580001		1	0.00	7.8382	0.00
2006	97000630000	ARANDELAS GROWER DE 21mm.	1	400.00	0.3293	131.72
2007	97000940001	BULON CUAD.T/EXAG.25,4X90MM	1	0.00	2.3682	0.00
2008	97001060000	BARRA AGUJA DE 49,61K/MTS	1	0.00	8.4513	0.00
2009	97001490001	BULON P/CRUZ.C/EXAG.203X22,7MM	1	175.00	6.3361	1108.82
2010	97001760001	PERNOS ENG.P/BAQUETAS	1	0.00	0.1391 #	0.00
2011	97002250000	BULON P/CAMBIO DE 25,4x229mm.	1	6.00	4.1188	24.71
2012	97002250001	BULON P/ECLISA 25,4X230MM	1	0.00	4.1188	0.00
2013	97003780000	BULONES	1	0.00	5.0131	0.00
2014	97003790000	BULON DE 25,4x317 mm.	1	136.00	9.4116	1279.98
2015	97003890000	BULON 25,4x413MM	1	5.00	13.8995	69.50
2016	97004620001	BULON P/CRUZAM.EXAG.25,4X185MM	1	397.00	0.0000 +	0.00
2017	97004950000	BULON 22,2 x 279 mm.	1	0.00	13.1541	0.00
2018	97005300001	TACOS P/CONTRARIEL 100LBS.	1	0.00	2.3682	0.00
2019	97005430001	CONTRARIEL 100 BS DE 3,658	1	16.00	200.5261	3208.42
2020	97006270003	CONTRARIEL 100LBS.3,65 MTS	1	2.00	0.0000 +	0.00

Subtotal Almacén 3137272.72

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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

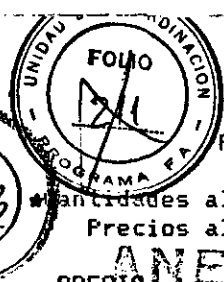
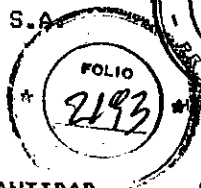
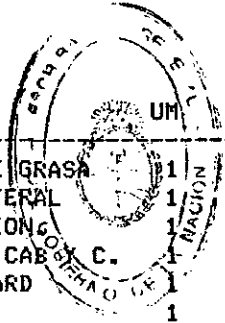
Emisión: 10/11/94

Página: 1

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

* Cantidades al: 31/08/94
Precios al: 31/07/94

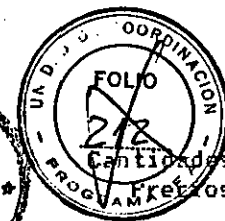
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1	00810114630	TAPA COMP. LLENADOR DE GRASA	1	0.00	28.6650		0.00
2	00820223070	VIDRIO P/VENT.FIJA LATERAL	1	0.00	6.6173		0.00
3	00830202170	JUNTA DE TAPA INSPECCION	1	0.00	1.4037		0.00
4	00830206220	JUEGO DE JUNTAS ENTRE CABOS C.	1	0.00	86.2988		0.00
5	00830305630	PISTON CON AROS STANDARD	1	0.00	902.3675		0.00
6	00830612410	ELEMENTO DE FILTRO	1	0.00	5.0344		0.00
7	00830707210	CANO ACEITE P/ENFRIAM.PISTON	1	0.00	54.1420		0.00
8	00830805410	JUNTA ENTRE TAPA Y NUCLEO	1	0.00	37.8339		0.00
9	00870107590	ESCOBILLA DE CARBON DE.8	1	0.00	12.4526		0.00
10	00870803850	ESCOBILLA	1	0.00	11.0289		0.00
11	70022010600	BULON CAB.CUADRADA 22 X 203 MM	1	0.00	9.9968		0.00
12	70024070900	BULON 22,2 x 121 mm.	1	361.00	0.1391 #		50.22
13	74001020010	PALANCAS	1	50.00	0.1391 #		6.96
14	74001030010	CENTRO DE PALANCA	1	29.00	0.1391 #		4.03
15	74001040010	CUADRANTE INTERMEDIO	1	0.00	5.2604		0.00
16	74001040100	CUADRANTE TERMINAL	1	0.00	0.1391 #		0.00
17	74001060010	LIGA A 1RA CAJA	1	8.00	0.1391 #		1.11
18	74001060020	LIGA B 1RA CAJA	1	14.00	0.1391 #		1.95
19	74001060030	LIGA C 1RA CAJA	1	0.00	0.1391 #		0.00
20	74001070500	DADO ENCLAV.U/MED.	1	200.00	0.1391 #		27.82
21	74001070510	DADO MEDIO DE 22.2 MM	1	187.00	0.1391 #		26.01
22	74001070520	DADO DOBLE DE 22.2 MM	1	60.00	0.1391 #		8.35
23	74001070530	DADO ORDINARIO DE 22.2 MM	1	100.00	0.1391 #		13.91
24	74001070560	DADO MEDIO DE 22.2 MM	1	80.00	0.1391 #		11.13
25	74001070580	DADO MEDIO DE 22.2 MM	1	52.00	0.1391 #		7.23
26	74001070600	DADO DOBLE DE 22.2 MM	1	72.00	0.1391 #		10.02
27	74001070660	DADO ORDINARIO DE 22.2 MM	1	34.00	0.1391 #		4.73
28	74001070700	DADO ORDINARIO 11.1 MM	1	18.00	0.1391 #		2.50
29	74001070740	DADO DOBLE DE 11.1	1	20.00	0.1391 #		2.78
30	74001070770	DADO DOBLE DE 11.1 MM	1	130.00	0.1391 #		18.08
31	74100030100	GUARDA CABO CINCO 9.16 MM	1	0.00	2178.5609		0.00
32	74100060010	POLEA SIMPLE PARA CABLE	1	45.00	15.0394		676.77
33	74100061100	POLEA HOMBRE A CABLE	1	1172.00	15.0394		17626.18
34	74100061600	POLEA DOBLE P/ALAMBRE	1	31.00	31.3025		970.38
35	74100070200	ROLD 355mmDIAM SIMP HORIZ COMP	1	7.00	11.0490		77.34
36	74100070220	RUEDA HORIZONTAL SUELTA	1	7.00	49.1289		343.90
37	74100070300	ROLDANA DE 254 MM	1	0.00	52.1067		0.00
38	74100070800	RUEDA HORIZONTAL DOBLE	1	8.00	36.3457		290.77
39	74100072400	RUEDA HORIZONTAL CUADRUPL	1	1.00	0.1391 #		0.14
40	74100075300	ROLDANA DOBLE	1	0.00	0.2978		0.00
41	74100080050	PIQUETE DE HIERRO	1	67.00	12.5708		842.24
42	74100090030	BULON DE 12.7 X 38.1 MM	1	1500.00	1.5375		2306.25
43	74100090170	CANO PERFIL "U"	1	0.00	138.4774		0.00
44	74100111050	JUEGO ESCUADRA SESTUPLE	1	1.00	6.1970		6.20
45	74100111900	ROLLER	1	215.00	0.1391 #		29.91
46	74100111902	ROLLEROS DE NRO.1	1	0.00	0.1391 #		0.00
47	74100120320	SILLETA Nº 2	1	4.00	0.1391 #		0.56
48	74100120340	SILLETA Nº 5	1	7.00	0.1391 #		0.97
49	74100130010	ESCUADRA HORIZONTAL SIMPLE	1	13.00	280.7365		3649.57
50	74100131490	ARANDELA PLANA DIA.29MM	1	0.00	0.1391 #		0.00
51	74100131550	JUEGO DE ESCUADRA DOBLE	1	6.00	0.1391 #		0.83
52	74100131650	ESCUADRA ARANA	1	1.00	0.1391 #		0.14
53	74100131850	ESCUADRA HORIZ.305x305MM	1	0.00	0.5523		0.00
54	74100132100	ESCUADRA T	1	4.00	5.2604		21.04
55	74100132650	ESCUADRA SIMPLE	1	14.00	0.2317		3.24
56	74100132652	ESCUADRA PEDESTAL	1	0.00	0.2317		0.00
57	74100134900	ESC AJUST 305 X 457mm COMP	1	9.00	35.8311		322.48
58	74100134960	CORREDEERA P/ESCUADRA	1	4.00	0.1391 #		0.56



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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 2

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Cantidades al: 31/08/94
Fechas al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
59	74100141000	COMPENSADOR HORIZONTAL	1	3.00	23.8871	71.66
60	74100141150	LEVA COMPENSADOR VERTICAL	1	4.00	0.1391 #	0.56
61	74100141190	ENGANCHE SUPERIOR P/CONEXION	1	16.00	0.1391 #	2.23
62	74100141200	ENGANCHE	1	17.00	0.1391 #	2.36
63	74100160500	JUNTA SIMPLE COMPLETA	1	50.00	97.2401	4862.01
64	74100160750	CUELLO DE CISNE	1	11.00	40.1052	441.16
65	74100160850	CUELLO DE GANSO	1	15.00	62.1631	932.45
66	74100160880	CHAVETA CUNA	1	0.00	3.2393	0.00
67	74100161050	JUNTA P/AJUSTAR	1	13.00	117.8482	1532.03
68	74100161650	JUNTAS P/BARRAL	1	0.00	0.1391 #	0.00
69	74100162150	JUNTA SALIDA M/IZQUIERDA	1	5.00	0.1391 #	0.70
70	74100162200	JUNTA SALIDA M/DERECHA	1	3.00	58.0075	174.02
71	74100163050	JUNTA P/CAMBIO	1	0.00	0.2751	0.00
72	74100163450	JUNTA P/COMPENSADOR	1	28.00	112.0897	3138.51
73	74100350010	AJUSTADOR DE CABLE	1	7.00	99.8887	699.22
74	74100351000	TORNILLO P/AJUSTAR ALAMBRE	1	51.00	4.8643	248.08
75	74200160010	CAJA SENCILLA	1	15.00	21.0471	315.71
76	74205050010	CAJA DOBLE P/ALAMBRE	1	3.00	0.3188	0.96
77	74215050010	CAJA CUADRUPLE	1	4.00	0.1391 #	0.56
78	74300020030	CAJA D/PASADOR	1	8.00	227.0005	1816.00
79	74300020100	PASADOR	1	0.00	0.1391 #	0.00
80	74305200200	CERROJO	1	0.00	23.8871	0.00
81	74320120010	COJINETE CORTADO	1	4.00	102.9781	411.91
82	74320130050	PERNO P/ENGANCHE	1	29.00	0.8286	24.03
83	74320220020	PERNO DE ENGANCHE	1	0.00	42.9177	0.00
84	74320320010	CLEPE U 36	1	0.00	199.3656	0.00
85	74330060010	BALANCINES	1	1.00	0.1391 #	0.14
86	74340110010	BARRA DE PASADOR	1	0.00	0.1391 #	0.00
87	74515030010	ESCALERA P/SENAL	1	0.00	0.1391 #	0.00
88	74515110010	BANDERA SENAL ABSOLUTA	1	26.00	50.1314	1303.42
89	74515110020	BRAZO METAL.ENLOZ.P/SENAL DIST	1	3.00	50.1314	150.39
90	74515110090	LENTE PLAST.P/ANTEOJO SENAL	1	0.00	8.2464	0.00
91	74515110100	LENTE PLASTICO ROJO	1	0.00	16.0420	0.00
92	74515110110	LENTE PLASTICO VERDE	1	0.00	16.0420	0.00
93	74515111420	LENTE ACRILICO P/SEN.VERDE	1	0.00	8.8055	0.00
94	74515111440	LENTE SENAL ENANA ROJO	1	0.00	2.8038	0.00
95	74515111450	LENTE ACR.P//SEN.ENANA VERDE	1	0.00	2.8698	0.00
96	74515130020	LEVA BALANZA	1	3.00	102.9781	308.93
97	74515130030	LEVA SENAL DOBLE	1	8.00	36.8340	294.67
98	74515130220	CONTRAPESO 14 LBS.	1	1.00	88.2314	88.23
99	74515130230	CONTRAPESO 20 LBS.	1	0.00	0.1391 #	0.00
100	74515130250	CONTRAPESO 28 LBS.	1	4.00	0.1391 #	0.56
101	74515130270	CONTRAPESO 40 LBS.	1	3.00	0.1391 #	0.42
102	74515130280	CONTRAPESO 56 LBS.	1	0.00	0.1391 #	0.00
103	74515130290	CONTRAPESO 80 LBS.	1	5.00	0.1391 #	0.70
104	7450020040	GRAPA P/EJE DE SOPORTE	1	10.00	0.1391 #	1.39
105	75015030010	ENGRANAJE INTER.SECT.DENTADO	1	26.00	0.1391 #	3.62
106	75017050010	VARILLA INTER.HORIZONTAL	1	40.00	0.0000 +	0.00
107	75017060010	VARILLA INTER.VERTICAL	1	8.00	0.1391 #	1.11
108	75017160100	JUNTAS VARILLAS C/PALANCAS	1	0.00	0.0000 +	0.00
109	75080300019	TRANSFORMADOR 110/6 - 8VS	1	30.00	0.0000 +	0.00
110	75080310019	TRANSFORMADOR 220/110 VS	1	0.00	0.0000 +	0.00
111	75105020050	ACUMULADOR 2 VS	1	0.00	45.1007	0.00
112	75110010010	BASE PORTAFUSIBLE COMPL.250 VS	1	0.00	0.0000 +	0.00
113	75110030010	RESISTENCIA CIRC.DE VIA 10 OHM	1	26.00	0.1391 #	3.62
114	75110040010	RESISTENC.CIRC.DE VIA 100 OHMS	1	0.00	0.1391 #	0.00
115	75110050010	RESISTENC.CIRC.DE VIA 150 OHMS	1	0.00	0.1391 #	0.00
116	75110060010	RESISTENC.CIRC.DE VIA 220 OHMS	1	0.00	0.1391 #	0.00

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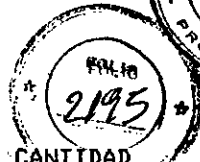
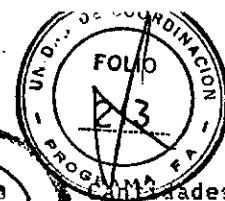
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 3

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Valores al: 31/08/94
Precios al: 31/07/94

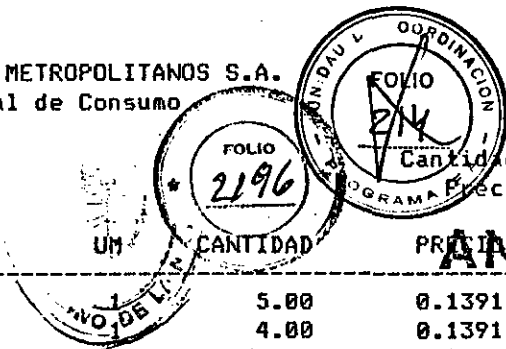


ANEXO

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117	75110130010	TERMINAL C/BASE PORCELANA	1	0.1391 #	48.69	
118	75110130020	BASE DE PORCELANA	1	18.4162	5727.44	
119	75200020040	CABLE FBC 5 X 2.5 MM	1	12.2983	0.00	
120	75200020090	CABLE FBC SUBTERRANEO 8 X 9 MM	3	0.0000 +	0.00	
121	75200020100	CABLE AUTOPORTANTE 10 X 2 MM	1	7.0389	0.00	
122	75200020120	CABLE FBC 25 X 2.5 MM	3	0.0000 +	0.00	
123	75200030020	SOGA PORTANTE 5 X 2 MM	1	0.1391 #	20.07	
124	75200150020	CABLE SUBTERRANEO 12C.X 2,5MM.	3	5.0131	0.00	
125	75210010010	JUNTA EXPANSION 19.1 MM	1	0.1391 #	3.06	
126	75210020010	JUNTA EXPANSION 25.4 MM	1	0.1391 #	1.25	
127	75210030010	JUNTA EXPANSION 31.9 MM	1	0.1391 #	2.23	
128	75210040010	JUNTA EXPANSION 38.1 MM	1	0.1391 #	0.70	
129	75210100020	LLAVE PASO AIRE 12.7 MM	1	0.1391 #	0.00	
130	75210100030	LLAVE PASO 19.1 MM	1	0.0000 +	0.00	
131	75210100040	LLAVE PASO AIRE 25.4 MM	1	0.0000 +	0.00	
132	75210100060	LLAVE PASO AIRE 31.8 MM	1	0.0000 +	0.00	
133	75220030010	TANQUE P/AIRE COMP.-CANO 1.1/4	1	0.1391 #	0.56	
134	75220040010	TANQUE P/AIRE TIPO "B"	1	0.1391 #	0.42	
135	75300010010	CERROJO P/CAMBIO ELECTRONEUM.	1	0.1391 #	0.42	
136	75300020010	CERROJO P/CAMBIO ELECTRONEUMAT.	1	0.1391 #	0.00	
137	75310020500	BASE VALVULA COMPRESOR T/"C"	1	0.0000 +	0.00	
138	75310020760	CUBIERTA P/VALVULA WESTING	1	13.00	0.0000 +	0.00
139	75310030010	VALVULAS WESTING "C"	1	0.00	0.0000 +	0.00
140	75320030010	DETECTOR ELECTRICO	1	0.00	35.4187	0.00
141	75320030070	HORQUILLA CAJA DETECTORA	1	24.00	0.0000 +	0.00
142	75320040010	DETECTOR ELECTRICO WESTING	1	7.00	0.1391 #	0.97
143	75320040012	CAJA INCLUTORA 4 CONTACTO	1	0.00	0.1391 #	0.00
144	75330010010	CILINDRO DE CAMBIO DOBLE	1	10.00	0.1391 #	1.39
145	75330020010	CILINDRO DE CAMBIO SIMPLE	1	7.00	0.1391 #	0.97
146	75340380250	TUBO AISLANTE BAQ.VARILLA IND.	1	0.00	0.0000 +	0.00
147	75340380260	ARANDELA AISLANTE P/INDICACION	1	0.00	0.0000 +	0.00
148	75340380270	CHAPA AISLANTE F/BAQ. 108.5 MM	1	0.00	0.0000 +	0.00
149	75340410390	ARANDELA AISLANTE P/BAQ.	1	228.00	0.0000 +	0.00
150	75340410400	CHAPA AISLANTE P/BAQUETA	1	0.00	0.0000 +	0.00
151	75340930010	BULON ESPECIAL 22.2 MM	1	64.00	0.1391 #	8.90
152	75340940010	PERNO P/BARRA DE CAMBIO	1	70.00	0.1391 #	9.74
153	75340940020	PERNO P/CERROJO CAMBIO	1	50.00	0.1391 #	6.96
154	75340940030	PERNO P/VARILLA INDICACION	1	0.00	0.1391 #	0.00
155	75350020010	MOVIMIENTO P/CAMBIO ELECTRONEU	1	3.00	0.1391 #	0.42
156	75360020010	CAJA FORMADORA 2 CONTACTOS	1	6.00	150.3945	902.37
157	75360030010	CAJA FORMADORA 4 CONTACTOS	1	8.00	180.4734	1443.79
158	75360060010	CAJA FORMADORA 6 CONTACTOS	1	9.00	200.5261	1804.73
159	75370040030	TAPA CUBRE MOV. COMPLETA	1	20.00	0.0000 +	0.00
160	75370060010	CHAVETA PLANA P/BAQ.DE CAMBIO	1	129.00	0.1391 #	17.94
161	75600030030	CARCAZA MOTOR AUTOMATICO	1	8.00	131.5542	1052.43
162	75600030890	LENTE PLANO ROJO	1	0.00	0.1391 #	0.00
163	75600030900	LENTE VIDRIO AMARILLO	1	84.00	0.1391 #	11.68
164	75600030910	LENTE VIDRIO VERDE	1	58.00	0.1391 #	8.07
165	75600030940	BRAZO P/SENAL CONTR.CUAD.INFER	1	13.00	0.1391 #	1.81
166	75600030950	BRAZO P/SENAL AUTOM.CUAD.SUP.	1	8.00	0.1391 #	1.11
167	75600030960	BRAZO P/SENAL	1	4.00	0.1391 #	0.56
168	75650010010		1	0.00	0.1391 #	0.00
169	75650010012	SENAL ENANA DE UN DISCO	1	7.00	0.1391 #	0.97
170	75650030140	BANDERA P/DISCO INDICADOR	1	42.00	0.1391 #	5.84
171	75680010030	VIDRIO VERDE REPETIDOR NEBLINA	1	36.00	0.1391 #	5.01
172	75680010040	VIDRIO AMARILLO REP.NEBLINA	1	43.00	0.1391 #	5.98
173	76012010010	BOTON	1	7.00	0.1391 #	0.97
174	76012020010	BOTON	1	7.00	0.1391 #	0.97

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Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
175	76012030010	BOTON		5.00	0.1391 #	0.70
176	76012040010	BOTON		4.00	0.1391 #	0.56
177	76012050010	PALANCA P/SENAL VR ROJA	1	35.00	0.0000 +	0.00
178	76012060010	PALANCA P/SENAL VR BLANCO	1	10.00	0.0000 +	0.00
179	76012070010	PALANCA P/SENAL VR VERDE	1	35.00	0.0000 +	0.00
180	76012080010	PALANCA P/SENAL VR ROSA	1	15.00	0.0000 +	0.00
181	76012090010	PALANCA P/SENAL VR AMARILLA	1	15.00	0.0000 +	0.00
182	76012200010	LLAVE	1	66.00	0.1391 #	9.18
183	76012200012	LLAVE P/MESA COMANDO VR 3010	1	17.00	0.1391 #	2.36
184	76012250010	LLAVE P/MESA COMANDO VR 6100	1	91.00	0.0000 +	0.00
185	76012300010	MOSAICO	1	592.00	0.1391 #	82.35
186	76012300012	MOSAICO P/PANEL CONTROL Y DIST	1	155.00	0.1391 #	21.56
187	76012320010	LLAVE P/MESA COMANDO VR 3014 B	1	7.00	0.0000 +	0.00
188	76012330010	LLAVE P/MESA COMANDO VR 3414 C	1	7.00	0.0000 +	0.00
189	76012340010	LLAVE P/MESA COMANDO VR 3014 D	1	7.00	0.0000 +	0.00
190	76012650010	ZOCALO	1	38.00	0.1391 #	5.29
191	76012660010	ZOCALO	1	31.00	0.1391 #	4.31
192	76050470039	PORTA FUSIBLE 500 V NOARK	1	7.00	0.0000 +	0.00
193	76100510010	GRAMPA FIJACION	1	0.00	0.0000 +	0.00
194	76100520010	GRAPA DE SUJECION GRANDE	1	250.00	0.1391 #	34.78
195	76102010010	CAJA T/DISCO	1	0.00	0.0000 +	0.00
196	76102020010	CAJA T/DISCO T/TORTUGA	1	0.00	0.0000 +	0.00
197	76102050010	CAJA D/FUNDIC. 30 CONDUCTORES	1	5.00	401.0522	2005.26
198	76102060010	CAJA D/FUNDIC. 50 CONDUCTORES	1	11.00	0.1391 #	1.53
199	76207020010	BARRA	1	0.00	0.1391 #	0.00
200	76207060010	RELEVADOR	1	0.00	0.1391 #	0.00
201	76207060012	CONTROLADOR POS.CAMB.TIP.SC4L	1	0.00	0.1391 #	0.00
202	76207070010	RELEVADOR MOD.K.F.75 B (W)	1	8.00	0.0000 +	0.00
203	76207070012	RELEVADOR MOD.K.F.75 B (W)24V	1	0.00	0.0000 +	0.00
204	76210030110	ESCUADRAS	1	0.00	0.1391 #	0.00
205	76216010050	PLACA SOLERA POSICION 1	1	13.00	0.0000 +	0.00
206	76216010060	PLACA SOLERA POSICION 2	1	10.00	0.0000 +	0.00
207	76216010070	PLACA SOLERA POSICION 3	1	14.00	0.0000 +	0.00
208	76216010090	PLACA SOLERA POSICION 5	1	13.00	0.0000 +	0.00
209	76216010100	PLACA SOLERA POSICION 6	1	11.00	0.0000 +	0.00
210	76216010110	PLACA SOLERA POSICION 7	1	4.00	0.0000 +	0.00
211	76216010120	PLACA SOLERA POSICION 8	1	2.00	0.0000 +	0.00
212	76216010140	PLACA SOLERA POSICION 10	1	12.00	0.0000 +	0.00
213	76216010190	PLACA SOLERA P/ESCUADRA	1	0.00	0.0000 +	0.00
214	76216010200	ESCUADRA AISLANTE POSICION 16	1	63.00	8.7308	550.04
215	76216010210	PLACA SOLERA POSICION 17	1	12.00	0.0000 +	0.00
216	76216010220	PLACA SOLERA POSICION 18	1	4.00	0.0000 +	0.00
217	76216010230	HORQUILLA EXTR. P/AISL.POS.20	1	0.00	4.8883	0.00
218	76216010240	PATA DE CAMBIO POS.21	1	8.00	0.0000 +	0.00
219	76216010250	PATA DE CAMBIO POS.22	1	6.00	0.0000 +	0.00
220	76216010260	PATA DE CAMBIO POS.23	1	13.00	0.0000 +	0.00
221	76216010270	PATA DE CAMBIO POS.24	1	10.00	0.0000 +	0.00
222	76216010280	PATA DE CAMBIO POS.25	1	8.00	0.0000 +	0.00
223	76216010290	APEND.DE AGUJA IZQU. POS.26	1	0.00	0.0000 +	0.00
224	76216010310	PATA CENTRAL POS.28	1	11.00	0.0000 +	0.00
225	76216010320	PATA POS.29	1	12.00	0.0000 +	0.00
226	76216010390	APEND.DE AGUJA IZQ. POS.32	1	0.00	0.0000 +	0.00
227	76216010400	APEND.DE AGUJA DER.POS.33	1	0.00	0.0000 +	0.00
228	76216010410	APEND.DE AG. IZQ.UIC-60 POS.34	1	0.00	0.0000 +	0.00
229	76216010420	APEND. DE AG. DER.UIC.POS.35	1	0.00	11.1760	0.00
230	76216010430	APEND.AGUJ.IZQ/DER.P/TRAMP.P36	1	10.00	0.0000 +	0.00
231	76216010440	APEND.AG.P/RIEL U.50 IZQ/DER37	1	15.00	11.1760	167.64
232	76216010450	APEND.DE AGUJA POS.41 Y 42	1	7.00	0.0000 +	0.00

ANEXO

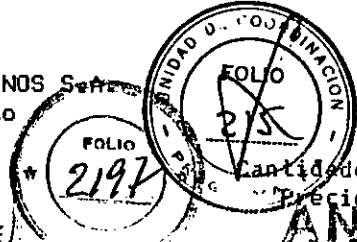
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 5

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
233	76216010480	APEND.AGUJA CENT.IZQ.POS.45	1	2.00	0.0000 +	0.00
234	76216010490	APEND.AGUJA CENT.DER.POS.46	1	6.00	11.1760	67.06
235	76216010510	PLACA POSC.DE TENSION POS.49	1	6.00	12.2234	73.34
236	76216010520	POSI.DE DETECT.POS.50	1	0.00	12.2234	0.00
237	76216010540	PLACA REGULADORA POS.52	1	11.00	9.0799	99.88
238	76216010550	PLACA REGUL.POSIC.53	1	4.00	0.0000 +	0.00
239	76216010570	BARRA ATAQUE POS.56	1	0.00	0.0000 +	0.00
240	76216010580	BARRA ATAQUE POS.58	1	0.00	0.0000 +	0.00
241	76216010590	BARRA ATAQUE POS.60	1	0.00	0.0000 +	0.00
242	76216010600	BARRA ATAQUE POS.55	1	7.00	0.0000 +	0.00
243	76216010610	BARRA ATAQUE POS.57	1	10.00	0.0000 +	0.00
244	76216010640	BARRA ATAQUE POS.62	1	6.00	0.0000 +	0.00
245	76216010670	BARRA DE ACCIONAMIENTO POS.65	1	0.00	0.0000 +	0.00
246	76216010690	BARRA DE ACCIONAMIENTO POS.67	1	0.00	0.0000 +	0.00
247	76216010710	BARRA DE ACCIONAMIENTO POS.69	1	0.00	0.0000 +	0.00
248	76216010720	BARRA DE ACCIONAMIENTO POS.70	1	0.00	0.0000 +	0.00
249	76216010800	BARRA DE DETECCION POS.86	1	0.00	0.0000 +	0.00
250	76216010850	BARRA DE ACCIONAMIENTO POS.83	1	0.00	0.0000 +	0.00
251	76216010860	CANO PROLNG.5 MM POS.100	1	3.00	0.0000 +	0.00
252	76216010900	BARRA DE VINC.ACCION.POS.76	1	7.00	0.0000 +	0.00
253	76216010910	BARRA DE VINC.ACCION.POS.77	1	10.00	0.0000 +	0.00
254	76216010920	BARRA DE VINC.ACCION.POS.78	1	0.00	0.0000 +	0.00
255	76216010950	BARRA DE VINC.ACCION.POS.79	1	3.00	0.0000 +	0.00
256	76216011050	BARRA DE DETENCION POS.81	1	3.00	0.0000 +	0.00
257	76216011060	BARRA DE DETENCION POS.82	1	4.00	0.0000 +	0.00
258	76216011070	BARRA DE DETECCION POS.87	1	14.00	0.0000 +	0.00
259	76216011090	BARRA DE DETECCION POS.83	1	8.00	0.0000 +	0.00
260	76216011100	BARRA DE DETECCION POS.84	1	0.00	0.0000 +	0.00
261	76216011160	BARRA DE VINC.DETEC.POS.89	1	4.00	0.0000 +	0.00
262	76216011170	BARRA DE VINC.DETEC.POS.90	1	2.00	0.0000 +	0.00
263	76216011180	BARRA DE VINC.DETEC.POS.91	1	4.00	0.0000 +	0.00
264	76216011200	BARRA TRANS.P/MARMITA	1	0.00	0.0000 +	0.00
265	76216011250	BARRA FRONTAL POS.93	1	5.00	0.0000 +	0.00
266	76216011260	BARRA FRONTAL POS.94	1	0.00	0.0000 +	0.00
267	76216011270	BARRA FRONTAL POS.95	1	4.00	0.0000 +	0.00
268	76216011280	BARRA FRONTAL POS.98	1	4.00	0.0000 +	0.00
269	76216011290	BARRA FRONTAL POS.111	1	9.00	0.0000 +	0.00
270	76216011340	BARRA FRONTAL POS.99/112	1	3.00	11.1760	33.53
271	76216011350	BARRA FRONTAL POS.100	1	22.00	0.0000 +	0.00
272	76216011360	BARRA FRONTAL POS.113	1	3.00	0.0000 +	0.00
273	76216011400	BARRA P/INDICAD.DE POS.101	1	4.00	0.0000 +	0.00
274	76216011410	BARRA P/INDIC. DE POS.107	1	6.00	0.0000 +	0.00
275	76216011470	BARRA TRANSMISION P/PALANCA	1	4.00	0.0000 +	0.00
276	76216011490	BARRA TENSION POS.110	1	13.00	0.0000 +	0.00
277	76216011500	MANGUITO POS.123	1	0.00	11.1760	0.00
278	76216011510	PLACA CONECCION POS.115	1	44.00	9.4293	414.89
279	76216011530	PLACA ENGANCHE POS.117	1	4.00	0.0000 +	0.00
280	76216011540	PLACA ENGANCHE POS.118	1	0.00	0.0000 +	0.00
281	76216011550	PLACA ENGANCHE POS.119	1	0.00	0.0000 +	0.00
282	76216011560	MANGUITO C/TUERCA POS.120	1	6.00	0.0000 +	0.00
283	76216011570	TUERCA DE AJUST.POS.121	1	11.00	0.0000 +	0.00
284	76216011660	HORQUILLA P/AISLACION POS.127	1	6.00	4.8883	29.33
285	76216011670	HORQUILLA D/REG.POS.128	1	3.00	6.5279	19.58
286	76216011680	HORQUILLA D/VINCULAC.POS.129	1	3.00	6.5279	19.58
287	76216011800	ANGULO P/FIJACION POS.133	1	14.00	0.0000 +	0.00
288	76216011810	ANGULO P/FIJACION POS.134	1	8.00	0.0000 +	0.00
289	76216011820	ANGULO P/FIJACION POS.135	1	7.00	0.0000 +	0.00
290	76216011830	ANGULO P/FIJACION POS.136	1	10.00	0.0000 +	0.00

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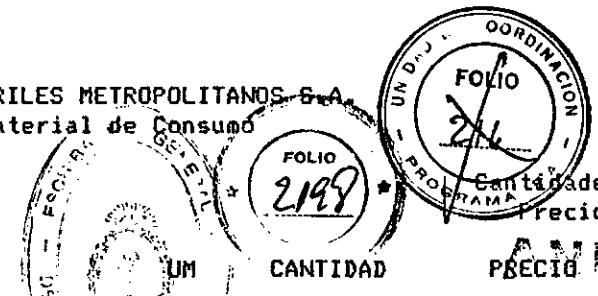
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 6

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	EX	IMPORTE
291	76216011840	ANGULO P/FIJACION POS.137	1	4.00	0.0000	+	0.00
292	76216011860	ANGULO P/FIJACION POS.138	1	10.00	0.0000	+	0.00
293	76216011880	DISTANCIA DURM.POS.139	1	6.00	0.0000	+	0.00
294	76216011930	SEGURO POS.144	1	2.00	0.0000	+	0.00
295	76216012090	TAPA POS.158	1	0.00	0.0000	+	0.00
296	76216012100	PLACA BASE DE ROLLERO	1	1.00	0.0000	+	0.00
297	76216012120	SOPORTE P/ROLLERO	1	6.00	0.0000	+	0.00
298	76216012130	MENSULA	1	8.00	0.0000	+	0.00
299	76216012260	BARRA D/ACCIONAMIENTO POS.170	1	3.00	0.0000	+	0.00
300	76216012300	BARRA D/TIRO 4 MM POS.167	1	12.00	0.0000	+	0.00
301	76216012310	CANO PROLONG. 5.8 MM POS.169	1	6.00	0.0000	+	0.00
302	76216012320	CANO PROLONG. 4.32 MM POS.171	1	10.00	0.0000	+	0.00
303	76216012400	BARRA DE ACCIONAMIENTO POS.179	1	2.00	0.0000	+	0.00
304	76216012510	PLACA BASE ROLLERO POS.189	1	2.00	0.0000	+	0.00
305	76216020050	PLACA AISLANTE BAQUETA	1	20.00	0.0823		1.65
306	76216020070	PLACA AISLANTE SOLERA	1	125.00	9.8423		1230.29
307	76216020090	ESCUADRA AISLANTE SOLERA	1	336.00	9.0674		3046.65
308	76216020110	TUBO AISLANTE SOLERA	1	950.00	2.7190		2583.05
309	76216020130	TUBO AISLANTE BAQUETA LARGO	1	400.00	1.3206		531.44
310	76216020150	TUBO AISLANTE BAQUETA CORTO	1	800.00	2.7190		2175.20
311	76245500020	BULON CHAPA ESPANS.	1	17.00	2.7071		46.02
312	76250130020	TUBO P/SOLERA	1	0.00	10.0719		0.00
313	76340310100	NUMERO 0" P/SENAL	1	1.00	0.0000	+	0.00
314	76344010010	SENAL LUMINOSA DE 4 ASPECTO	1	4.00	0.1391	#	0.56
315	76350030010	SEMAFORO P/SENAL ELECTRONEUM.	1	5.00	0.1391	#	0.70
316	76350101350	VIDRIO ROJO SEMAFORO	1	4.00	30.8933		123.57
317	76350101360	VIDRIO AMARILLO SEMAFORO	1	4.00	30.8933		123.57
318	76355010010	NORMALIZADOR BRAZO DE SENAL	1	2.00	1916.4897		3832.98
319	76355010020	CAJA	1	12.00	0.0000	+	0.00
320	76356031080	MOTOR ELECTRICO 10 V P/SENAL	1	2.00	131.5542		263.11
321	76356031100	MAQUINA P/SENAL.T/VIDRIO	1	13.00	0.1391	#	1.81
322	76369020010	INDICADOR	1	1.00	0.1391	#	0.14
323	76369250050	FAROL	1	3.00	0.1391	#	0.42
324	76369300050	FAROL	1	3.00	0.1391	#	0.42
325	76369500010	TABLERO	1	3.00	0.1391	#	0.42
326	76370040230	LETRA "M" P/SENAL	1	6.00	0.1391	#	0.83
327	76375070010	BARRERA AUTOM.LETRERO PELIGRO	1	10.00	40.1052		401.05
328	76375070020	BARRERA AUTOM.LETRERO FERROC.	1	15.00	40.1052		601.58
329	76375150720	AUTO REFRACT.P/BRAZO BARRERA	1	0.00	0.0000	+	0.00
330	76376010010	EQUIPO BARRERA SAXBI	1	12.00	11925.6898		143108.28
331	76376100010	SIN FICHA	1	0.00	0.1391	#	0.00
332	76376150010	SIN FICHA	1	0.00	0.3173		0.00
333	76376160070	DISTRIBUIDOR BARRERA SAXBI	1	0.00	0.1391	#	0.00
334	76376160470	ELECTROIMAN DE COMANDO SAXBI	1	0.00	180.4869		0.00
335	76376160600	BOBINA 100 OHMS BOB.BARR.SAXBI	1	0.00	0.0000	+	0.00
336	76376500010	CONMUTADOR MAQ.DE BARRERA	1	0.00	1735.1970		0.00
337	76376500050	CONMUTADOR MAQ.DE BARRERA	1	0.00	63.5682		0.00
338	76376550010	SEMAFORO	1	14.00	150.3362		2104.71
339	76376570060	COLUMNA BARRERA SAXBI	1	6.00	0.1391	#	0.83
340	76376570100	CAMPANILLA 24V SAXBY	1	0.00	360.9469		0.00
341	76376580060	CONTRALUZ INDIC.MAQ. SAXBI	1	37.00	39.4653		1460.22
342	76376650010	ARMARIO LOC.GR.ABRIGO MET.2PTA	1	2.00	0.0000	+	0.00
343	76376660010	PANEL RELEVADOR SAXBI	1	13.00	0.2389		3.11
344	76376660020	DESTELLADOR ELECTRICO	1	0.00	396.0390		0.00
345	76376660040	RELEVADOR ANUNCIO	1	0.00	0.0000	+	0.00
346	76379012050	LATERAL 108X70X1800 mm LGO	1	0.00	13.0855		0.00
347	76379012400	LATERL 190X105X4800 MM	1	0.00	43.5000		0.00
348	76379012405	BRAZO DE BARRERA 4.5 M	1	0.00	43.5000		0.00

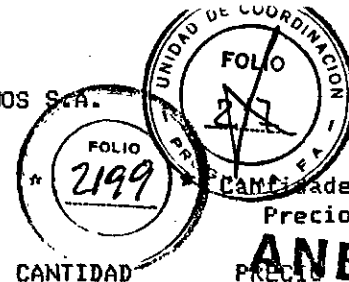
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 7

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



Compras al: 31/08/94
Precios al: 31/07/94

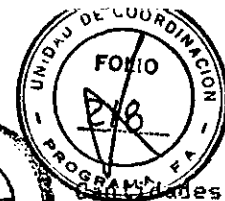
ANEXO IMPORTE

NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
349	76379012550 L;ATERAL 190X150X6250MM.DE LGO	1	0.00	50.1314	0.00
350	76380060300 RELE DESTELLADOR	1	0.00	0.0000 +	0.00
351	76380090100 RELE 4 OHMS 4 CONTACTOS	1	6.00	0.0000 +	0.00
352	76380100020 RELEVADOR DE ENCLAVAMIENTO	1	4.00	0.1391 #	0.56
353	76500520010 RELEVADOR	1	4.00	0.1391 #	0.56
354	76500530010 RELEVADOR	1	3.00	0.1391 #	0.42
355	76500540010 RELEVADOR	1	5.00	0.1391 #	0.70
356	76500550010 RELEVADOR	1	0.00	0.1391 #	0.00
357	76500570010 RELEVADOR	1	5.00	0.1391 #	0.70
358	76500580010 RELEVADOR	1	8.00	0.1391 #	1.11
359	76500580012 RELE ENCHUFABLE POLARIZADO	1	1.00	0.1391 #	0.14
360	76500590010 RELEVADOR	1	9.00	0.1391 #	1.25
361	76500610012 RELE ENCHUFABLE D/ELEM.TIEMPO	1	1.00	0.1391 #	0.14
362	76500620010 DETECTOR	1	1.00	0.1391 #	0.14
363	76500640010 RELE DE CAPTACION LENTA	1	4.00	0.0000 +	0.00
364	76500660010 DETECTOR	1	9.00	0.1391 #	1.25
365	76520020010 RELAY 1000 OHMS TIPO "J"	1	1.00	14.3878	14.39
366	76520240010 RELE 9 OHMS	1	2.00	0.0000 +	0.00
367	76520240410 BOBINA RELEVADOR 4.5 OHMS	1	7.00	0.0000 +	0.00
368	76520300010 RELE 1000 OHMS 6 CONTACTOS	1	8.00	0.1391 #	1.11
369	76520310010 RELE 1000 OHMS 4 CONTACTOS	1	10.00	0.1391 #	1.39
370	76520330150 BOBINA RELEVADOR 500 OHMS	1	21.00	0.0000 +	0.00
371	76520340010 RELE 1000 OHMS 4 CONTACTOS	1	8.00	0.0000 +	0.00
372	76550650010 RELEVADOR	1	1.00	35.1366	35.14
373	76550660010 RELEVADOR	1	7.00	35.4178	247.92
374	76550670010 RELEVADOR	1	0.00	35.6989	0.00
375	76560650010 RELE DETECT.VIA 2 POS.20 VGPC	1	0.00	0.0000 +	0.00
376	76600010850 CHAPA AISLANTE	1	0.00	15.0394	0.00
377	76600011010 LATERAL AISLANTE DE 4 AGUJEROS	1	640.00	16.0420	10266.88
378	76600011020 LATERAL AISLANTE DE 6 AGUJEROS	1	700.00	20.0526	14036.82
379	76600011800 CHAPA ENTRERIEL "B" AISLANTE	1	1300.00	8.0210	10427.30
380	76600050600 ANILLO AISLANTE BS.	1	0.00	3.2108	0.00
381	76600050650 ANILLO AISLANTE BS.PG.	1	0.00	0.0000 +	0.00
382	76600050700 ANILLO AISLANTE FC.GRAL.ROCA	1	0.00	6.0421	0.00
383	76600170200 ECLISA CEPILLADA 6 AGUJAS U50	1	9.00	0.3104	2.79
384	76600190030 CHAPA P/ENTRER.P/RIEL VIC. 60	1	602.00	25.0657	15089.55
385	76600190050 PLACA AISL.ELEM.C P/RIEL VIC.6	1	150.00	15.0394	2255.91
386	76600230450 PERNO DE ACERO COBREADO	1	600.00	0.7148	428.88
387	76600230480 CHAPA AISLANTE	1	750.00	3.2950	2471.25
388	76600230520 PLANCHUELA A P/RIEL U.36	1	30.00	8.0210	240.63
389	76605440010 CAJA CONECCIONES P/MAQ.CAMBIO	1	20.00	0.0000 +	0.00
390	76616060010 CAJA	1	4.00	0.1391 #	0.56
391	76618040010 CERRADURA PALANCA	1	0.00	3007.8918	0.00
392	76621110050 INDICADOR	1	6.00	0.1391 #	0.83
393	76621110070 INDICADOR	1	6.00	0.1391 #	0.83
394	76621170050 PLUMAS P/GRAFICADOR	1	6.00	0.1391 #	0.83
395	76621170070 PLUMAS P/GRAFICADOR	1	44.00	0.1391 #	6.12
396	76621170110 PLUMAS P/GRAFICADOR	1	8.00	0.1391 #	1.11
397	76621190110 RELEVADOR	1	1.00	0.1391 #	0.14
398	76621200050 TEMPORIZADOR	1	2.00	0.1391 #	0.28
399	76628010010 DETECTOR	1	5.00	0.1391 #	0.70
400	76628010012 DETECTOR DE TREN AUDIO	1	5.00	0.1391 #	0.70
401	76628020010 DETECTOR DE FIL.CORT.TIP.STD	1	1.00	0.1391 #	0.14
402	76628020012 DETECTOR DE FILAM.CORT.TIP.STD	1	1.00	0.1391 #	0.14
403	76628030010 DETECTOR	1	2.00	0.1391 #	0.28
404	76628050010 DETECTOR	1	2.00	0.1391 #	0.28
405	76637010010 DIVISOR	1	4.00	0.1391 #	0.56
406	76637020010 MULTIPLICADOR	1	1.00	0.1391 #	0.14

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 8

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Validades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
407	76642010010	LAMPARA 6 V 5 W 2 POLOS	1	1.00	0.0000 +	0.00
408	76642050150	LAMPARA	1	7200.00	0.1391 #	1001.52
409	76642050200	LAMPARA	1	8040.00	0.1391 #	1118.36
410	76642120010	LAMPARA	1	0.00	2.8096	0.00
411	76642160050	LAMPARA	1	2500.00	0.1391 #	347.75
412	76642180010	LAMPARA	1	2220.00	0.1391 #	308.80
413	76642180020	LAMPARA	1	2050.00	0.1391 #	285.16
414	76642180040	LAMPARA	1	25.00	0.1391 #	3.48
415	76642190010	LAMPARA	1	10.00	3.5122	35.12
416	76642270010	LAMPARA	1	87.00	3.2311	281.11
417	76646010010	LIGA CORTA 230 MM	1	0.00	0.0000 +	0.00
418	76646050010	LIGA COBRE LARGA 1.2 MM	1	25.00	0.0000 +	0.00
419	76655260010	RECTIFIC. CELENO 2.5 V 1.5 A	1	1.00	129.4623	129.46
420	76655420010	RECTIFICADOR	1	1.00	0.1391 #	0.14
421	76660210010	RESISTENCIA	1	8.00	0.1391 #	1.11
422	76660220010	RESISTENCIA	1	4.00	0.1391 #	0.56
423	76660240010	RESISTOR	1	1.00	0.1391 #	0.14
424	76661050010	FUSIBLE	1	20.00	0.1391 #	2.78
425	76661060010	FUSIBLE	1	20.00	0.1391 #	2.78
426	76661070010	FUSIBLE	1	0.00	0.1391 #	0.00
427	76672110010	PARARRAYO	1	2.00	0.1391 #	0.28
428	76672120010	PARARRAYO	1	3.00	0.1391 #	0.42
429	76672120100	ZOCALO	1	0.00	0.1391 #	0.00
430	76675100010	TERMINAL	1	20.00	0.1391 #	2.78
431	76675120010	TERMINAL	1	20.00	0.1391 #	2.78
432	76675130010	TERMINAL	1	20.00	0.1391 #	2.78
433	76675140010	TERMINAL	1	99.00	0.1391 #	13.77
434	76675150010	TERMINAL	1	1611.00	0.1391 #	224.09
435	76680650010	TRANSFORMADOR	1	4.00	0.1391 #	0.56
436	76680660010	TRANSFORMADOR	1	4.00	0.1391 #	0.56
437	76680670010	TRANSFORMADOR	1	1.00	0.1391 #	0.14
438	76680680010	TRANSFORMADOR	1	1.00	0.1391 #	0.14
439	77108012000	FILTRO PASA ALTO	1	4.00	13.1541	52.62
440	77108012500	FILTRO PASA BAJO	1	7.00	13.1541	92.08
441	77108026000	PANEL DE TERMINACION	1	110.00	39.4653	4341.18
442	77108032500	PANEL REG.PILOTO	1	3.00	14.1926	42.58
443	77108035000	FILTRO O.P.	1	5.00	17.3468	86.73
444	77140043059	CONTRALUZ P/SEMAFORO CALLE	1	12.00	23.8871	286.65
445	77140043069	MARCO EXDIAGRAMA CABINA TEMP.	1	1.00	71.6642	71.66
446	77140043079	CHAPA BASE EXDIAGR.CAB.SEN.TEM	1	4.00	71.6642	286.66
447	77140043089	TRANSFORMADOR EXSUBTER.BS.AS.	1	130.00	47.7754	6210.80
448	77140043099	GENERAD.MAN.110 V WESTINGHOSE	1	2.00	716.6563	1433.31
449	77140043100	CAJA P/SENAL LUMINOSA RAIWAL	1	6.00	119.4415	716.65
450	77140043110	RELEV.DC SEARCHLIGHT SIG.STYLE	1	0.00	0.0000 +	0.00
451	77140043120	ALAMBRE TENS.P/RIENDA 3 CABOS	4	1200.00	14.3315	17197.80
452	77140043130	UNIDAD P/ENCLAV.P/ENTRE EST.	1	4.00	477.7701	1911.08
453	77140043140	CAJA CIRC.FOTOL.INCOMP.SIEMENS	1	100.00	119.4415	11944.15
454	77140043150	CHAPA ACC.EQUIPO FONDL.SIEMENS	1	82.00	47.7754	3917.58
455	77140043160	ACC.LTG.4 DE EQU.FONDL SIEMENS	1	305.00	23.8871	7285.57
456	77140043170	GRAMPAS PLANAS 460 MM LONGITUD	1	101.00	19.1093	1930.04
457	77140043180	ABRAZADERA P/CANO 4"	1	110.00	4.7757	525.33
458	77140043190	LIGA ACERO FLEXIBLE LONG.2.8 M	1	100.00	7.1646	716.46
459	77140043200	PANEL.CONT.P/EQ.F.SIEMENS INC.	1	25.00	119.4415	2986.04
460	77140043210	LINTERNA INDICAD.P/MAQUINISTA	1	11.00	23.8871	262.76
461	77140043220	GRAMPA U P/FIJAC. A DURMIENTE	1	17.00	11.9428	203.03
462	77140043230	NORMALIZ.ELECTRONEUM.P/BZO.SEN	1	7.00	119.4415	836.09
463	77140043360	TAPA SEMAFORO SIEMENS	1	30.00	0.0000 +	0.00
464	77140043420	BRAZO SEMAF.D/EQ.FOND.SIEMENS	1	12.00	0.0000 +	0.00

MP

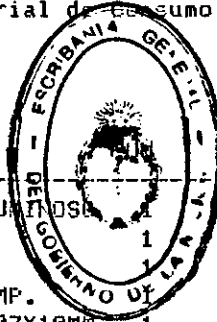
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Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
465	77140043430	SEMAFORO D/EQUIPO FONOLUMINOSO	1.00	0.0000 +	0.00
466	77140043450	COLUMNAS SIEMENS	40.00	0.0000 +	0.00
467	77140043460	BASE DE COLUMNA	36.00	0.0000 +	0.00
468	77140044430	TRANSF. 24 W C.C. 1,5 AMP.	0.00	32.0982	0.00
469	77140046350	PLACA SOLER.S/POS.890X207X10MM	1	0.0000 +	0.00
470	77140046360	PLAC.SOLER.S/POS.1490X207X10MM	1	0.0000 +	0.00
471	77140046370	PLAC.SOLER.S/POS.1155X207X10MM	1	0.0000 +	0.00
472	77140046380	PLAC.SOLER.S/POS.700X230X9.5MM	1	0.0000 +	0.00
473	77140046390	HORQUILLA SUJ.BARRA D/CERR.S/P	1	0.0000 +	0.00
474	77140046400	SOPOR.P/BASE VALV.WESTINGHOUSE	1	0.0000 +	0.00
475	77140046410	BASE CERROJ.MOTOR (FONDO PLAT)	1	0.0000 +	0.00
476	77140046420	SEÑAL DE MANIOBRA (INCOMPL.)	1	0.0000 +	0.00
477	77140046430	INDICADOR ALFANUM. (INCOMPL.)	1	0.0000 +	0.00
478	77140046440	INDICADOR DE MANIOBRA (INCOMP)	1	0.0000 +	0.00
479	77159110010		1	0.00	248.6147
480	77159120010		1	0.00	263.0925
481	77159210010		1	0.00	463.3073
482	77159220010		1	0.00	204.3651
483	77586010010	PULSADOR TELEFONO	1	0.00	0.1391 #
484	77600010019	TELEFONO PORTATIL	1	7.00	0.0000 +
485	77615010010	APARATO TELEFONICO	1	0.00	0.1391 #
486	78340011450	TIJERA D/CANJEADORES	1	3.00	0.1391 #
487	78507050200	FUSIBLE	1	0.00	0.1391 #
488	79501450100	CABLE	3	0.00	6.8804
489	79502250700	KIT P/EMPALME	1	0.00	0.2143
490	79502260650	KIT PARA EMPALME	1	0.00	0.2143
491	79502260850	KIT PARA EMPALME	1	0.00	0.2143
492	79502261050	KIT P/EMPALME	1	0.00	0.2143
493	79503020500	SENSOR D/RIENDA 16 MM	1	10.00	120.3156
494	79504050100	AISLADORES PORCELANA	1	30.00	4.0105
495	79504060040	PERNO J P/AISLADOR	1	25.00	15.7720
496	79504060070	PERNO DOBLE J P/AISLADOR	1	7.00	0.1391 #
497	79504060100	PERNO RECTO	1	1408.00	11.8287
498	79504070510	CRUCETA 63X63X1070	1	975.00	10.0262
499	79504090030	SILLETA	1	0.00	32.2757
500	79504100050	ABRAZADERA P/FIJAR CRUCETA	1	0.00	4.1188
501	79602020100	PROTECTOR EXT.DE CABLE	1	0.00	0.0000 +
502	79850010030	LAMPARA	1	15.00	0.1391 #
503	80012020120	HIERRO 12,7 MM	4	50.00	0.6645
504	80012020160	HIERRO 15,9 MM	4	15.00	1.0026
505	80012020260	ACERO AL CARBONO	4	95.00	0.8028
506	80012020320	ACEROS EN BARRAS REDONDAS	4	140.00	0.7820
507	80012420060	ACERO RED.P/ORMIGON ARMADO	4	15.00	4.7123
508	80013722120	PLANCHUELA ESP.7,9xANCH.19,1mm	4	200.00	1.8058
509	80013722820	ACERO EN PLANCHUELA DE 9,5 mm	4	14.10	0.8020
510	80013723440	ACERO	4	28.00	31.0015
511	80013724200	PLANCH.DE H.DE 50x15,87 MM	4	21.70	2.1135
512	80013724770	PLANCHUELA 19.1 X 38.1 MM	4	32.00	0.1391 #
513	80015420440	HIERRO ANGULO 50X50X7 MM	4	42.00	1.1691
514	80019090800	RIELES DEFORMADOS FUERA DE USO	9	1400.00	0.1886
515	80200120300	CHATARRA PESADA EX-BARRILONES	4	1200.00	0.1426
516	80200140010	CHATARRA SEMIPESADA S/DIMENS.	4	4900.00	0.1276
517	80200150010	CHATARRA (MATERIAL CHICO)	4	2000.00	0.1128
518	80201020010	CHATARRA FUND..GRIS S/DIMENS.	4	5710.00	0.0000 +
519	80210120010	CHATARRA NO FERREA DE COBRE	4	200.00	2.5721
520	80211520010	CHATARRA PLOMO SIN CLASIFICAR	4	365.00	0.5347
521	80212520300	CHATARRA ALUMINIO	4	20.00	0.9179
522	80229500000	REZAGO CABLE SENALAMIENTO	4	1900.00	30.8933



ANEXO

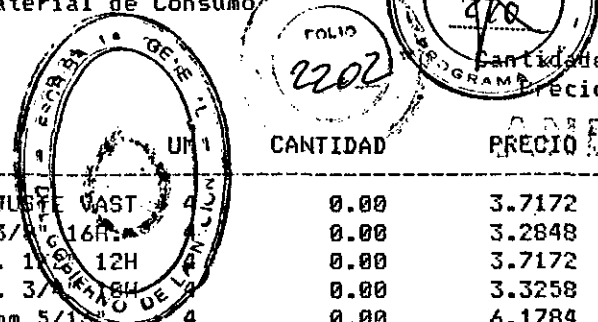
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Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

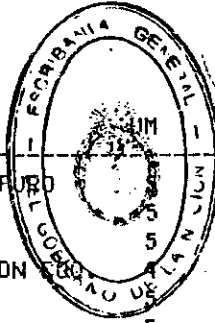
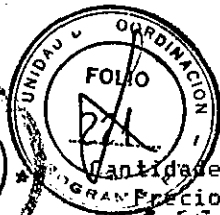
Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
523	80681110790	TURCA EXAG.ROSCA W AJUSTE RAST	4	0.00	3.7172	0.00
524	80681110950	TUERCA HEXAG.9,5MM. 3/16"	4	0.00	3.2848	0.00
525	80681111270	TUERCA HEXAG. 12,7MM. 1/2"	4	0.00	3.7172	0.00
526	80681111910	TUERCA HEXAG. 19,1MM. 3/4"	4	0.00	3.3258	0.00
527	80690920790	TUERCA EXAG.DIAM.7,9mm 5/16"	4	0.00	6.1784	0.00
528	80713210220	ALAMBRE OVALADO CINCO 3X2,4 MM	4	0.00	6.0158	0.00
529	80890210250	CANO DE ACERO DE 1'	3	36.00	5.5745	200.69
530	80890210400	CANO DE ACERO	3	66.00	4.0105	264.69
531	80891240210	BUJE DE REDUCCION 3/4"X1/2"	1	0.00	0.9219	0.00
532	80891240340	BUJE DE REDUCCION 1.1/4" X 1"	1	0.00	1.6526	0.00
533	80891240480	REDUCCION 2" A 1 1/2"	1	0.00	3.3616	0.00
534	80891240490	BUJE 2" X 1"	1	13.00	4.1715	54.23
535	80891240500	REDUCCION 2" A 1 1/4"	1	1.00	2.5742	2.57
536	80891240690	REDUCCION 2 1/2" A 1"	1	0.00	0.7011	0.00
537	80891330250	CODO DE 90 GDO.DE 1"	1	0.00	2.4564	0.00
538	80891330320	CODO NORMAL A 90 GRADOS	1	2.00	2.8316	5.66
539	80891330400	CODO A 90 GDO. DE 11/2"	1	8.00	4.7366	37.89
540	80891330500	CODO A 90 GDO DE 2"	1	4.00	6.0158	24.06
541	80891330650	CODO A 90 GDO. DE 2.1/2"	1	3.00	8.2380	24.71
542	80892230200	CRUZ NORMAL DESIG.COMERC.3/4"	1	0.00	1.5095	0.00
543	80892430200	CUPLA NORMAL DE 3/4"	1	0.00	2.0945	0.00
544	80892430250	CUPLA DE 1"ROSCA INTERNA	1	1.00	2.1019	2.10
545	80892430320	1	1	67.00	2.6469	177.34
546	80892430500	CUPLA DE 2" ROSCA INTERNA	1	2.00	4.3762	8.75
547	80892430650	CUPLA NORMAL DES.COMERC.2.1/2"	1	8.00	7.4941	59.95
548	80892530410	CUPLA DE 1.1/2"	1	0.00	1.8047	0.00
549	80892530500	CUPLA REDUCCION CONCENTRICA	1	10.00	4.1252	41.25
550	80892530510	CUPLA	1	1.00	2.0052	2.01
551	80893140250	CURVA 45 GRAD. DE 1"	1	0.00	5.1890	0.00
552	80893450320	ENTRERROSCA DE 1.1/4 X 3/4"	1	0.00	0.0000 +	0.00
553	80893540320	ENTRERROSCA DE 1.1/4"	1	0.00	1.2309	0.00
554	80893850400	TAPONES SIN BORDE DE 11/2'	1	2.00	2.4300	4.86
555	80893950250	TAPON	1	0.00	0.9330	0.00
556	80894230320	1	1	4.00	5.6016	22.41
557	80894230400	TE. NORMAL DE 11/2'	1	15.00	5.6635	84.95
558	80894430670	TE 65 X 50 X 65 MM	1	3.00	15.0394	45.12
559	80896030200	UNION DOBLE DE 19,5MM	1	1.00	11.2393	11.24
560	80896030250	UNION DOBLE DE 1'	1	1.00	4.5920	4.59
561	80896030320	UNION DOBLE DE 1'1/4'	1	4.00	6.7677	27.07
562	80896040150	UNION DOBLE DE 1/2"	1	1.00	4.2484	4.25
563	80896040320	UNION DOBLE DE 1.1/4"	1	5.00	4.9701	24.85
564	80896040400	UNION DOBLE DE 1.1/2"	1	11.00	9.2904	102.19
565	80896040500	UNION DOBLE DE 2"	1	2.00	0.0000 +	0.00
566	80896040650	UNION DOBLE DE 2.1/2"	1	4.00	11.8382	47.35
567	80950441430	CANO S/COSTURA 63.55 MM	3	31.00	0.0000 +	0.00
568	82294570240	PAPEL DE LIJA DE 210 x 260mm.	1	0.00	0.2406	0.00
569	82294570300	PAPEL DE LIJA DE SILICE Nro.30	1	0.00	0.2468	0.00
570	82294710160	TELA ESMERIL EN HOJA	1	0.00	0.9123	0.00
571	82452010050	ESCOBAS DE PAJA DE GUINEA	1	11.00	5.7150	62.87
572	82452410100	FLUMEROS DE 350mm DE LARGO	1	0.00	6.1362	0.00
573	82454320050	TRAPOS DE PISO DE 550x600MM.	1	0.00	0.9677	0.00
574	82454520050	TRAPO REJILLA DE ALGODON	1	0.00	0.5702	0.00
575	82457910050	PAPEL HIGIENICO-ROLLOS 74MTS.	1	0.00	0.2506	0.00
576	82861520230	PERFIL MOLDEADO Nro.217-pirell	3	0.00	1.0835	0.00
577	82861520250	PERFIL MOLDEADO Nro.275-PIRELL	3	0.00	4.9515	0.00
578	82901622060	MANGA DE CAUCHO	3	0.00	2.2887	0.00
579	82901821090	MANGA DE CAUCHO-DIAM.INT.9,5mm	3	10.00	3.6991	36.99
580	83407010080	PINTURA MARRON OCRE EN PASTA	4	0.00	0.1391 #	0.00



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Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



Cantidades al: 31/08/94
Precios al: 31/07/94

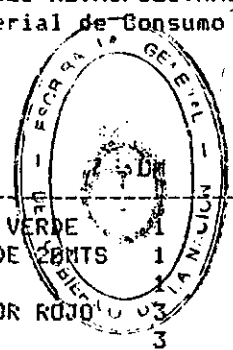
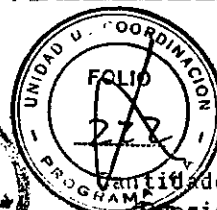
ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
581	83430315600	ESMALTE SINT. ALUMINIO FURD	0.00	5.0131	0.00
582	83900510180	GAS-OIL	0.00	0.1900	0.00
583	83900510350	KEROSENE	0.00	0.5013	0.00
584	83901010010	COMBUSTIBLE SOLIDO CARBON	0.00	0.7118	0.00
585	83970411000	ACEITE DE TRANSFORMADOR	0.00	1.0330	0.00
586	83973611050	ACEITE YPF. 408	5	1.6811	0.00
587	83973611100	ACEITE NRO.412	5	1.6573	0.00
588	83973811100	ACEITE FERRODIESEL SERIE 1-40	5	1.9110	0.00
589	83973911050	ACEITE HD 30 S.3	5	1.5100	0.00
590	83973911200	ACEITE HD.SERIE 3 SAE 40	5	1.6061	0.00
591	83976311140	1	4	1.9837	0.00
592	85020110020	ELECTRODO C/REVEST.2X6X300 MM	4	0.1391 #	0.00
593	85020110120	ELECTRODO C/REV.P/ROJA 2.5 MM	4	2.00	6.73
594	85020110130	ELECTRODO C/REV.3X350 MM P/ROJ	4	2.00	6.48
595	85020120120	ELECTRODO TIP.E6013 2MM DIAMT	4	0.00	0.00
596	85020120130	ELECTRODOS SERIE 60 3X1/8"	4	0.00	0.00
597	85020120140	ELECTRODOS TIP.E4313 4MMX5/32"	4	0.00	0.00
598	85020120150	ELECTRODO DE 5 MM	4	0.00	0.00
599	85020210030	ELECTRODOS 3 mm.	4	3.00	19.25
600	85020540030	ELECTRODOS TIP.10018	4	0.00	0.00
601	85021040140	ELECTRODOS	4	0.00	0.00
602	85021040230	ELECTRODOS TIP.E-NI-CU-B 3MM	4	0.00	0.00
603	85290530950	FICHAS 300 V 30 A	1	0.00	0.00
604	85291120150	TOMA CORRIEN.BIPOLAR 5A 220W	1	0.00	0.00
605	85291131500	TOMACORRIENTE 300V-30AMP.	1	0.00	0.00
606	85292220100	LLAVE INTERRUP.UNIPOL.5A 220V	1	0.00	0.00
607	85293825107	LLAVE TRIFASICA	1	17.00	148.45
608	85297120150	LLAV.INTER.CERR.220V-20AMP.	1	0.00	0.00
609	85297220100	LLAVE TRIPOLAR 300 V 30 A	1	1.00	51.65
610	85297710260	INTERRUPTOR UNIFOLAR 15A 220V	1	0.00	0.00
611	85307520520	CABLE COBRE DIAM.0,30MM.ROJO	3	0.00	0.00
612	85307520600	CABLE COBRE DIAM.0,35MM.NEGRO	3	0.00	0.00
613	85307520720	CABLE COBRE DIAM.0,40MM.ROJO	3	0.00	0.00
614	85307520800	CABLE COBRE DIAM.0,40MM.NEGRO	3	0.00	0.00
615	85307520900	CABLE COBRE 24 ALAMBRES,NEGRO	3	0.00	0.00
616	85308211520	CABLE COB.SUBT.PVC 3X50X1X25MM	3	200.00	2883.34
617	85308214040	CAB.COBSUBT.AISL.PVC 10X2,5MM	3	600.00	1503.90
618	85308420310	ALAMBRE ESMALTADO SINT.0,18MM	4	1.50	41.43
619	85308420330	ALAMB COBRE ESMALT. 0,200MM	4	1.00	10.65
620	85308420400	ALAMBRE COBRE ESMALTADO 0,300M	4	0.00	0.00
621	85308420430	ALAMBRE COBRE ESMALT.0,355MM	4	0.00	0.00
622	85308460210	ALAMBRE P/BOBINAR 0.11 MM DIAM	4	2.00	0.00
623	85313520850	CARTUCHO FUSIBLE 400A 250V	1	0.00	0.00
624	85314320470	LAMINA FUSIBLE 80 A	1	0.00	0.00
625	85314320600	LAMINA P/CARTUCHO 150A 250V	1	0.00	0.00
626	85314320750	LAMINA FUSIBLE 400 A	1	0.00	0.00
627	85317420020	TERMINAL P/INDENTAR	1	0.00	0.00
628	85317420030	TERMINAL P/INDENTAR 2MM2	1	100.00	4.20
629	85317420100	TERMINAL P/INDENTAR	1	0.00	0.00
630	85317630020	TERMINAL	1	0.00	0.00
631	85318610400	ARRANCADOR 40W 200V	1	0.00	0.00
632	85318910400	BOBINA P/REACTANCIA 40W 220V	1	0.00	0.00
633	85320343410	LAMP/AMP/FOR/PERA 220V 100W	1	0.00	0.00
634	85326960200	LAMPARAS P/AUTO 24 V.20 W.	1	0.00	0.00
635	85340110610	FAROL P/DISCO	1	0.00	0.00
636	85410110300	PILAS 1,5 V TIPO 4 P/TELEFONO	1	2.00	60.64
637	85423050900	BATERIAS P/AUTOMOT 12 V	1	0.00	0.00
638	85423051000	BATERIAS 12V P/AUOMOT.	1	0.00	0.00

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Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



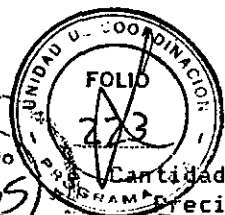
Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
639	85615320250	CINTA AISLADORA PLAST. VERDE	1	0.1391 #	0.00	
640	85615320400	CINTA AISL.COL/AMARIL.DE	1	0.9255	0.00	
641	85615320500	CINTA AISLADORA AZUL	1	0.9255	0.00	
642	85616430200	TUBO AISL.DIAM.2MM.COLOR ROJO	5.00	0.0495	0.25	
643	85616430400	TUBO AISLANTE 11.30	3	0.1364	0.00	
644	85616430700	TUBO AISLANTE	3	30.00	0.1391 #	4.17
645	85616430900	TUBO AISLANTE DE PVC 9 MM DIAM	3	20.00	0.0000 +	0.00
646	85616433000	TUBO AISLANTE DE PVC 30 MM.INT	3	20.00	5.2313	104.63
647	88011220307	BOMBA CENTRIF.MEC.P/COMPRESOR	1	2.00	4.5561	9.11
648	88011520600	FILTRO P/COMPRESOR	1	0.00	0.1391 #	0.00
649	89110171500	ARANDELAS PLANAS 1/4	4	0.00	92.8665	0.00
650	89110310050	ARANDELA PLANA REDONDA	4	0.00	3.5092	0.00
651	89110310100	ARANDELA PLANA DIAM.7mm	4	0.00	3.5092	0.00
652	89110310200	ARANDELA PLANAS REDONDAS	4	0.50	3.5092	1.75
653	89110310300	ARANDELA PLANA REDONDA	4	0.30	3.5493	1.06
654	89110310400	ARANDELA PLA/RED P/TUERC EXAGO	4	4.50	3.6452	16.40
655	89110310550	ARAND.PLANA REDON.P/TUERC.EXAG	4	0.00	3.6452	0.00
656	89110310700	ARANDELA	4	36.00	3.6452	131.23
657	89110310850	ARANDELAS PLANAS	4	0.00	3.6452	0.00
658	89112731050	ARANDELA PRESION CROWER	4	0.00	0.1391 #	0.00
659	89112731100	ARANDELA GROVER 4.2 MM	4	0.00	5.8945	0.00
660	89112731200	ARAND.DE PRESION GROVER INT6,6	4	0.30	7.0183	2.11
661	89112731250	ARANDELA D/PRES. 7.5 MM	4	0.00	7.0183	0.00
662	89112731300	ARANDELA PRESION DIA.INT.9,8MM	4	0.60	7.0183	4.21
663	89112731450	ARANDELAS GROVER DE 1/2	4	0.50	4.1188	2.06
664	89112731600	ARAN.PRESION COMUN.INT.16,4MM	4	0.20	4.1188	0.82
665	89112731700	ARAND.DE PRESION DI.INT.19,5mm	4	0.00	4.1188	0.00
666	89112731800	ARAND.DE PRESION DIA.I.22,7 mm	4	0.00	4.1188	0.00
667	89112731850	ARAND.PRESION DIA.INT.26mm.	4	14.00	4.1188	57.66
668	89119911010	ARANDELA CUADRADA 12.7 MM	4	11.00	0.1391 #	1.53
669	89119911030	ARANDELA CUADRADA 15.9 MM	4	0.00	0.0000 +	0.00
670	89119911050	ARANDELA CUADRADA 19.1 MM	4	14.00	0.0000 +	0.00
671	89128530750	BULONES CAB.EXAG.	4	0.00	2.6068	0.00
672	89128530810	BULONES CAB.EX.LONG.NOM.6,3mm.	4	40.00	3.4590	138.36
673	89128530990	BULONES CAB.EX.ROSCA W.	4	37.00	2.9861	110.47
674	89128531050	BULONES CAB.EXAG.LONG.100mm.	4	0.00	3.5525	0.00
675	89128531320	BULON CABEZA Y TUERCA EXAGONAL	4	10.00	3.0079	30.08
676	89128532070	BULONES CAB.EXAG.LONG.63mm.	4	0.00	3.9102	0.00
677	89128532130	BULONES CAB.EXAG.LONG.76mm.	4	0.00	2.6977	0.00
678	89128532190	BULONES CAB.EXAG.LONG.90mm.	4	0.00	3.6039	0.00
679	89128532280	BULONES CAB.EXAG.LONG.125mm.	4	1.50	4.4380	6.66
680	89128532400	BULON CABEZA Y TUERCA EXAGONAL	4	16.00	4.3113	68.98
681	89128532510	BULONES 1/2 X 1	4	0.00	0.9023	0.00
682	89128532600	BULON DE HIERRO 12.7 X 44 MM	4	3.00	9.2045	27.61
683	89128532700	BULONES CAB.EXAG.LONG.38mm.	4	0.00	3.9129	0.00
684	89128532720	BULON	4	0.00	4.3762	0.00
685	89128532740	BULONES CAB.EXAG.LONG.50mm.	4	0.00	2.5742	0.00
686	89128532820	BULONES CAB.EXAG.LONG.76mm.	4	32.00	4.0365	129.17
687	89128532880	BULONES CAB.EXAG.LONG.100mm.	4	2.00	2.7493	5.50
688	89128532960	BULONES CAB.EXAG.LONG.155mm.	4	24.00	4.5118	108.28
689	89128533020	BULONES CAB.EXAG.LONG.200mm.	4	30.00	4.4278	132.83
690	89128533440	BULONES CAB.EXAG.LONG.38mm.	4	2.00	4.1188	8.24
691	89128533500	BULONES CAB.EXAG.LONG.NOM.50mm	4	4.70	3.5525	16.70
692	89128533530	BULON CABEZA Y TUERCA EXAGONA,	4	0.00	2.5742	0.00
693	89128533560	BULONES CAB.EXAG.LONG.63mm.	4	9.00	2.5742	23.17
694	89128533620	BULONES CAB.EXAG.LONG.76mm.	4	29.00	4.0777	118.25
695	89128533710	BULONES CAB.EXAG.LONG.100mm.	4	54.00	4.4278	239.10
696	89128533770	BULONES CAB.EXAG.LONG.125mm.	4	20.00	4.4278	88.56

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Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



FOLIO 2205

Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
697	89128533830	BULONES CAB.EXAG.LONG.155mm.	4	0.00	4.4280	0.00
698	89128533860	BULONES CAB.EXAG.LONG.175mm.	19	0.00	4.4278	84.13
699	89128533890	BULONES CAB.EXAG.LONG.200mm.	40	0.00	4.4278	177.11
700	89128533920	BULONES CABEZA Y TUERCA EXAGON	4	13.00	4.3113	56.05
701	89128533950	BULONES CABEZA Y TUERCA EXAGON	4	83.50	4.3113	359.99
702	89128533980	BULON	4	51.00	3.1158	158.91
703	89128534010	BULON CABEZA Y TUERCA EXAGONAL	4	51.00	3.1968	163.04
704	89128534040	BULONES	4	114.00	3.5092	400.05
705	89128534130	BULON CABEZA Y TUERCA EXAGONAL	4	16.00	11.4054	182.49
706	89128534190	BULON CABEZA Y TUERCA EXAGONAL	4	34.00	3.1993	108.78
707	89128534220	BULON 15.9 X 480 MM	4	5.00	0.1391 #	0.70
708	89128534310	BULONES CAB.EXAG.LONG.38mm.	4	3.00	1.0026	3.01
709	89128534370	BULONES CAB.EXAG.LONG.50mm.	4	29.00	4.4278	128.41
710	89128534430	BULONES CAB.EXAG.LONG.63mm.	4	52.60	4.5204	237.77
711	89128534460	BULON CABEZA Y TUERCA EXAGONAL	4	0.00	5.2604	0.00
712	89128534490	BULONES CAB.EXAG.LONG.76mm.	4	53.00	4.4278	234.67
713	89128534550	BULONES CAB.EXAG.DE 10 HILOS	4	10.00	4.4278	44.28
714	89128534640	BULONES CAB.EXAG.LONG.125mm.	4	7.00	4.4278	30.99
715	89128534670	BULONES CAB EXAG.LONG.140mm.	4	45.00	4.4278	199.25
716	89128534700	BULONES CAB.EXAG.LONG.155mm.	4	30.00	4.3113	129.34
717	89128534760	BULONES CAB.EXAG.LONG.200mm.	4	115.00	4.4278	509.20
718	89128534790	BULONES CAB.EXAG.LONG.225mm.	4	31.00	4.4278	137.26
719	89128534820	BULONES CAB.EXAG.LONG.250mm.	4	67.00	4.4278	296.66
720	89128534850	BULON CABEZA Y TUERCA EXAGONAL	4	24.00	4.3113	103.47
721	89128534910	BULON CABEZA Y TUERCA EXAGONAL	4	8.00	4.4278	35.42
722	89128534970	BULON CABEZA Y TUERCA EXAGONAL	4	10.00	4.4278	44.28
723	89128535630	BULONES CAB.EXAG.7/8" - 9HILOS	4	18.00	4.6645	83.96
724	89128536410	BULON 25.4 X 82 MM	4	25.00	0.1391 #	3.48
725	89128560600	BULON CABEZA Y TUERCA EXAGONAL	4	0.00	6.5746	0.00
726	89128740630	BULON 5/8" X 63 MM	4	2.00	0.0000 +	0.00
727	89128740690	BULON 5/8" X 82 MM	4	0.00	0.0000 +	0.00
728	89129933120	BULON 3/8" X 95 MM	4	0.00	0.0000 +	0.00
729	89129933270	BULON 1/2" X 95 MM	4	0.00	0.0000 +	0.00
730	89129933420	BULON 1/2" X 146 MM	4	0.00	0.1391 #	0.00
731	89129934320	BULON 3/4" X 63 MM	4	27.00	0.0000 +	0.00
732	89129934500	BULON 3/4" X 146 MM	4	4.00	0.0000 +	0.00
733	89129934530	BULON 3/4" X 159 MM	4	8.00	0.1391 #	1.11
734	89129934620	BULONES DE 3/4" X 8"	4	9.50	5.0131	47.62
735	89129934650	BULONES DE 19,4 x 215 mm.	4	0.00	5.0131	0.00
736	89155531450	1	1	80.00	0.0125	1.00
737	89155532550	PASADOR DE ALETA 2.7 X 44 MM	1	240.00	0.0369	8.06
738	89155533000	PASADORES 3,7 x 38mm.	1	10.00	0.0701	0.70
739	89155533200	PASADORES 3,7 x 63mm.	1	390.00	0.0306	11.93
740	89155533400	PASADOR DE ALETA TIPO F	1	0.00	0.1391 #	0.00
741	89155533550	PASADORES 4,7 x 38mm.	1	70.00	0.0802	5.61
742	89155533650	PASADORES 4,7 x 50mm.	1	35.00	0.0925	3.24
743	89190112000	TIRAFONDO CAB.CDA.9,5X63MM.LGO	1	500.00	0.6098	304.90
744	89190123200	TIRAFOND.DIAM.12,5X50mm.LARGO	1	443.00	0.2130	94.36
745	89190123250	TIRAFOND.DIAM.12,5X63mm.LARGO	1	25.00	0.5013	12.53
746	89190123350	TIRAFONDOS DE 3 x 1/2"	1	89.00	0.9103	81.02
747	89190123600	TIRAFOND.DIAM.12,5X160mm.largo	1	20.00	0.7720	15.44
748	89190124100	TIRAFONDO 16 X 125 MM	1	799.00	3.3730	2695.03
749	89190124700	TIRAFONDO C/CUAD.19X100MM	1	10.00	0.6176	6.18
750	89200514150	TORNILLOS	1	400.00	0.0170	6.80
751	89210112200	TORNILLO DE BRONCE 22/40"	1	73.00	0.1558	11.37
752	89220112140	TORNILLOS P/METAL CAB.RED.38mm	1	0.00	0.0603	0.00
753	89290591250	CABO FIBR.ALGOD.TRENZADO 25 MM	4	25.00	0.0000 +	0.00
754	89999533019	ESCUABRA P/GRAMPA DE COLGAR	1	0.00	0.0000 +	0.00

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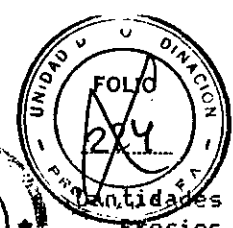
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 14

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



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Quantidades al: 31/08/94
Precios al: 31/07/94

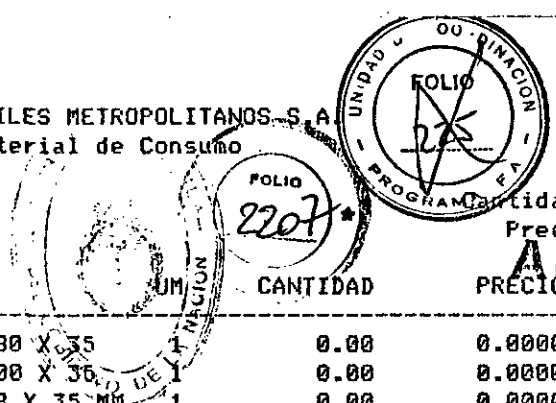
ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
755	89999533029	TABLERO 2 LLAV.COMMUT.LLAV.COR	1	1.00	0.0000 +	0.00
756	89999533039	RELAY TIPO KAMSA 20/27 VCC	1	6.00	0.0000 +	0.00
757	89999533049	RELAY GRAL.RAIWAL SIGNAL 12	1	14.00	0.0000 +	0.00
758	89999533059	BOTONES PULSADORES	1	0.00	0.0000 +	0.00
759	89999533069	CAJA C/RELES TIPO R4 EQUIP.ATS	1	0.00	0.0000 +	0.00
760	89999533079	CAJA C/RELES TIPO R3 EQUIP.ATS	1	0.00	0.0000 +	0.00
761	89999533089	CAJA C/RELES TIPO R2 EQUIP.ATS	1	0.00	0.0000 +	0.00
762	89999533099	CAJA C/RELES TIPO R1 EQUIP.ATS	1	7.00	0.0000 +	0.00
763	89999533109	CABLE C/CUBIER.YUTE 32X2.5 MM	1	0.00	0.0000 +	0.00
764	89999533119	CAJA EMPALME TUBULAR FUNDICION	1	17.00	0.0000 +	0.00
765	89999533129	ESTANO P/SOLD.EN RIELES (LIGA)	4	30.00	0.0000 +	0.00
766	89999533139	CONTADOR HND 4 24 V HITACHI	1	2.00	0.0000 +	0.00
767	89999533149	CABLE PVC 3 MM	3	0.00	0.0000 +	0.00
768	89999533159	BULON CADMIADO 23 X 120 MM	1	89.00	0.0000 +	0.00
769	89999533169	BULON CADMIADO 23 X 130 MM	1	20.00	0.0000 +	0.00
770	89999533179	BULON CADMIADO 23 X 90 MM	1	180.00	0.0000 +	0.00
771	89999533189	BULON CADMIADO 23 X 70 MM	1	16.00	0.0000 +	0.00
772	89999533669	BULON CADMIADO 23 X 60 MM	1	12.00	0.0000 +	0.00
773	89999533679	BULON CADMIADO 23 X 75 MM	1	90.00	0.0000 +	0.00
774	89999533689	BULON CADMIADO 19.1 X 110 MM	1	112.00	0.0000 +	0.00
775	89999533699	BULON CADMIADO 19.1 X 120 MM	1	74.00	0.0000 +	0.00
776	89999533709	BULON CADMIADO 19.1 X 90 MM	1	450.00	0.0000 +	0.00
777	89999533719	BULON CADMIADO 19.1 X 100 MM	1	238.00	0.0000 +	0.00
778	89999533729	BULON CADMIADO 19.1 X 80 MM	1	25.00	0.0000 +	0.00
779	89999533739	BULON CADMIADO 15.8 X 45 MM	1	60.00	0.0000 +	0.00
780	89999533749	BULON CADMIADO 15.8 X 65 MM	1	60.00	0.0000 +	0.00
781	89999533759	ARANDELA PRESION CINCADA 3/4"	1	1000.00	0.0000 +	0.00
782	89999533769	ARANDELA PRESION CINCADA 7/8"	1	700.00	0.0000 +	0.00
783	89999533779	TUERCA CADMIADA 19 MM	1	120.00	0.0000 +	0.00
784	89999533789	TURCA CADMIADA 1 1/4"	1	330.00	0.0000 +	0.00
785	89999533799	PERNO (EJE) 200 X 30 MM	1	9.00	0.0000 +	0.00
786	89999533809	PERNO 23.8 X 69 MM	1	67.00	0.0000 +	0.00
787	89999533819	CONTACTO CONMUTADOR	1	11.00	0.0000 +	0.00
788	89999533829	VARILLA CAJA FORMADORA	1	5.00	0.0000 +	0.00
789	89999533839	TABLERO C/2 LLAVES CONMUTADOR	1	1.00	0.0000 +	0.00
790	89999534029	TABLERO F/10 FUSIB.A CARTUCHO	1	2.00	0.0000 +	0.00
791	89999534039	RELAY RAIWAL SIGNAL WESTIMINST	1	0.00	0.0000 +	0.00
792	89999534049	UNIDADES OPTICAS S/POSTALAMP.	1	14.00	0.0000 +	0.00
793	89999534059	PORTAFUSIBLE SICA 300 V	1	9.00	0.0000 +	0.00
794	89999534069	RECTIFICADOR DE SILIC. TIPO CB	1	3.00	0.0000 +	0.00
795	89999534079	MOTOR DINAMO (JUEGO)	1	2.00	0.0000 +	0.00
796	89999534089	RESISTENCIA CIRC. VIA 25 OHMS	1	0.00	0.0000 +	0.00
797	89999534099	LIBRADOR DE INTERVALO	1	2.00	0.0000 +	0.00
798	89999534109	CONTACTO MERCURIO	1	7.00	0.0000 +	0.00
799	89999534119	CARGADORES ACONDIC.220 V/12 V	1	0.00	0.0000 +	0.00
800	89999534129	BARRA DE CAMBIO S/POSIC.	1	6.00	0.0000 +	0.00
801	89999535569	BULON 3/4" X 220 MM	1	0.00	0.0000 +	0.00
802	89999535579	BULON 29/32" X 120 MM	1	41.00	0.0000 +	0.00
803	89999535589	BULON 59/64" X 75 MM	1	0.00	0.0000 +	0.00
804	89999535599	BULON 25/32" X 100 MM	1	120.00	0.0000 +	0.00
805	89999535609	BULON 25/32" X 113 MM	1	0.00	0.0000 +	0.00
806	89999535619	BULON 5/8" X 65 MM	1	0.00	0.0000 +	0.00
807	89999535629	BULON 7/16" X 40 MM	1	5.00	0.0000 +	0.00
808	89999535639	BULON 29/64" X 31.75 MM	1	0.00	0.0000 +	0.00
809	89999535649	BARRA VINCULAC.ACCION.770 X 35	1	0.00	0.0000 +	0.00
810	89999535659	BARRA VINC.ACCION.1022 X 35 MM	1	1.00	0.0000 +	0.00
811	89999535669	EXTREMO C/HORQ.BARRA TRANSM.	1	3.00	0.0000 +	0.00
812	89999535679	BARRA ACCION.S/POS. 240 X 35	1	0.00	0.0000 +	0.00

OP

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Cantidades al: 31/03/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
813	89999535689	BARRA ACCION.S/POS.1780 X 35		0.00	0.0000 +	0.00
814	89999535699	BARRA ACCION.S/POS.1300 X 30		0.00	0.0000 +	0.00
815	89999535709	BARRA DETEC.S/POS.1128 X 35 MM	1	0.00	0.0000 +	0.00
816	89999535719	BARRA ACCION.S/POS.1100 X 35	1	0.00	0.0000 +	0.00
817	89999535729	BASE SOPORTE INDIC.MANIOBRAS	1	0.00	0.0000 +	0.00
818	89999535739	BARRA ATAQUE S/POS.L.980 X 500	1	0.00	0.0000 +	0.00
819	89999535749	BARRA ATAQUE S/POS.L.100 X 700	1	0.00	0.0000 +	0.00
820	89999610010	BARRA ATAQUE S/POS.L.1.300	1	0.00	0.0000 +	0.00
821	89999610020	BARRA ATAQUE S/POS.L.1000	1	0.00	0.0000 +	0.00
822	89999610030	RELEVAD.ENCHUF.MOD.RD 24 V	1	1.00	0.0000 +	0.00
823	89999610040	RELEVAD.ENCHUF.24 V 400 OHMS	1	1.00	0.0000 +	0.00
824	89999610050	CAJA RELEVAD.RH.EQUIP.ATS	1	0.00	0.0000 +	0.00
825	89999610060	LLAVE MESA COMANDO VR 3010 D	1	2.00	0.0000 +	0.00
826	89999610070	MOSAICOS P/PANEL CONTROL DISTR	1	58.00	0.0000 +	0.00
827	89999610080	RESISTENCIA 15 OHMS	1	1.00	0.0000 +	0.00
828	89999610090	RESISTENCIA 450 OHMS	1	1.00	0.0000 +	0.00
829	89999610100	RESISTENCIA 820 OHMS	1	1.00	0.0000 +	0.00
830	89999610110	RESISTENCIA ALAMBRE 4 K OHMS	1	10.00	0.0000 +	0.00
831	89999610120	FUENTE FS.300-28	1	1.00	0.0000 +	0.00
832	89999610130	FUENTE DR.05-20 M	1	1.00	0.0000 +	0.00
833	89999610140	FUENTE DR.12-05 M	1	1.00	0.0000 +	0.00
834	89999610150	FUENTE VHR - 9-28 V 1.1 A	1	1.00	0.0000 +	0.00
835	89999610160	FUENTE VES 9-5	1	4.00	0.0000 +	0.00
836	89999610170	FUENTE FL.1817 G	1	1.00	0.0000 +	0.00
837	89999610180	CRISTAL RY 4136 A - 300	1	1.00	0.0000 +	0.00
838	89999610190	PLAQUETA C/BOBINA Y RESISTENC.	1	0.00	0.0000 +	0.00
839	89999610200	GRAMPA HP-3 N	1	1.00	0.0000 +	0.00
840	89999610210	PLAQUETA ADP - 10	1	0.00	0.0000 +	0.00
841	89999610220	PLAQUETA ADP-1 D	1	0.00	0.0000 +	0.00
842	89999610230	PLAQUETA ADP - 1E	1	0.00	0.0000 +	0.00
843	89999610240	PLAQUETA ADP-1F	1	0.00	0.0000 +	0.00
844	89999610250	PLAQUETA ADP-1G	1	0.00	0.0000 +	0.00
845	89999610260	PLAQUETA ADP-1H	1	0.00	0.0000 +	0.00
846	89999610270	PLAQUETA ADP-1K	1	0.00	0.0000 +	0.00
847	89999610280	PLAQUETA ADP-2A	1	0.00	0.0000 +	0.00
848	89999610290	PLAQUETA ADP-4A	1	0.00	0.0000 +	0.00
849	89999610300	PLAQUETA ADP-6A	1	0.00	0.0000 +	0.00
850	89999610310	PLAQUETA ADP-7A	1	0.00	0.0000 +	0.00
851	89999610320	PLAQUETA ADP-9A	1	0.00	0.0000 +	0.00
852	89999610330	PLAQUETA FRY	1	0.00	0.0000 +	0.00
853	89999610340	PLAQUETA LDV	1	0.00	0.0000 +	0.00
854	89999610350	PLAQUETA JFK	1	0.00	0.0000 +	0.00
855	89999610360	PLAQUETA PS.SZ.1140 A 110	1	0.00	0.0000 +	0.00
856	89999610370	PLAQUETA PS.SZ.1140 A 130	1	0.00	0.0000 +	0.00
857	89999610380	PLAQUETA T-SZ-1140 A 120	1	0.00	0.0000 +	0.00
858	89999610390	PLAQUETA DMX	1	0.00	0.0000 +	0.00
859	89999610400	PLAQUETA MDM-12	1	0.00	0.0000 +	0.00
860	89999610410	PLAQUETA FIP-SB-UN 11	1	0.00	0.0000 +	0.00
861	89999610420	PLAQUETA FIP-S-UN 11	1	0.00	0.0000 +	0.00
862	89999610430	PLAQUETA ADP-A	1	0.00	0.0000 +	0.00
863	89999610440	PLAQUETA ADP-1B	1	0.00	0.0000 +	0.00
864	89999610450	PLAQUETA ADP-1A	1	0.00	0.0000 +	0.00
865	89999610460	CIRC.INTEG.2764	1	10.00	0.0000 +	0.00
866	89999610470	RELEVADOR AP 6222	1	3.00	0.0000 +	0.00
867	89999610480	RELEVADOR CM 1001 A	1	0.00	0.0000 +	0.00
868	89999610490	CIRCUITO INTEGR.TC 5565	1	2.00	0.0000 +	0.00
869	89999610500	CABLE MULTIFAR C/CONEC.DIN 8PS	1	1.00	0.0000 +	0.00
870	89999610510	PLAQUETA SREC.A	1	0.00	0.0000 +	0.00

ANEXO

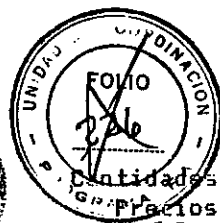
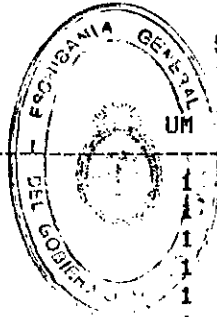
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 16

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



Cantidades al: 31/08/94
Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
871	89999610520	PLAQUETA CRT-C-A	1	0.00	0.0000 +	0.00
872	89999610530	PLAQUETA MM 64 NI	1	0.00	0.0000 +	0.00
873	89999610540	PLAQUETA MM 64 N2	1	0.00	0.0000 +	0.00
874	89999610550	PLAQUETA MM 64 N3	1	0.00	0.0000 +	0.00
875	89999610560	PLAQUETA MM 64-N4	1	0.00	0.0000 +	0.00
876	89999610570	PLAQUETA MM 64-N5	1	0.00	0.0000 +	0.00
877	89999610580	PLAQUETA MM 85	1	0.00	0.0000 +	0.00
878	89999610590	PLAQUETA DOT	1	0.00	0.0000 +	0.00
879	89999610600	PLAQUETA KEYI	1	0.00	0.0000 +	0.00
880	89999610610	PLAQUETA SCON	1	0.00	0.0000 +	0.00
881	89999610620	PLAQUETA SCP	1	0.00	0.0000 +	0.00
882	89999610630	PLAQUETA IOC	1	0.00	0.0000 +	0.00
883	89999610640	CASETA BURB.MAGNET.32 R	1	2.00	0.0000 +	0.00
884	89999610650	CASETA BURB.MAGNET.128 K	1	7.00	0.0000 +	0.00
885	89999610660	RECEP.P/BURB.FBM-U-502 GU	1	1.00	0.0000 +	0.00
886	89999610670	PLAQUETA ACB.EXTENS.PR.4511-4	1	1.00	0.0000 +	0.00
887	89999610680	CAFUCHONES P/BORNES BATERIAS	1	49.00	0.0000 +	0.00
888	89999610690	TAPONES A ROSCA P/BATERIAS	1	2.00	0.0000 +	0.00
889	89999610700	PCB MOM-12-A	1	0.00	0.0000 +	0.00
890	89999610710	BOBINA ADAPT.600/10400/1370 OH	1	1.00	0.0000 +	0.00
891	89999610720	MULTIPAR CONEC. DE 40 PINES	1	2.00	0.0000 +	0.00
892	89999610730	CAJA PLASTICA FORTA REP.	1	1.00	0.0000 +	0.00
893	89999610740	CABLE DE 1 MM 1/IPT	3	100.00	0.0000 +	0.00
894	89999610750	CONSOLA COMANDO SEFTMZ 146 QF	1	1.00	0.0000 +	0.00
895	89999610760	RELE ESTADO SOLIDO 12.5 AP.3	1	0.00	0.0000 +	0.00
896	89999610770	RELE ESTADO SOLIDO 100 AP.4	1	0.00	0.0000 +	0.00
897	89999610780	RELE TIEM.VARIA.NCHL-61 DG-20	1	1.00	0.0000 +	0.00
898	89999610790	RELE TIEM.VAR.NCHL-61 DC-19-28	1	1.00	0.0000 +	0.00
899	89999610800	FLOPPY DISK 5 114	1	10.00	0.0000 +	0.00
900	89999610810	FUSIBLE PROT.DIODO HOA 12-500	1	1.00	0.0000 +	0.00
901	89999610820	PAPEL P/GRAFICAR DIAGR.TRENES	1	300.00	0.0000 +	0.00
902	89999610830	CABLE PLANO DE 34 COND.C/CON.	1	1.00	0.0000 +	0.00
903	89999610840	CABLE PLANO DE 26 COND.CORTOS	1	2.00	0.0000 +	0.00
904	89999610850	CABLE LARGO C/CONECTORES	1	1.00	0.0000 +	0.00
905	89999610860	TIMER ST1 3 PAA	1	4.00	0.0000 +	0.00
906	89999610870	RELEVADOR SM-24	1	4.00	0.0000 +	0.00
907	89999610880	GRIVER P/BUBUJERA MB 22605	1	1.00	0.0000 +	0.00
908	89999610890	FUENTE PSAS-10	1	0.00	0.0000 +	0.00
909	89999610900	FUENTE PSD-5-20	1	2.00	0.0000 +	0.00
910	89999610910	FUENTE PSD-5-10	1	2.00	0.0000 +	0.00
911	89999610920	FUENTE PSA-5-30	1	0.00	0.0000 +	0.00
912	89999610930	FUENTE PSD-122	1	1.00	0.0000 +	0.00
913	89999610940	PLAQUETA TNOT 2 A	1	0.00	0.0000 +	0.00
914	89999610950	PLAQUETA TRNO-A	1	0.00	0.0000 +	0.00
915	89999610960	PLAQUETA MP IO-A	1	0.00	0.0000 +	0.00
916	89999610970	PLAQUETA BUR IO-A	1	0.00	0.0000 +	0.00
917	89999610980	PLAQUETA TNOT 1-A	1	0.00	0.0000 +	0.00
918	89999610990	PLAQUETA TRN 1-A	1	0.00	0.0000 +	0.00
919	89999611000	PLAQUETA SCS-A	1	0.00	0.0000 +	0.00
920	89999611010	RELEVADOR SM-1001 A 12 V	1	1.00	0.0000 +	0.00
921	89999611020	RELEVADOR CM 1001-A 24 V	1	2.00	0.0000 +	0.00
922	89999611030	RELEVADOR CM 1001-A 48 V	1	2.00	0.0000 +	0.00
923	89999611040	RECEP.P/COMP.FUJITSU	1	0.00	0.0000 +	0.00
924	89999611050	RECEP.P/BURB.FBM-U 502 A	1	1.00	0.0000 +	0.00
925	89999611060	CABLE DE PRUEBA M-1 P	1	1.00	0.0000 +	0.00
926	89999611070	CABLE MALLADO DE 1 PAR	3	60.00	0.0000 +	0.00
927	89999611080	PROLONGADOR C/FICHA P 110	1	1.00	0.0000 +	0.00
928	89999611090	MULTIPAR D/28 PARES CONECT/BOR	1	1.00	0.0000 +	0.00

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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 17

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Cantidades al: 31/08/94
Folio 2209

#####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
929	89999611100	MONITOR VERDE MB 27304-A	1	1.00	0.0000 +	0.00
930	89999611110	COMPUTADORA FUJITSU MICRO 8	1	1.00	0.0000 +	0.00
931	89999611120	ADAPTADOR P/BURBUJA MB 22609	1	1.00	0.0000 +	0.00
932	89999611130	PLAQUETA REP-1	1	0.00	0.0000 +	0.00
933	89999611140	PLAQUETA REP-2	1	0.00	0.0000 +	0.00
934	89999611150	PLAQUETA RET 3	1	0.00	0.0000 +	0.00
935	89999611160	PLAQUETA SPW	1	0.00	0.0000 +	0.00
936	89999611170	PLAQUETA DIFS	1	2.00	0.0000 +	0.00
937	89999611180	PLAQUETA PHC	1	2.00	0.0000 +	0.00
938	89999611190	PLAQUETA DEC	1	2.00	0.0000 +	0.00
939	89999611200	PLAQUETA BCN	1	2.00	0.0000 +	0.00
940	89999611210	PLAQUETA 20 R	1	2.00	0.0000 +	0.00
941	89999611220	PLAQUETA 2NOR	1	2.00	0.0000 +	0.00
942	89999611230	PLAQUETA KIG 1	1	2.00	0.0000 +	0.00
943	89999611240	PLAQUETA KIG 2	1	2.00	0.0000 +	0.00
944	89999611250	PLAQUETA KIG 3	1	2.00	0.0000 +	0.00
945	89999611260	PLAQUETA SDI	1	0.00	0.0000 +	0.00
946	89999611269		1	0.00	0.0000 +	0.00
947	89999611270	PLAQUETA 1 F 1	1	0.00	0.0000 +	0.00
948	89999611279		1	0.00	0.0000 +	0.00
949	89999611280	PLAQUETA DIFL	1	2.00	0.0000 +	0.00
950	89999611289		1	0.00	0.0000 +	0.00
951	89999611290	PLAQUETA FRY 2	1	2.00	0.0000 +	0.00
952	89999611299		1	0.00	0.0000 +	0.00
953	89999611300	PLAQUETA SIO 1	1	1.00	0.0000 +	0.00
954	89999611309		1	0.00	0.0000 +	0.00
955	89999611310	PLAQUETA UART	1	1.00	0.0000 +	0.00
956	89999611319		1	0.00	0.0000 +	0.00
957	89999611320	PLAQUETA LMT	1	2.00	0.0000 +	0.00
958	89999611329		1	0.00	0.0000 +	0.00
959	89999611330	PLAQUETA CREC	1	2.00	0.0000 +	0.00
960	89999611339		1	0.00	0.0000 +	0.00
961	89999611340	PLAQUETA STRN	1	1.00	0.0000 +	0.00
962	89999611349		1	0.00	0.0000 +	0.00
963	89999611350	PLAQUETA CCON	1	2.00	0.0000 +	0.00
964	89999611359		1	0.00	0.0000 +	0.00
965	89999611360	PLAQUETA CTRN	1	2.00	0.0000 +	0.00
966	89999611369		1	0.00	0.0000 +	0.00
967	89999611370	PLAQUETA SFL	1	1.00	0.0000 +	0.00
968	89999611379		1	0.00	0.0000 +	0.00
969	89999611380	PLAQUETA IFT	1	2.00	0.0000 +	0.00
970	89999611389		1	0.00	0.0000 +	0.00
971	89999611390	PLAQUETA ROM/RAM 2	1	2.00	0.0000 +	0.00
972	89999611399		1	0.00	0.0000 +	0.00
973	89999611400	PLAQUETA CTCI/F	1	1.00	0.0000 +	0.00
974	89999611409		1	0.00	0.0000 +	0.00
975	89999611410	PLAQUETA MDM 12 A	1	2.00	0.0000 +	0.00
976	89999611419		1	0.00	0.0000 +	0.00
977	89999611420	PLAQUETA LMF A	1	2.00	0.0000 +	0.00
978	89999611429		1	0.00	0.0000 +	0.00
979	89999611430	PLAQUETA GCRT	1	1.00	0.0000 +	0.00
980	89999611439		1	0.00	0.0000 +	0.00
981	89999611440	PLAQUETA UAMP	1	1.00	0.0000 +	0.00
982	89999611449		1	0.00	0.0000 +	0.00
983	89999611450	PLAQUETA UCPU	1	1.00	0.0000 +	0.00
984	89999611459		1	0.00	0.0000 +	0.00
985	89999611460	PLAQUETA UDRV	1	2.00	0.0000 +	0.00
986	89999611469		1	0.00	0.0000 +	0.00

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Emisión: 10/11/94

Línea : 21 ROCA

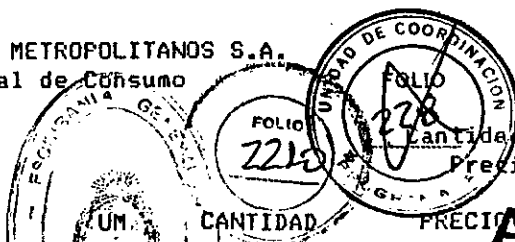
Almacén: 213411 S. Y T. TEMPERLEY

Cantidades al: 31/08/94

Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
987	89999611470	RECEPTACULO BURB.MAG FBM-U502	1	1.00	0.0000 + 0.00
988	89999611479		1	0.00	0.0000 + 0.00
989	89999611480	PLAQUETA EXTENCION MDS-610	1	1.00	0.0000 + 0.00
990	89999611489		1	0.00	0.0000 + 0.00
991	89999611490	RECEPTAC.BURB.MAG FBM U 502 A	1	2.00	0.0000 + 0.00
992	89999611499		1	0.00	0.0000 + 0.00
993	89999611500	UNIDAD TECLADA COMP.FC 5062 A	1	1.00	0.0000 + 0.00
994	89999611509		1	0.00	0.0000 + 0.00
995	89999611510	REACTANCIA	1	4.00	0.0000 + 0.00
996	89999611519		1	0.00	0.0000 + 0.00
997	89999611520	CINTA ADHES.1 HOJA 12 X 35 MM	1	6.00	0.0000 + 0.00
998	89999611529		1	0.00	0.0000 + 0.00
999	89999611530	VARISTOR C 14 DK 431	1	11.00	0.0000 + 0.00
1000	89999611539		1	0.00	0.0000 + 0.00
1001	89999611540	VARISTOR 14 K - 431	1	6.00	0.0000 + 0.00
1002	89999611549		1	0.00	0.0000 + 0.00
1003	89999611550	ZOCALO P/TUBO W O 11 M	1	6.00	0.0000 + 0.00
1004	89999611559		1	0.00	0.0000 + 0.00
1005	89999611560	ZOCALO P/TUBO W O 21 M	1	5.00	0.0000 + 0.00
1006	89999611569		1	0.00	0.0000 + 0.00
1007	89999611570	REDUCTOR 4 GL 15 K	1	4.00	0.0000 + 0.00
1008	89999611579		1	0.00	0.0000 + 0.00
1009	89999611580	MOTOR REVERSIBLE 4 RK 24 GK	1	4.00	0.0000 + 0.00
1010	89999611589		1	0.00	0.0000 + 0.00
1011	89999611590	EXTRACTOR DE AIRE MU 1238 A	1	1.00	0.0000 + 0.00
1012	89999611599		1	0.00	0.0000 + 0.00
1013	89999611600	EXTRACTOR DE AIRE 1095472	1	1.00	0.0000 + 0.00
1014	89999611609		1	0.00	0.0000 + 0.00
1015	89999611610	CONTACTOR DE ACCIONAMIENTO	1	1.00	0.0000 + 0.00
1016	89999611619		1	0.00	0.0000 + 0.00
1017	89999611620	NUCLEO 595 - B 25 - 626 2Z	1	4.00	0.0000 + 0.00
1018	89999611629		1	0.00	0.0000 + 0.00
1019	89999611630	RELE MG 4- DC 24 V	1	1.00	0.0000 + 0.00
1020	89999611639		1	0.00	0.0000 + 0.00
1021	89999611640	RELE AR-1002-SPZ-DG 24 V	1	1.00	0.0000 + 0.00
1022	89999611649		1	0.00	0.0000 + 0.00
1023	89999611650	RELE AE 3214	1	1.00	0.0000 + 0.00
1024	89999611659		1	0.00	0.0000 + 0.00
1025	89999611660	RELE AP 3128 HC 2	1	1.00	0.0000 + 0.00
1026	89999611669		1	0.00	0.0000 + 0.00
1027	89999611670	RELE BW 222419 GUL	1	2.00	0.0000 + 0.00
1028	89999611679		1	0.00	0.0000 + 0.00
1029	89999611680	RELE ESTADO SOLIDO SF 100 H1B	1	4.00	0.0000 + 0.00
1030	89999611689		1	0.00	0.0000 + 0.00
1031	89999611690	RELE AUXILIAR FD 300/A 248	1	7.00	0.0000 + 0.00
1032	89999611699		1	0.00	0.0000 + 0.00
1033	89999611700	POLEA AUXILIAR FD 300/A 353	1	20.00	0.0000 + 0.00
1034	89999611709		1	0.00	0.0000 + 0.00
1035	89999611710	POLEA DFC 1446 S 2023	1	10.00	0.0000 + 0.00
1036	89999611719		1	0.00	0.0000 + 0.00
1037	89999611720	CIRCUITO INTEGR.MB 8167 A	1	10.00	0.0000 + 0.00
1038	89999611729		11	0.00	0.0000 + 0.00
1039	89999611730	MICRO SWITHEH BR - 2RW 8255	1	2.00	0.0000 + 0.00
1040	89999611739		1	0.00	0.0000 + 0.00
1041	89999611740	SWITCH AS 12 APNKR	1	10.00	0.0000 + 0.00
1042	89999611749		1	0.00	0.0000 + 0.00
1043	89999611750	SWITCH LLAVE S 4 9 D BC 3	1	1.00	0.0000 + 0.00
1044	89999611759		1	0.00	0.0000 + 0.00

ANEXO



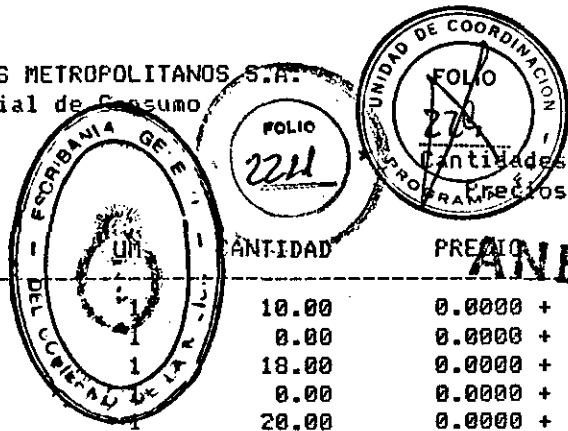
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 19

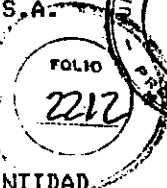
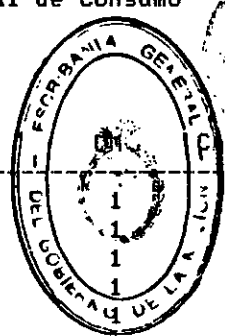
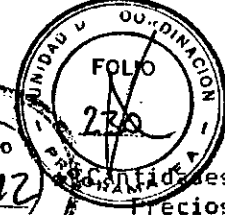
Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
1045	89999611760	DIP.SWITECH DTS 84	10.00	0.0000 +	0.00	
1046	89999611769		0.00	0.0000 +	0.00	
1047	89999611770	FUSIBLE DE VIDRIO 8 A	18.00	0.0000 +	0.00	
1048	89999611779		0.00	0.0000 +	0.00	
1049	89999611780	FUSIBLE PL 4 - 150	20.00	0.0000 +	0.00	
1050	89999611789		1	0.00	0.00	
1051	89999611790	FUSIBLE P.413	1	1.00	0.0000 +	0.00
1052	89999611799		1	0.00	0.0000 +	0.00
1053	89999611800	FUSIBLE P 405	1	2.00	0.0000 +	0.00
1054	89999611809		1	0.00	0.0000 +	0.00
1055	89999611810	MODULO RESORTE	1	60.00	0.0000 +	0.00
1056	89999611819		1	0.00	0.0000 +	0.00
1057	89999611820	OSCILADOR CRISTAL HC 18 U	1	2.00	0.0000 +	0.00
1058	89999611829		1	0.00	0.0000 +	0.00
1059	89999611830	BUJE	1	5.00	0.0000 +	0.00
1060	89999611839		1	0.00	0.0000 +	0.00
1061	89999611840	BUJE CORTO	1	10.00	0.0000 +	0.00
1062	89999611849		1	0.00	0.0000 +	0.00
1063	89999611850	LED TLD 102 A	1	10.00	0.0000 +	0.00
1064	89999611859		1	0.00	0.0000 +	0.00
1065	89999611860	LED C/PORTALED SDZ 205 CGD	1	0.00	0.0000 +	0.00
1066	89999611869		1	0.00	0.0000 +	0.00
1067	89999611870	LED PORTALED SDB 205 SGD	1	3.00	0.0000 +	0.00
1068	89999611879		1	0.00	0.0000 +	0.00
1069	89999611880	OJO DE BUEY BM 5668	1	0.00	0.0000 +	0.00
1070	89999611889		1	0.00	0.0000 +	0.00
1071	89999611890	ROSTATE SRF 112	1	0.00	0.0000 +	0.00
1072	89999611899		1	0.00	0.0000 +	0.00
1073	89999611900	DIODO VO 6 G	1	12.00	0.0000 +	0.00
1074	89999611909		1	0.00	0.0000 +	0.00
1075	89999611910	DIODO 1520 75 K	1	10.00	0.0000 +	0.00
1076	89999611919		1	0.00	0.0000 +	0.00
1077	89999611920	DIODO S 2DC	1	1.00	0.0000 +	0.00
1078	89999611929		1	0.00	0.0000 +	0.00
1079	89999611930	DIODO P2DC	1	2.00	0.0000 +	0.00
1080	89999611939		1	0.00	0.0000 +	0.00
1081	89999611940	DIODO ZENAR RDG 2 FB 2	1	1.00	0.0000 +	0.00
1082	89999611949		1	0.00	0.0000 +	0.00
1083	89999611950	INTERRUPT.NFB-BJ-I2-15-32-250	1	4.00	0.0000 +	0.00
1084	89999611959		1	0.00	0.0000 +	0.00
1085	89999611960	BUJE F 696 ZZ	1	40.00	0.0000 +	0.00
1086	89999611969		1	0.00	0.0000 +	0.00
1087	89999611970	MATACHISPA CR 30100 G	1	1.00	0.0000 +	0.00
1088	89999611979		1	0.00	0.0000 +	0.00
1089	89999611980	MATACHISPA CR 10201 B	1	1.00	0.0000 +	0.00
1090	89999611989		1	0.00	0.0000 +	0.00
1091	89999611990	FILTRO DE RUIDO GT-220 U	1	1.00	0.0000 +	0.00
1092	89999611999		1	0.00	0.0000 +	0.00
1093	89999612000	RESWISTENCIA 10 K	1	1.00	0.0000 +	0.00
1094	89999612009		1	0.00	0.0000 +	0.00
1095	89999612010	TERMOMAGNETICA BW 5660 11 K	1	1.00	0.0000 +	0.00
1096	89999612019		1	0.00	0.0000 +	0.00
1097	89999612020	POLEA PBFC 3	1	0.00	0.0000 +	0.00
1098	89999612029		1	0.00	0.0000 +	0.00
1099	89999612030	RESORTE FOTOCENSOR	1	5.00	0.0000 +	0.00
1100	89999612039		1	0.00	0.0000 +	0.00
1101	89999612040	CABLE 8 CONDUCTORES CI CONduc.	1	1.00	0.0000 +	0.00
1102	89999612049		1	0.00	0.0000 +	0.00

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Linea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

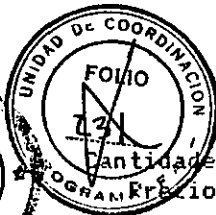


Valores al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
1103	89999612050	CARRO COMPLETO FB 1311-6	1	0.0000 +	0.00	
1104	89999612059		1	0.0000 +	0.00	
1105	89999612060	BOBINA P/CARRO	1	0.0000 +	0.00	
1106	89999612069		1	0.0000 +	0.00	
1107	89999612070	PERILLA K-30	1	0.0000 +	0.00	
1108	89999612079		1	0.0000 +	0.00	
1109	89999612080	PLAQUETA P-A-1610 CA	1	0.0000 +	0.00	
1110	89999612089		1	0.0000 +	0.00	
1111	89999612090	CENTRAL NEAX - 12	1	0.0000 +	0.00	
1112	89999612099		1	0.0000 +	0.00	
1113	89999612100	PLAQUETA - PA-5 W-01-A	1	0.0000 +	0.00	
1114	89999612109		1	0.0000 +	0.00	
1115	89999612110	PLAQUETA - PA-1210-DB	1	0.0000 +	0.00	
1116	89999612119		1	0.0000 +	0.00	
1117	89999612120	PLAQUETA -PA-800 DB	1	19.00	0.0000 +	0.00
1118	89999612129		1	0.0000 +	0.00	
1119	89999612130	PLAQUETA CGI 427 CENTRAL TELEF	1	0.0000 +	0.00	
1120	89999612139		1	0.0000 +	0.00	
1121	89999612140	PLAQUETA CGL-437	1	1.00	0.0000 +	0.00
1122	89999612149		1	0.0000 +	0.00	
1123	89999612150	PLAQUETA SGL-486	1	1.00	0.0000 +	0.00
1124	89999612159		1	0.0000 +	0.00	
1125	89999612160	PLAQUETA SGL 460	1	2.00	0.0000 +	0.00
1126	89999612169		1	0.0000 +	0.00	
1127	89999612170	PLAQUETA SGL 384	1	2.00	0.0000 +	0.00
1128	89999612179		1	0.0000 +	0.00	
1129	89999612180	PLAQUETA SGL 402	1	2.00	0.0000 +	0.00
1130	89999612189		1	0.0000 +	0.00	
1131	89999612190	PLAQUETA SGL 470	1	1.00	0.0000 +	0.00
1132	89999612199		1	0.0000 +	0.00	
1133	89999612200	PLAQUETA SGL 812	1	1.00	0.0000 +	0.00
1134	89999612209		1	0.0000 +	0.00	
1135	89999612210	PLAQUETA SGL 326	1	1.00	0.0000 +	0.00
1136	89999612219		1	0.0000 +	0.00	
1137	89999612220	TELEFONO SIEMENS MASTESER 113	1	0.00	0.0000 +	0.00
1138	89999612229		1	0.0000 +	0.00	
1139	89999612230	BOCINA SW/8 OHMS TALK-BAK	1	23.00	0.0000 +	0.00
1140	89999612239		1	0.0000 +	0.00	
1141	89999612240	MAGNETOS - 601 M NEC	1	1.00	0.0000 +	0.00
1142	89999612249		1	0.0000 +	0.00	
1143	89999612250	MAGNETOS TESLA	1	0.00	0.0000 +	0.00
1144	89999612259		1	0.0000 +	0.00	
1145	89999612260	TELEFONOS TB TELEC PAACKER	1	12.00	0.0000 +	0.00
1146	89999612269		1	0.0000 +	0.00	
1147	89999612270	MAGNETO PORTATIL IWATCU	1	1.00	0.0000 +	0.00
1148	89999612279		1	0.0000 +	0.00	
1149	89999612280	PARLANTES RE-812 18 W 8 OHMS	1	5.00	0.0000 +	0.00
1150	89999612289		1	0.0000 +	0.00	
1151	89999612290	PARLANTES R 812 18 W 8 OHMS	1	19.00	0.0000 +	0.00
1152	89999612299		1	0.0000 +	0.00	
1153	89999612300	MICROTELEFONO P/OPERADORA	1	6.00	0.0000 +	0.00
1154	89999612309		1	0.0000 +	0.00	
1155	89999612310	FUENTE CENTRAL TEL.NEC 5 V 40	1	1.00	0.0000 +	0.00
1156	89999612319		1	0.0000 +	0.00	
1157	89999612320	FUENTE CENTRAL TEL.NEC 12 V 6A	1	0.00	0.0000 +	0.00
1158	89999612329		1	0.0000 +	0.00	
1159	89999612330	TENSIONMETRO P/RIELES	1	5.00	0.0000 +	0.00
1160	89999612339		1	0.0000 +	0.00	

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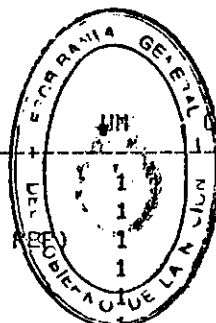
Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



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2213

Vantidades al: 31/08/94
Receios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
1161	89999612340	TELEFONO 601 A REPARAR	5.00	0.0000 +	0.00	
1162	89999612349		0.00	0.0000 +	0.00	
1163	89999612350	TELEFONO 601 A MAGNETO (A REPARAR)	5.00	0.0000 +	0.00	
1164	89999612359		0.00	0.0000 +	0.00	
1165	89999612360	CAJA F-20 A REPARAR	1.00	0.0000 +	0.00	
1166	89999612369		0.00	0.0000 +	0.00	
1167	89999612370	LETRA F 1 A REPARAR	1.00	0.0000 +	0.00	
1168	89999612379		0.00	0.0000 +	0.00	
1169	89999612380	MAQUINA PORTATIL TESLA (A REP)	2.00	0.0000 +	0.00	
1170	89999612389		0.00	0.0000 +	0.00	
1171	89999612390	BOCINA DE PIE TALK-BAKK	0.00	0.0000 +	0.00	
1172	89999612399		0.00	0.0000 +	0.00	
1173	89999612400	BOCINA TALK-BAK P/POSTE	1.00	0.0000 +	0.00	
1174	89999612409		0.00	0.0000 +	0.00	
1175	89999612410	CAJA PARA F 20	4.00	0.0000 +	0.00	
1176	89999612419		0.00	0.0000 +	0.00	
1177	89999612420	FILTRO P/F 20	40.00	0.0000 +	0.00	
1178	89999612429		0.00	0.0000 +	0.00	
1179	89999612430	TRANSISTOR 2S D 110	13.00	0.0000 +	0.00	
1180	89999612439		11	0.00	0.0000 +	0.00
1181	89999612440	TRANSISTOR 2SC 520 A	5.00	0.0000 +	0.00	
1182	89999612449		0.00	0.0000 +	0.00	
1183	89999612450	INTEGRADO - S1- 1020 G	4.00	0.0000 +	0.00	
1184	89999612459		0.00	0.0000 +	0.00	
1185	89999612460	INTEGRADO 4017	6.00	0.0000 +	0.00	
1186	89999612469		0.00	0.0000 +	0.00	
1187	89999612470	INTEGRADO 1489	0.00	0.0000 +	0.00	
1188	89999612479		0.00	0.0000 +	0.00	
1189	89999612480	DIODOS RECTIFIC. 0235	300.00	0.0000 +	0.00	
1190	89999612489		0.00	0.0000 +	0.00	
1191	89999612490	INTEGRADO 60013	0.00	0.0000 +	0.00	
1192	89999612499		0.00	0.0000 +	0.00	
1193	89999612500	INTEGRADO 4093	6.00	0.0000 +	0.00	
1194	89999612509		0.00	0.0000 +	0.00	
1195	89999612510	INTEGRADO - TLP 521	6.00	0.0000 +	0.00	
1196	89999612519		0.00	0.0000 +	0.00	
1197	89999612520	INTEGRADO 4023	6.00	0.0000 +	0.00	
1198	89999612529		0.00	0.0000 +	0.00	
1199	89999612530	INTEGRADO - 12 CD - 12	10.00	0.0000 +	0.00	
1200	89999612539		0.00	0.0000 +	0.00	
1201	89999612540	DIODOS - 12 CC 12	9.00	0.0000 +	0.00	
1202	89999612549		0.00	0.0000 +	0.00	
1203	89999612550	CIRCUITO IMPRESO DMTX	1.00	0.0000 +	0.00	
1204	89999612559		0.00	0.0000 +	0.00	
1205	89999612560	MONTAJE P/SENSOR DE POTENCIA	4.00	0.0000 +	0.00	
1206	89999612569		0.00	0.0000 +	0.00	
1207	89999612570	CIRCUITO IMPRESO RL - IMT-16 A	0.00	0.0000 +	0.00	
1208	89999612579		0.00	0.0000 +	0.00	
1209	89999612580	FUSIBLE 3 A	18.00	0.0000 +	0.00	
1210	89999612589		0.00	0.0000 +	0.00	
1211	89999612590	CABLE DE 5 PINES C/CONECTORES	0.00	0.0000 +	0.00	
1212	89999612599		0.00	0.0000 +	0.00	
1213	89999612600	TRANSISTOR 2 A 3726	0.00	0.0000 +	0.00	
1214	89999612609		0.00	0.0000 +	0.00	
1215	89999612610	CAPACITOR 500 MF/25 V	0.00	0.0000 +	0.00	
1216	89999612619		0.00	0.0000 +	0.00	
1217	89999612620	TRANSISTOR TIP 112	0.00	0.0000 +	0.00	
1218	89999612629		0.00	0.0000 +	0.00	



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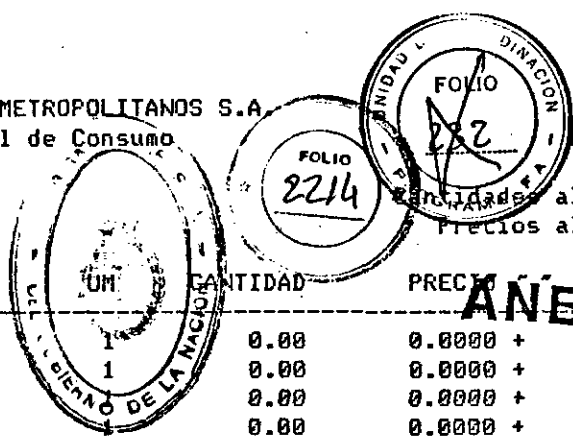
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 22

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Fecha: al: 31/08/94
Precios al: 31/07/94



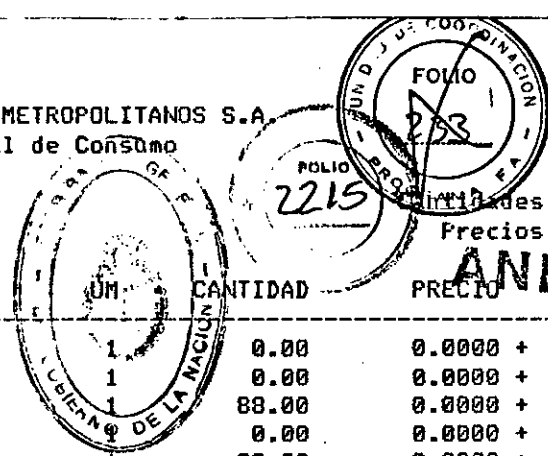
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1219	89999612630	TRANSISTOR TIP 32 A	1	0.00	0.0000 +	0.00
1220	89999612639		1	0.00	0.0000 +	0.00
1221	89999612640	DIODO IM 914		0.00	0.0000 +	0.00
1222	89999612649			0.00	0.0000 +	0.00
1223	89999612650	AMPLIFICADOR CA 2002	1	0.00	0.0000 +	0.00
1224	89999612659		1	0.00	0.0000 +	0.00
1225	89999612660	TRANSISTOR BC-237	1	130.00	0.0000 +	0.00
1226	89999612669		1	0.00	0.0000 +	0.00
1227	89999612670	CAPACITOR 1 MF/1000 V	1	28.00	0.0000 +	0.00
1228	89999612679		1	0.00	0.0000 +	0.00
1229	89999612680	VENTILADOR C/TEL.109-0698-5PUL	1	2.00	0.0000 +	0.00
1230	89999612689		1	0.00	0.0000 +	0.00
1231	89999612690	LANA DE VIDRIO	1	5.00	0.0000 +	0.00
1232	89999612699		3	0.00	0.0000 +	0.00
1233	89999612700	CINTA ACRILICA P/CABLE	1	20.00	0.0000 +	0.00
1234	89999612709		1	0.00	0.0000 +	0.00
1235	89999612710	CINTA METALICA P/CABLE	1	3.00	0.0000 +	0.00
1236	89999612719		1	0.00	0.0000 +	0.00
1237	89999612720	CINTA PLASTICA P/CABLE	1	9.00	0.0000 +	0.00
1238	89999612729		1	0.00	0.0000 +	0.00
1239	89999612730	CINTA DE GOMA	1	1.00	0.0000 +	0.00
1240	89999612739		1	0.00	0.0000 +	0.00
1241	89999612740	LLAVE TERMINAL NRAB-T 121	1	0.00	0.0000 +	0.00
1242	89999612749		1	0.00	0.0000 +	0.00
1243	89999612750	ROLLO DE ALAMBRE P/FUSIB.10 A	1	0.00	0.0000 +	0.00
1244	89999612759		1	0.00	0.0000 +	0.00
1245	89999612760	MANGAS TERMOCOM TRAUD	1	0.00	0.0000 +	0.00
1246	89999612769		1	0.00	0.0000 +	0.00
1247	89999612770	ROLLO ALAMBRE FUSIBLE 2 A	1	0.00	0.0000 +	0.00
1248	89999612779		1	0.00	0.0000 +	0.00
1249	89999612780	ROLLO ALAMBRE P/FUSIBLE 2.5 A	1	0.00	0.0000 +	0.00
1250	89999612789		1	0.00	0.0000 +	0.00
1251	89999612790	ROLLO ALAMBRE P/FUSIBLE	1	0.00	0.0000 +	0.00
1252	89999612799		1	0.00	0.0000 +	0.00
1253	89999612800	CAPACITORES 100 MF/16 V	1	96.00	0.0000 +	0.00
1254	89999612809		1	0.00	0.0000 +	0.00
1255	89999612810	CAPACITORES 4700 MF/80 V	1	5.00	0.0000 +	0.00
1256	89999612819		1	0.00	0.0000 +	0.00
1257	89999612820	CAPACITOR 2200 MF/50 V	1	4.00	0.0000 +	0.00
1258	89999612829		1	0.00	0.0000 +	0.00
1259	89999612830	CAPACITOR 1000 MF/35 V	1	0.00	0.0000 +	0.00
1260	89999612839		1	0.00	0.0000 +	0.00
1261	89999612840	CAPACITOR 100 MF/16 V	1	0.00	0.0000 +	0.00
1262	89999612849		1	0.00	0.0000 +	0.00
1263	89999612850	CAPACITOR 100 MF/25 V	1	0.00	0.0000 +	0.00
1264	89999612859		1	0.00	0.0000 +	0.00
1265	89999612860	CAPACITOR 4.7 MF/25 V	1	0.00	0.0000 +	0.00
1266	89999612869		1	0.00	0.0000 +	0.00
1267	89999612870	RESISTENCIA 10 KC-1/W	1	750.00	0.0000 +	0.00
1268	89999612879		1	0.00	0.0000 +	0.00
1269	89999612880	RESISTENCIA 3.3 KR 1/4 W	1	132.00	0.0000 +	0.00
1270	89999612889		1	0.00	0.0000 +	0.00
1271	89999612890	RESISTENCIA 18 KR 1/4 W	1	750.00	0.0000 +	0.00
1272	89999612899		1	0.00	0.0000 +	0.00
1273	89999612900	RESISTENCIA 1 MR 1/4 W	1	0.00	0.0000 +	0.00
1274	89999612909		1	0.00	0.0000 +	0.00
1275	89999612910	PLACAS P/ARMAR FTE.ALIM.100/46	1	0.00	0.0000 +	0.00
1276	89999612919		1	0.00	0.0000 +	0.00

ANEXO

[Handwritten marks and signatures]

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Valores al: 31/08/94
Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1277	89999612920	CAPSULAS RECEPTORAS	1	0.00	0.0000 +	0.00
1278	89999612929		1	0.00	0.0000 +	0.00
1279	89999612930	DESCARGADOR D/GASEOSA	1	88.00	0.0000 +	0.00
1280	89999612939		1	0.00	0.0000 +	0.00
1281	89999612940	BASE DE DESCARGADORES	1	92.00	0.0000 +	0.00
1282	89999612949		1	0.00	0.0000 +	0.00
1283	89999612950	PLACAS SGL 621 CENTRAL NE AX22	1	0.00	0.0000 +	0.00
1284	89999612959		1	0.00	0.0000 +	0.00
1285	89999612960	PLACAS SGL 465	1	2.00	0.0000 +	0.00
1286	89999612969		1	0.00	0.0000 +	0.00
1287	89999612970	PLACAS SGL 620	1	1.00	0.0000 +	0.00
1288	89999612979		1	0.00	0.0000 +	0.00
1289	89999612980	PLACAS SGL 401	1	1.00	0.0000 +	0.00
1290	89999612989		1	0.00	0.0000 +	0.00
1291	89999612990	PLACA SGL 340	1	1.00	0.0000 +	0.00
1292	89999612999		1	0.00	0.0000 +	0.00
1293	89999613000	PLACA 339	1	1.00	0.0000 +	0.00
1294	89999613009		1	0.00	0.0000 +	0.00
1295	89999613010	PLACA SGL 333	1	1.00	0.0000 +	0.00
1296	89999613019		1	0.00	0.0000 +	0.00
1297	89999613020	PLACA SGL 426	1	1.00	0.0000 +	0.00
1298	89999613029		1	0.00	0.0000 +	0.00
1299	89999613030	PLACA SGL 502	1	1.00	0.0000 +	0.00
1300	89999613039		1	0.00	0.0000 +	0.00
1301	89999613040	PLACA SGL 506	1	1.00	0.0000 +	0.00
1302	89999613049		1	0.00	0.0000 +	0.00
1303	89999613050	PLACA SGL 501	1	1.00	0.0000 +	0.00
1304	89999613059		1	0.00	0.0000 +	0.00
1305	89999613060	PLACA SGL 483	1	1.00	0.0000 +	0.00
1306	89999613069		1	0.00	0.0000 +	0.00
1307	89999613070	PLACA SGL 505	1	1.00	0.0000 +	0.00
1308	89999613079		1	0.00	0.0000 +	0.00
1309	89999613080	PLACA SGL 144	1	3.00	0.0000 +	0.00
1310	89999613089		1	0.00	0.0000 +	0.00
1311	89999613090	PLACA SGL 168	1	0.00	0.0000 +	0.00
1312	89999613099		1	0.00	0.0000 +	0.00
1313	89999613100	PLAQUETA SGZ 181	1	2.00	0.0000 +	0.00
1314	89999613109		1	0.00	0.0000 +	0.00
1315	89999613110	PLAQUETA SGZ 153	1	1.00	0.0000 +	0.00
1316	89999613119		1	0.00	0.0000 +	0.00
1317	89999613120	PLAQUETA SGZ 087	1	1.00	0.0000 +	0.00
1318	89999613129		1	0.00	0.0000 +	0.00
1319	89999613130	PLAQUETA SGZ 089	1	1.00	0.0000 +	0.00
1320	89999613139		1	0.00	0.0000 +	0.00
1321	89999613140	PLAQUETA SGZ 059	1	1.00	0.0000 +	0.00
1322	89999613149		1	0.00	0.0000 +	0.00
1323	89999613150	PLAQUETA SGZ 085	1	1.00	0.0000 +	0.00
1324	89999613159		1	0.00	0.0000 +	0.00
1325	89999613160	PLAQUETA SGZ 289	1	2.00	0.0000 +	0.00
1326	89999613169		1	0.00	0.0000 +	0.00
1327	89999613170	PLAQUETA 25 RDF UU	1	11.00	0.0000 +	0.00
1328	89999613179		1	0.00	0.0000 +	0.00
1329	89999613180	PLAQUETA 2CBWT	1	10.00	0.0000 +	0.00
1330	89999613189		1	0.00	0.0000 +	0.00
1331	89999613190	PLAQUETA 800 DA	1	6.00	0.0000 +	0.00
1332	89999613199		1	0.00	0.0000 +	0.00
1333	89999613200	PLAQUETA ATT AP	1	2.00	0.0000 +	0.00
1334	89999613209		1	0.00	0.0000 +	0.00

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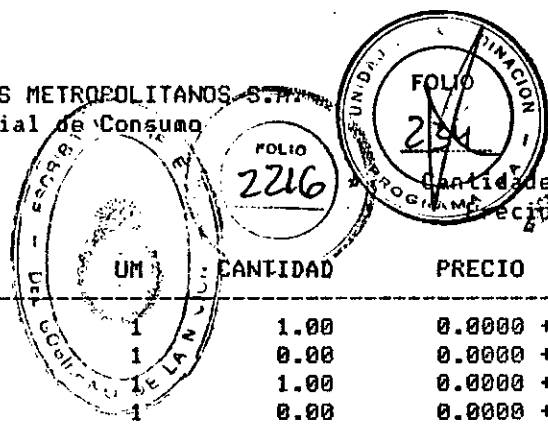
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Material de Consumo

Página: 24

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

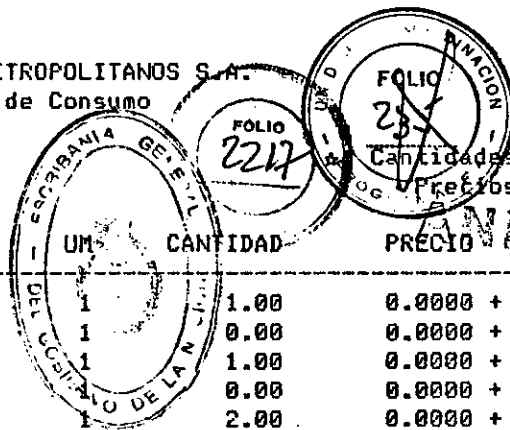


Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1335	89999613210	PLAQUETA AGL 321	1	1.00	0.0000 +	0.00
1336	89999613219		1	0.00	0.0000 +	0.00
1337	89999613220	PLAQUETA SGL 431	1	1.00	0.0000 +	0.00
1338	89999613229		1	0.00	0.0000 +	0.00
1339	89999613230	PLAQUETA SGL 520	1	1.00	0.0000 +	0.00
1340	89999613239		1	0.00	0.0000 +	0.00
1341	89999613240	PLAQUETA SGL 519	1	1.00	0.0000 +	0.00
1342	89999613249		1	0.00	0.0000 +	0.00
1343	89999613250	PLAQUETA SGL 484	1	1.00	0.0000 +	0.00
1344	89999613259		1	0.00	0.0000 +	0.00
1345	89999613260	PLAQUETA SGL 428	1	1.00	0.0000 +	0.00
1346	89999613269		1	0.00	0.0000 +	0.00
1347	89999613270	PLAQUETA SG 4 MFT	1	3.00	0.0000 +	0.00
1348	89999613279		1	0.00	0.0000 +	0.00
1349	89999613280	PLAQUETA SG 2 MFCD	1	5.00	0.0000 +	0.00
1350	89999613289		1	0.00	0.0000 +	0.00
1351	89999613290	PLAQUETA SG 4 LG	1	56.00	0.0000 +	0.00
1352	89999613299		1	0.00	0.0000 +	0.00
1353	89999613300	PLAQUETA SG 25 RD 74 W	1	4.00	0.0000 +	0.00
1354	89999613309		1	0.00	0.0000 +	0.00
1355	89999613310	PLAQUETA SGZ 051	1	1.00	0.0000 +	0.00
1356	89999613319		1	0.00	0.0000 +	0.00
1357	89999613320	PLAQUETA 049	1	1.00	0.0000 +	0.00
1358	89999613329		1	0.00	0.0000 +	0.00
1359	89999613330	PLAQUETA SGZ 101	1	2.00	0.0000 +	0.00
1360	89999613339		1	0.00	0.0000 +	0.00
1361	89999613340	PLAQUETA SGL 453	1	1.00	0.0000 +	0.00
1362	89999613349		1	0.00	0.0000 +	0.00
1363	89999613350	PLAQUETA SGL 178	1	3.00	0.0000 +	0.00
1364	89999613359		1	0.00	0.0000 +	0.00
1365	89999613360	PLAQUETA SGL 811	1	1.00	0.0000 +	0.00
1366	89999613369		1	0.00	0.0000 +	0.00
1367	89999613370	PLAQUETA SGL 808	1	1.00	0.0000 +	0.00
1368	89999613379		1	0.00	0.0000 +	0.00
1369	89999613380	PLAQUETA SGL 461	1	1.00	0.0000 +	0.00
1370	89999613389		1	0.00	0.0000 +	0.00
1371	89999613390	PLAQUETA SGL 604	1	1.00	0.0000 +	0.00
1372	89999613399		1	0.00	0.0000 +	0.00
1373	89999613400	PLAQUETA SGL 607	1	1.00	0.0000 +	0.00
1374	89999613409		1	0.00	0.0000 +	0.00
1375	89999613410	PLAQUETA SGL 516	1	1.00	0.0000 +	0.00
1376	89999613419		1	0.00	0.0000 +	0.00
1377	89999613420	PLAQUETA SGL 514	1	1.00	0.0000 +	0.00
1378	89999613429		1	0.00	0.0000 +	0.00
1379	89999613430	PLAQUETA SGL 451	1	1.00	0.0000 +	0.00
1380	89999613439		1	0.00	0.0000 +	0.00
1381	89999613440	PLAQUETA SGL 450	1	1.00	0.0000 +	0.00
1382	89999613449		1	0.00	0.0000 +	0.00
1383	89999613450	PLAQUETA SGL 522	1	1.00	0.0000 +	0.00
1384	89999613459		1	0.00	0.0000 +	0.00
1385	89999613460	PLAQUETA SGL 448	1	1.00	0.0000 +	0.00
1386	89999613469		1	0.00	0.0000 +	0.00
1387	89999613470	PLAQUETA SGL 457	1	1.00	0.0000 +	0.00
1388	89999613479		1	0.00	0.0000 +	0.00
1389	89999613480	PLAQUETA SGL 708	1	1.00	0.0000 +	0.00
1390	89999613489		1	0.00	0.0000 +	0.00
1391	89999613490	PLAQUETA SGL 678	1	1.00	0.0000 +	0.00
1392	89999613499		1	0.00	0.0000 +	0.00

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Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1393	89999613500	PLAQUETA SGL 605	1	1.00	0.0000 +	0.00
1394	89999613509		1	0.00	0.0000 +	0.00
1395	89999613510	PLAQUETA SGL 328	1	1.00	0.0000 +	0.00
1396	89999613519		1	0.00	0.0000 +	0.00
1397	89999613520	PLAQUETA SGL 603	1	2.00	0.0000 +	0.00
1398	89999613529		1	0.00	0.0000 +	0.00
1399	89999613530	PLAQUETA SGL 609	1	1.00	0.0000 +	0.00
1400	89999613539		1	0.00	0.0000 +	0.00
1401	89999613540	PLAQUETA SGL 606	1	2.00	0.0000 +	0.00
1402	89999613549		1	0.00	0.0000 +	0.00
1403	89999613550	PLAQUETA SGL 513	1	2.00	0.0000 +	0.00
1404	89999613559		1	0.00	0.0000 +	0.00
1405	89999613560	PLAQUETA SGL 476	1	1.00	0.0000 +	0.00
1406	89999613569		1	0.00	0.0000 +	0.00
1407	89999613570	PLAQUETA SGL 523	1	1.00	0.0000 +	0.00
1408	89999613579		1	0.00	0.0000 +	0.00
1409	89999613580	PLAQUETA SGL 468	1	1.00	0.0000 +	0.00
1410	89999613589		1	0.00	0.0000 +	0.00
1411	89999613590	PLAQUETA SGL 560	1	1.00	0.0000 +	0.00
1412	89999613599		1	0.00	0.0000 +	0.00
1413	89999613600	PLAQUETA SGL 454	1	1.00	0.0000 +	0.00
1414	89999613609		1	0.00	0.0000 +	0.00
1415	89999613610	PLAQUETA SGL 358	1	1.00	0.0000 +	0.00
1416	89999613619		1	0.00	0.0000 +	0.00
1417	89999613620	PLAQUETA SGL 612	1	1.00	0.0000 +	0.00
1418	89999613629		1	0.00	0.0000 +	0.00
1419	89999613630	PLAQUETA SGL 503	1	1.00	0.0000 +	0.00
1420	89999613639		1	0.00	0.0000 +	0.00
1421	89999613640	PLAQUETA SGL 517	1	1.00	0.0000 +	0.00
1422	89999613649		1	0.00	0.0000 +	0.00
1423	89999613650	PLAQUETA SGL 489	1	1.00	0.0000 +	0.00
1424	89999613659		1	0.00	0.0000 +	0.00
1425	89999613660	PLAQUETA SGL 490	1	1.00	0.0000 +	0.00
1426	89999613669		1	0.00	0.0000 +	0.00
1427	89999613670	PLAQUETA SGL 321	1	1.00	0.0000 +	0.00
1428	89999613679		1	0.00	0.0000 +	0.00
1429	89999613680	PLAQUETA SGL 515	1	1.00	0.0000 +	0.00
1430	89999613689		1	0.00	0.0000 +	0.00
1431	89999613690	PLAQUETA SGL 267	1	2.00	0.0000 +	0.00
1432	89999613699		1	0.00	0.0000 +	0.00
1433	89999613700	PLAQUETA SGL 334	1	3.00	0.0000 +	0.00
1434	89999613709		1	0.00	0.0000 +	0.00
1435	89999613710	PLAQUETA SGL 344	1	1.00	0.0000 +	0.00
1436	89999613719		1	0.00	0.0000 +	0.00
1437	89999613720	PLAQUETA SGL 338	1	0.00	0.0000 +	0.00
1438	89999613729		1	0.00	0.0000 +	0.00
1439	89999613730	PLAQUETA CON A	1	8.00	0.0000 +	0.00
1440	89999613740	CIRCUITO IMPRESO MUTE	1	1.00	0.0000 +	0.00
1441	89999613749		1	0.00	0.0000 +	0.00
1442	89999613750	CIRCUITO IMPRESO FRAN 2	1	2.00	0.0000 +	0.00
1443	89999613759		1	0.00	0.0000 +	0.00
1444	89999613770	DIODOS RL 24 VDI	1	101.00	0.0000 +	0.00
1445	89999613779		1	0.00	0.0000 +	0.00
1446	89999613780	PLUGUIN PLASTICO	1	10.00	0.0000 +	0.00
1447	89999613789		1	0.00	0.0000 +	0.00
1448	89999613790	DIODO EMIDORES ROLI 24 RABX	1	4.00	0.0000 +	0.00
1449	89999613799		1	0.00	0.0000 +	0.00
1450	89999613800	FUSIBLE 2 A	1	4.00	0.0000 +	0.00

ANEXO

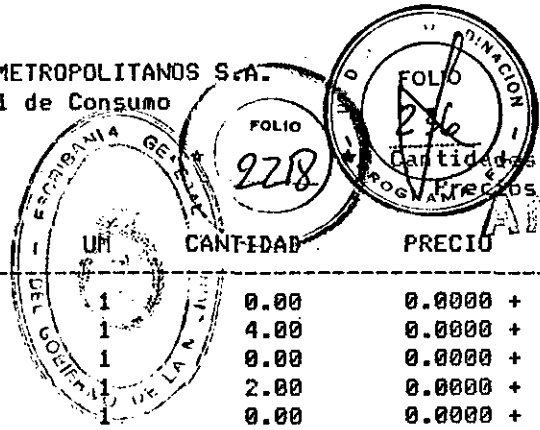
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 26

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1451	89999613809		1	0.00	0.0000 +	0.00
1452	89999613810	DIODOS KABLES 4 F	1	4.00	0.0000 +	0.00
1453	89999613819		1	0.00	0.0000 +	0.00
1454	89999613820	CIRCUITO IMPRESO N 2001	1	2.00	0.0000 +	0.00
1455	89999613829		1	0.00	0.0000 +	0.00
1456	89999613830	LAMPARAS 18 V 24 W	1	6.00	0.0000 +	0.00
1457	89999613839		1	0.00	0.0000 +	0.00
1458	89999613840	TAA 2 C 48-24	1	4.00	0.0000 +	0.00
1459	89999613849		1	0.00	0.0000 +	0.00
1460	89999613850	CIRCUITO IMPRESO TR6BC 1	1	1.00	0.0000 +	0.00
1461	89999613859		1	0.00	0.0000 +	0.00
1462	89999613860	FUSIBLE VIDRIO 6.2 A	1	10.00	0.0000 +	0.00
1463	89999613869		1	0.00	0.0000 +	0.00
1464	89999613870	LLAVE TERMICA 110 V	1	4.00	0.0000 +	0.00
1465	89999613879		1	0.00	0.0000 +	0.00
1466	89999613880	FUSE 3 A	1	0.00	0.0000 +	0.00
1467	89999613889		1	0.00	0.0000 +	0.00
1468	89999613890	TRANSMISORES DOPOT. 25C 522	1	11.00	0.0000 +	0.00
1469	89999613899		1	0.00	0.0000 +	0.00
1470	89999613900	FUSIBLE 10 A	1	0.00	0.0000 +	0.00
1471	89999613909		1	0.00	0.0000 +	0.00
1472	89999613910	CARCAZA TEL.SIEMENS MASTERCER	1	1.00	0.0000 +	0.00
1473	89999613919		1	0.00	0.0000 +	0.00
1474	89999613920	PROGRAMADOR DE CENTRAL MEAX 12	1	1.00	0.0000 +	0.00
1475	89999613929		1	0.00	0.0000 +	0.00
1476	89999613930	CIRCUITO IMPRESO SU/430 F	1	1.00	0.0000 +	0.00
1477	89999613939		1	0.00	0.0000 +	0.00
1478	89999613940	CIRCUITO IMPRESO CON 1	1	1.00	0.0000 +	0.00
1479	89999613949		1	0.00	0.0000 +	0.00
1480	89999613950	CIRCUITO IMPRESO SU/432 F	1	1.00	0.0000 +	0.00
1481	89999613959		1	0.00	0.0000 +	0.00
1482	89999613960	CIRCUITO IMPRESO CON 2	1	1.00	0.0000 +	0.00
1483	89999613969		1	0.00	0.0000 +	0.00
1484	89999613970	CIRCUITO IMPRESO SU-13	1	1.00	0.0000 +	0.00
1485	89999613979		1	0.00	0.0000 +	0.00
1486	89999613980	CIRCUITO IMPRESO SUS-51	1	1.00	0.0000 +	0.00
1487	89999613989		1	0.00	0.0000 +	0.00
1488	89999613990	CIRCUITO IMPRESO SUE-40	1	1.00	0.0000 +	0.00
1489	89999613999		1	0.00	0.0000 +	0.00
1490	89999614000	CIRCUITO IMPRESO SUE 14	1	1.00	0.0000 +	0.00
1491	89999614009		1	0.00	0.0000 +	0.00
1492	89999614010	CIRCUITO IMPRESO SUA 18	1	1.00	0.0000 +	0.00
1493	89999614019		1	0.00	0.0000 +	0.00
1494	89999614020	CIRCUITO IMPRESO J221 2 A	1	0.00	0.0000 +	0.00
1495	89999614029		1	0.00	0.0000 +	0.00
1496	89999614030	RELE DE 24 V 4 INVERS.FX5 393	1	2.00	0.0000 +	0.00
1497	89999614039		1	0.00	0.0000 +	0.00
1498	89999614040	MOTOR P/RELOJ	1	1.00	0.0000 +	0.00
1499	89999614049		1	0.00	0.0000 +	0.00
1500	89999614050	PUNTE DE DIODO IRB-1P	1	1.00	0.0000 +	0.00
1501	89999614059		1	0.00	0.0000 +	0.00
1502	89999614060	DIODOS ISS 53	1	1.00	0.0000 +	0.00
1503	89999614069		1	0.00	0.0000 +	0.00
1504	89999614070	TRANSISTOR 25 C 2003	1	1.00	0.0000 +	0.00
1505	89999614079		1	0.00	0.0000 +	0.00
1506	89999614080	DIODOS 30 D2	1	1.00	0.0000 +	0.00
1507	89999614089		1	0.00	0.0000 +	0.00
1508	89999614090	DIODOS 12 F	1	0.00	0.0000 +	0.00

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Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

FOLIO
229

FOLIO
232

Fecha de Emisión al: 31/08/94
Fecha de Cierre al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1509	89999614099		1	0.00	0.0000 +	0.00
1510	89999614100	MOTOR P/RELOJ SA 142	1	1.00	0.0000 +	0.00
1511	89999614109		1	0.00	0.0000 +	0.00
1512	89999614110	RELE 24 V FBV 34	1	4.00	0.0000 +	0.00
1513	89999614119		1	0.00	0.0000 +	0.00
1514	89999614120	MOTOR P/RELOJ SA 142	1	0.00	0.0000 +	0.00
1515	89999614129		1	0.00	0.0000 +	0.00
1516	89999614130	RELE 24 V FBV 34	1	4.00	0.0000 +	0.00
1517	89999614139		1	0.00	0.0000 +	0.00
1518	89999614140	MOTOR P/RELOJ 5BI-2CB	1	1.00	0.0000 +	0.00
1519	89999614149		1	0.00	0.0000 +	0.00
1520	89999614150	MOTOR P/RELOJ SR 1 12	1	1.00	0.0000 +	0.00
1521	89999614159		1	0.00	0.0000 +	0.00
1522	89999614160	TRANSISTOR T/42	1	4.00	0.0000 +	0.00
1523	89999614169		1	0.00	0.0000 +	0.00
1524	89999614170	TRANSISTOR 25 A 953	1	1.00	0.0000 +	0.00
1525	89999614179		1	0.00	0.0000 +	0.00
1526	89999614180	TRANSISTOR 25 C 2240	1	0.00	0.0000 +	0.00
1527	89999614189		1	0.00	0.0000 +	0.00
1528	89999614190	TRANSISTOR 25 A 970	1	1.00	0.0000 +	0.00
1529	89999614199		1	0.00	0.0000 +	0.00
1530	89999614200	TRANSISTOR D 525	1	1.00	0.0000 +	0.00
1531	89999614209		1	0.00	0.0000 +	0.00
1532	89999614210	TRANSISTOR 1J S C1	1	1.00	0.0000 +	0.00
1533	89999614219		1	0.00	0.0000 +	0.00
1534	89999614220	TRANSISTOR 2B 4 DM	1	1.00	0.0000 +	0.00
1535	89999614229		1	0.00	0.0000 +	0.00
1536	89999614230	TRANSISTOR 2S A 733	1	1.00	0.0000 +	0.00
1537	89999614239		1	0.00	0.0000 +	0.00
1538	89999614240	DIODO 90	1	0.00	0.0000 +	0.00
1539	89999614249		1	0.00	0.0000 +	0.00
1540	89999614250	ROLLO DE 7.5 M CABLE PLANO	1	0.00	0.0000 +	0.00
1541	89999614259		1	0.00	0.0000 +	0.00
1542	89999614260	CIRCUITO IMPRESO NCA 91103	1	8.00	0.0000 +	0.00
1543	89999614269		1	0.00	0.0000 +	0.00
1544	89999614270	CONJUNTO CUP	1	1.00	0.0000 +	0.00
1545	89999614279		1	0.00	0.0000 +	0.00
1546	89999614280	FUENTE DE ALIMENT.12 V 3 AP	1	0.00	0.0000 +	0.00
1547	89999614289		1	0.00	0.0000 +	0.00
1548	89999614290	CIRCUITO IMPRESO SFP 101	1	2.00	0.0000 +	0.00
1549	89999614299		1	0.00	0.0000 +	0.00
1550	89999614300	CIRCUITO IMPRESO CLS 101	1	0.00	0.0000 +	0.00
1551	89999614309		1	0.00	0.0000 +	0.00
1552	89999614310	CIRCUITO IMPRESO MOD.123	1	0.00	0.0000 +	0.00
1553	89999614319		1	0.00	0.0000 +	0.00
1554	89999614320	CIRCUITO IMPRESO AMPA.169	1	1.00	0.0000 +	0.00
1555	89999614329		1	0.00	0.0000 +	0.00
1556	89999614330	CONJUNTO NG-33142-F1 REG	1	1.00	0.0000 +	0.00
1557	89999614339		1	0.00	0.0000 +	0.00
1558	89999614340	CIRCUITO IMPRESO CCP 101	1	1.00	0.0000 +	0.00
1559	89999614349		1	0.00	0.0000 +	0.00
1560	89999614350	PLACA EXTENSORA SKD 5110	1	1.00	0.0000 +	0.00
1561	89999614359		1	0.00	0.0000 +	0.00
1562	89999614360	CIRCUITO IMPRESO NSA 91361	1	2.00	0.0000 +	0.00
1563	89999614369		1	0.00	0.0000 +	0.00
1564	89999614370	CIRCUITO IMPRESO 79715	1	2.00	0.0000 +	0.00
1565	89999614379		1	0.00	0.0000 +	0.00
1566	89999614380	UNIDAD ANT/NG 40496	1	2.00	0.0000 +	0.00

ANEXO

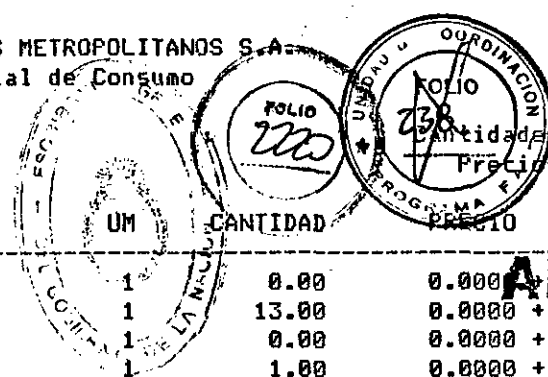
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Antidades al: 31/09/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1567	89999614389		1	0.00	0.0000	0.00
1568	89999614390	UNIDAD OSCILADORA	1	13.00	0.0000 +	0.00
1569	89999614399		1	0.00	0.0000 +	0.00
1570	89999614400	FILTRO DE 1000 HZ	1	1.00	0.0000 +	0.00
1571	89999614409		1	0.00	0.0000 +	0.00
1572	89999614410	FILTRO DE 2140	1	1.00	0.0000 +	0.00
1573	89999614419		1	0.00	0.0000 +	0.00
1574	89999614420	INTERRUPTORES 25 D 21-J	1	0.00	0.0000 +	0.00
1575	89999614429		1	0.00	0.0000 +	0.00
1576	89999614430	LEDS BLANCOS 5 MM	1	5.00	0.0000 +	0.00
1577	89999614439		1	0.00	0.0000 +	0.00
1578	89999614440	LEDS VERDE 5 MM	1	10.00	0.0000 +	0.00
1579	89999614449		1	0.00	0.0000 +	0.00
1580	89999614450	LEDS ROJO 5 MM	1	5.00	0.0000 +	0.00
1581	89999614459		1	0.00	0.0000 +	0.00
1582	89999614460	LAMPARA 2 Y C	1	4.00	0.0000 +	0.00
1583	89999614469		1	0.00	0.0000 +	0.00
1584	89999614470	LEDS BLANCOS C/PORTALED	1	1.00	0.0000 +	0.00
1585	89999614479		1	0.00	0.0000 +	0.00
1586	89999614480	LEDS ROJO C/PORTALED	1	1.00	0.0000 +	0.00
1587	89999614489		1	0.00	0.0000 +	0.00
1588	89999614490	DIODO 24 B2	1	1.00	0.0000 +	0.00
1589	89999614499		1	0.00	0.0000 +	0.00
1590	89999614500	PULSADORES F/BACK NJZ 941	1	4.00	0.0000 +	0.00
1591	89999614509		1	0.00	0.0000 +	0.00
1592	89999614510	INTERRUPTOR F/CONS F1	1	7.00	0.0000 +	0.00
1593	89999614519		1	0.00	0.0000 +	0.00
1594	89999614520	INTERRUPTOR SF/R2 B 41	1	0.00	0.0000 +	0.00
1595	89999614529		1	0.00	0.0000 +	0.00
1596	89999614530	INTERRUPTOR 2 D 9L-J	1	2.00	0.0000 +	0.00
1597	89999614539		1	0.00	0.0000 +	0.00
1598	89999614540	SEPARADOR F/ONDA PORT.ITT JAP.	1	0.00	0.0000 +	0.00
1599	89999614549		1	0.00	0.0000 +	0.00
1600	89999614550	INTERRUPTOR 2 F LIAA	1	2.00	0.0000 +	0.00
1601	89999614559		1	0.00	0.0000 +	0.00
1602	89999614560	INTERRUPTOR 2D 2L-J	1	1.00	0.0000 +	0.00
1603	89999614569		1	0.00	0.0000 +	0.00
1604	89999614570	INTERRUPTOR FN 1241	1	1.00	0.0000 +	0.00
1605	89999614579		1	0.00	0.0000 +	0.00
1606	89999614580	INTERRUPTOR 01-151-025	1	4.00	0.0000 +	0.00
1607	89999614589		1	0.00	0.0000 +	0.00
1608	89999614590	RELE AE 3271	1	1.00	0.0000 +	0.00
1609	89999614599		1	0.00	0.0000 +	0.00
1610	89999614600	INTERRUPTOR MFS-201N	1	5.00	0.0000 +	0.00
1611	89999614609		1	0.00	0.0000 +	0.00
1612	89999614610	ROSETA F/F1	1	1.00	0.0000 +	0.00
1613	89999614619		1	0.00	0.0000 +	0.00
1614	89999614620	UNIDAD S/2 INTERRUPT. F/F1	1	3.00	0.0000 +	0.00
1615	89999614629		1	0.00	0.0000 +	0.00
1616	89999614630	CIRCUITO IMPRESO SP 1509	1	3.00	0.0000 +	0.00
1617	89999614639		1	0.00	0.0000 +	0.00
1618	89999614640	CIRCUITO IMPR.MAEST.ST 1508 F1	1	4.00	0.0000 +	0.00
1619	89999614649		1	0.00	0.0000 +	0.00
1620	89999614650	PULSADORES F/MICRO TELEF.F1	1	0.00	0.0000 +	0.00
1621	89999614659		1	0.00	0.0000 +	0.00
1622	89999614660	CIRCUITO IMPRESO 4NSA 91103	1	0.00	0.0000 +	0.00
1623	89999614669		1	0.00	0.0000 +	0.00
1624	89999614670	EXTENSION SKD 5110 B	1	2.00	0.0000 +	0.00

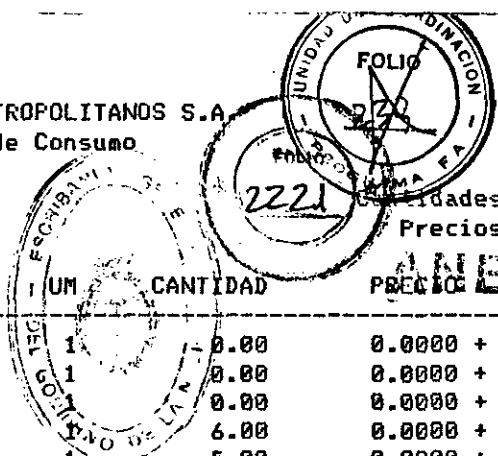
ANEXO

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Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Validades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1625	89999614679		1	0.00	0.0000 +	0.00
1626	89999614680	CIRCUITO IMPRESO CONT.2	1	0.00	0.0000 +	0.00
1627	89999614689		1	0.00	0.0000 +	0.00
1628	89999614690	CIRCUITO IMPRESO NCA 91361	1	6.00	0.0000 +	0.00
1629	89999614700	CIRCUITO IMPRESO SP 1600	1	5.00	0.0000 +	0.00
1630	89999614710	CIRCUITO IMPRESO SP 1365 3	1	5.00	0.0000 +	0.00
1631	89999614720	CIRCUITO IMPRESO SP-1265-4	1	5.00	0.0000 +	0.00
1632	89999614730	CIRCUITO IMPRESO R-13843	1	0.00	0.0000 +	0.00
1633	89999614740	CIRCUITO IMPRESO DEM-136	1	1.00	0.0000 +	0.00
1634	89999614750	LAMPARA 18 V 2 W	1	7.00	0.0000 +	0.00
1635	89999614760	VALVULA CB 2000 EN DESUSO	1	97.00	0.0000 +	0.00
1636	89999614770	TUBO FLUORESC.CIRC.P/RELOJ 40W	1	67.00	0.0000 +	0.00
1637	89999614780	VALVULAS CV 5080	1	22.00	0.0000 +	0.00
1638	89999614790	VALVULAS CV 138	1	31.00	0.0000 +	0.00
1639	89999614800	VALVULA CV 1343	1	59.00	0.0000 +	0.00
1640	89999614810	VALVULA 6JZ6	1	1.00	0.0000 +	0.00
1641	89999614820	VALVULA EF 39	1	2.00	0.0000 +	0.00
1642	89999614830	VALVULA CV 132	1	10.00	0.0000 +	0.00
1643	89999614840	BANA P/TELEFONO 75430	1	0.00	0.0000 +	0.00
1644	89999614850	VALVULA SV 1052	1	9.00	0.0000 +	0.00
1645	89999614860	RESISTOR 100 HZ/10 W	1	0.00	0.0000 +	0.00
1646	89999614870	PAPEL P/IMPRES. 10 X 11 HOJAS	1	0.00	0.0000 +	0.00
1647	89999614880	REPUESTO P/IMPRESORA 8720	1	2.00	0.0000 +	0.00
1648	89999614890	CIRCUITO IMPRESO 4LG	1	1.00	0.0000 +	0.00
1649	89999614900	CIRCUITO IMPRESO PBIA-A	1	0.00	0.0000 +	0.00
1650	89999614910	CIRCUITO IMPRESO NS-18BA	1	0.00	0.0000 +	0.00
1651	89999614920	CIRCUITO IMPRESO PBI-BL-517	1	0.00	0.0000 +	0.00
1652	89999614930	EXTENSION SLE-7110	1	1.00	0.0000 +	0.00
1653	89999614940	CAR.SUELO CINTA IMPRESORA	1	8.00	0.0000 +	0.00
1654	89999614950	LEDS VERDES 5 MM	1	0.00	0.0000 +	0.00
1655	89999614960	LAMPARAS INDICADORAS P/CENTRAL	1	15.00	0.0000 +	0.00
1656	89999614970	CONECTORES AMP 50 PINES	1	2.00	0.0000 +	0.00
1657	89999614980	CABEZAL P/IMPRESORA MT 80	1	2.00	0.0000 +	0.00
1658	89999614990	DIODO DE CELENO P/PORTAD.LTT	1	0.00	0.0000 +	0.00
1659	89999615000	SEPARADORES D/CONTEN P/ITT	1	20.00	0.0000 +	0.00
1660	89999615010	SUJETADORES METALICOS P/ITT	1	0.00	0.0000 +	0.00
1661	89999615020	CONVERTIDORES DE JACKS NEC	1	2.00	0.0000 +	0.00
1662	89999615030	CRISTAL CUARZO OSCIL.3.86 MHZ	1	0.00	0.0000 +	0.00
1663	89999615040	BANDEJA CONSOLA OPERADORA	1	1.00	0.0000 +	0.00
1664	89999615050	CIRCUITO IMPRESO IGFTC	1	0.00	0.0000 +	0.00
1665	89999615060	EXTENSION FJA-EXTT	1	0.00	0.0000 +	0.00
1666	89999615070	EXTRACTOR PLAQ.F/CENTRAL NEX22	1	1.00	0.0000 +	0.00
1667	89999615080	EXTENSOR SKD 5110 B	1	1.00	0.0000 +	0.00
1668	89999615090	VENTILADOR 119 MM 10-069 B 48V	1	2.00	0.0000 +	0.00
1669	89999615100	FUENTE VEG.P/CENTRAL 12 V 6 A	1	0.00	0.0000 +	0.00
1670	89999615110	DESCARGADOR GASEOSO P/ITT	1	0.00	0.0000 +	0.00
1671	89999615120	REISTORE 1000 HZ VULVO	1	0.00	0.0000 +	0.00
1672	89999615130	DESCARGADOR GASEOSO 600 V	1	0.00	0.0000 +	0.00
1673	89999615140	VALVULA SV 287	1	12.00	0.0000 +	0.00
1674	89999615150	CAJA TERMIN.C/FUSIBLES 10 PAR.	1	1.00	0.0000 +	0.00
1675	89999615160	EXTENSORA P/PORTAD.NEC B 0768C	1	6.00	0.0000 +	0.00
1676	89999615170	EXTENSORA TELEC.90-BA-448A	1	5.00	0.0000 +	0.00
1677	89999615180	REGLETA TERMINALES 25 X 11	1	1.00	0.0000 +	0.00
1678	89999615190	REGLETA TERM.DESC.FUS.CAB.PLAN	1	0.00	0.0000 +	0.00
1679	89999615200	CABLE PLANO CONET.P/CENT.TELEC	1	4.00	0.0000 +	0.00
1680	89999615210	CABLE PLANO 30 PINES C/COND.	1	2.00	0.0000 +	0.00
1681	89999615220	CABLE PLANO 20 PINES C/COND.	1	1.00	0.0000 +	0.00
1682	89999615230	CABLE PLANO 10 PINES P/CENT.	1	10.00	0.0000 +	0.00



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Emisión: 10/11/94

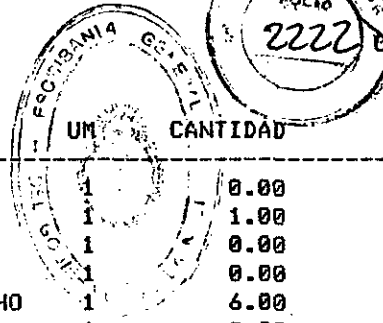
FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Página: 30

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Valores al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1683	89999615240	FUSIBLE P 430	1	0.00	0.0000 +	0.00
1684	89999615250	PORTARROLLO PAPEL IMPRESORA	1	1.00	0.0000 +	0.00
1685	89999615260	BOLSA DE FERRETERIA P/MDF	1	0.00	0.0000 +	0.00
1686	89999615269		1	0.00	0.0000 +	0.00
1687	89999615270	CONECTORES AMP 50 PINES MACHO	1	6.00	0.0000 +	0.00
1688	89999615279		1	0.00	0.0000 +	0.00
1689	89999615290	CABLE FLEXIBLE CORRUGADO	3	0.00	0.0000 +	0.00
1690	89999615299		3	0.00	0.0000 +	0.00
1691	89999615300	TARJETA INSTRUCC. P/TEL.TBT	1	100.00	0.0000 +	0.00
1692	89999615309		1	0.00	0.0000 +	0.00
1693	89999615310	TARJETA USO DIAG.COMP.AIRE SEC	1	28.00	0.0000 +	0.00
1694	89999615319		1	0.00	0.0000 +	0.00
1695	89999615320	MULTIPAR DE 11 PARES	3	0.00	0.0000 +	0.00
1696	89999615329		3	0.00	0.0000 +	0.00
1697	89999615330	SPAGUETTI 0.5 MM	3	100.00	0.0000 +	0.00
1698	89999615339		3	0.00	0.0000 +	0.00
1699	89999615340	SPAGUETTI 2 MM	3	50.00	0.0000 +	0.00
1700	89999615349		3	0.00	0.0000 +	0.00
1701	89999615350	MANGUERA DE GOMA P/COMPRESOR	3	0.00	0.0000 +	0.00
1702	89999615359		3	0.00	0.0000 +	0.00
1703	89999615360	MANGUERA DE PVC	3	2.00	0.0000 +	0.00
1704	89999615369		3	0.00	0.0000 +	0.00
1705	89999615370	CONECTORES P/COMPRESORES	1	2.00	0.0000 +	0.00
1706	89999615379		1	0.00	0.0000 +	0.00
1707	89999615380	BANA P/SOLDAR POLIETETANO REC.	3	0.00	0.0000 +	0.00
1708	89999615389		3	0.00	0.0000 +	0.00
1709	89999615390	VALVULA Y TAPA P/COMPRESOR	1	1.00	0.0000 +	0.00
1710	89999615399		1	0.00	0.0000 +	0.00
1711	89999615400	CEPILLO DE ACERO 5 CM	1	0.00	0.0000 +	0.00
1712	89999615409		1	0.00	0.0000 +	0.00
1713	89999615410	CONJ.VALVULA TAPA P/COM.VARIOS	1	1.00	0.0000 +	0.00
1714	89999615419		1	0.00	0.0000 +	0.00
1715	89999615430	ROLLO DE CINTA D/PAPEL P/TELET	1	2.00	0.0000 +	0.00
1716	89999615439		1	0.00	0.0000 +	0.00
1717	89999615450	TERMINALES F/EMPALMES D/CABLE	1	0.00	0.0000 +	0.00
1718	89999615459		1	0.00	0.0000 +	0.00
1719	89999615460	MANGO P/EMPALME 5 MM	1	0.00	0.0000 +	0.00
1720	89999615469		1	0.00	0.0000 +	0.00
1721	89999615470	CERRADURA P/CAJA TERMINALES	1	2.00	0.0000 +	0.00
1722	89999615479		1	0.00	0.0000 +	0.00
1723	89999615480	FILTRO DE AIRE P/COMPRESOR	1	0.00	0.0000 +	0.00
1724	89999615489		1	0.00	0.0000 +	0.00
1725	89999615490	LAMPARAS 2JW	1	7.00	0.0000 +	0.00
1726	89999615499		1	0.00	0.0000 +	0.00
1727	89999615500	LAMPARAS 48 V 5 W	1	22.00	0.0000 +	0.00
1728	89999615509		1	0.00	0.0000 +	0.00
1729	89999615510	LAMPARAS 2GW	1	2.00	0.0000 +	0.00
1730	89999615519		1	0.00	0.0000 +	0.00
1731	89999615520	LAMPARAS NG 9620 B	1	8.00	0.0000 +	0.00
1732	89999615529		1	0.00	0.0000 +	0.00
1733	89999615530	LAMPARA 32 V/0.06 A	1	0.00	0.0000 +	0.00
1734	89999615539		1	0.00	0.0000 +	0.00
1735	89999615540	ROLLO CINTA PVC P/PROT.MANG.	1	200.00	0.0000 +	0.00
1736	89999615549		1	0.00	0.0000 +	0.00
1737	89999615550	TRANSFORMADOR 220/231/110 V	1	1.00	0.0000 +	0.00
1738	89999615559		1	0.00	0.0000 +	0.00
1739	89999615560	ER.1 P/EMPALME RECTO	1	3.00	0.0000 +	0.00
1740	89999615569		1	0.00	0.0000 +	0.00

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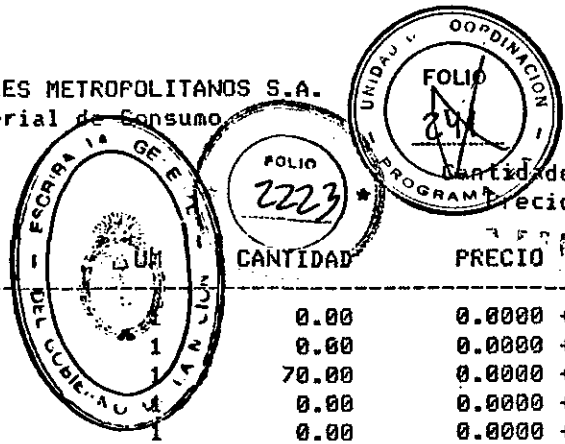
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

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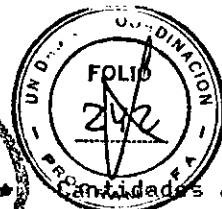
Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
1741	89999615570	FUSE. 15 A/32 V	0.00	0.0000 +	0.00	
1742	89999615579		1	0.0000 +	0.00	
1743	89999615580	FUSIBLE DIA DE VIDRIO	70.00	0.0000 +	0.00	
1744	89999615589		0.00	0.0000 +	0.00	
1745	89999615590	FUSIBLE MANGO DE ACERO	1	0.0000 +	0.00	
1746	89999615599		1	0.0000 +	0.00	
1747	89999615600	DISPLAY NUMERICO SN 713 B	1	9.00	0.0000 +	0.00
1748	89999615609		1	0.0000 +	0.00	
1749	89999615610	DIAPASON DE 120 CPS	1	1.00	0.0000 +	0.00
1750	89999615619		1	0.0000 +	0.00	
1751	89999615620	CEMENTADO CONTACTO 20 GMS	1	0.00	0.0000 +	0.00
1752	89999615629		1	0.0000 +	0.00	
1753	89999615630	FUSE.600 V/200 A B1A 200	1	5.00	0.0000 +	0.00
1754	89999615639		1	0.0000 +	0.00	
1755	89999615640	FILTRO P/COMPRESOR	1	5.00	0.0000 +	0.00
1756	89999615649		1	0.0000 +	0.00	
1757	89999615650	LAMPARA 18 V/2 W	1	11.00	0.0000 +	0.00
1758	89999615659		1	0.0000 +	0.00	
1759	89999615660	FUSE. PL. 4150	1	10.00	0.0000 +	0.00
1760	89999615669		1	0.0000 +	0.00	
1761	89999615670	FUSE. P-405 0.5.A.	1	8.00	0.0000 +	0.00
1762	89999615679		1	0.0000 +	0.00	
1763	89999615680	FUSE. P 313-1.3.A.	1	41.00	0.0000 +	0.00
1764	89999615689		1	0.0000 +	0.00	
1765	89999615690	FUSE. P 430	1	5.00	0.0000 +	0.00
1766	89999615699		1	0.0000 +	0.00	
1767	89999615700	FUSE. P.L. 475	1	10.00	0.0000 +	0.00
1768	89999615709		1	0.0000 +	0.00	
1769	89999615710	FUSE. P.L. 4.100	1	7.00	0.0000 +	0.00
1770	89999615719		1	0.0000 +	0.00	
1771	89999615720	FUSE. P 450	1	28.00	0.0000 +	0.00
1772	89999615729		1	0.0000 +	0.00	
1773	89999615730	FUSE. P 420	1	32.00	0.0000 +	0.00
1774	89999615739		1	0.0000 +	0.00	
1775	89999615740	FUSE. P.L. 475	1	12.00	0.0000 +	0.00
1776	89999615749		1	0.0000 +	0.00	
1777	89999615750	FUSE. P.L. 4150	1	6.00	0.0000 +	0.00
1778	89999615759		1	0.0000 +	0.00	
1779	89999615760	TAPA P/PULSAD.CON.S.F.1 TRANSP.	1	0.00	0.0000 +	0.00
1780	89999615769		1	0.0000 +	0.00	
1781	89999615770	TAPA P/PULSAD.CON.S.F.1 BLANCO	1	0.00	0.0000 +	0.00
1782	89999615779		1	0.0000 +	0.00	
1783	89999615780	TAPA P/PULSADOR 1 ARGE BLANCO	1	20.00	0.0000 +	0.00
1784	89999615789		1	0.0000 +	0.00	
1785	89999615790	TAPA P/PULSADOR 1 ARGE.TRANSF.	1	20.00	0.0000 +	0.00
1786	89999615799		1	0.0000 +	0.00	
1787	89999615800	FUSIBLE 250 V 0.5 A VIDRIO	1	0.00	0.0000 +	0.00
1788	89999615809		1	0.0000 +	0.00	
1789	89999615810	CONECTOR MACHO/HEMBRA 50 PINES	1	0.00	0.0000 +	0.00
1790	89999615819		1	0.0000 +	0.00	
1791	89999615820	CAJA P/DESCARGADOR NEGRA	1	0.00	0.0000 +	0.00
1792	89999615829		1	0.0000 +	0.00	
1793	89999615830	CAJA P/DESCARGADOR GRIS	1	0.00	0.0000 +	0.00
1794	89999615839		1	0.0000 +	0.00	
1795	89999615840	TECLA P/CONSOLA F 1	1	0.00	0.0000 +	0.00
1796	89999615849		1	0.0000 +	0.00	
1797	89999615850	CONECTOR 28 PINES F/PANEL	1	0.00	0.0000 +	0.00
1798	89999615859		1	0.0000 +	0.00	

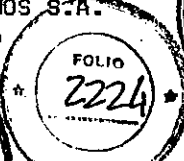
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 A
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Emisión: 10/11/94

Línea : 21 ROCA

Almacén: 213411 S. Y T. TEMPERLEY



Cantidades al: 31/09/94

Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1799	89999615860	MANGO P/CONEC.28 PINES HRS TOT	0.00	0.0000 +	0.00
1800	89999615869		1	0.0000 +	0.00
1801	89999615870	FUSIBLE VIDRIOS SA	1	0.0000 +	0.00
1802	89999615879		1	0.0000 +	0.00
1803	89999615880	FUSIBLE VIDRIOS 10A	1	0.0000 +	0.00
1804	89999615889		1	0.0000 +	0.00
1805	89999615890	INDICADORES P/REGLET.DE TERM.	1	39.00	0.0000 +
1806	89999615899		1	0.00	0.0000 +
1807	89999615900	TAPA P/PANELES DE TERMINAL	1	200.00	0.0000 +
1808	89999615909		1	0.00	0.0000 +
1809	89999615910	CONECT.MACHO/HEMBRA 50 PINES	1	0.00	0.0000 +
1810	89999615919		1	0.00	0.0000 +
1811	89999615920	SPAGUETTI 0.5 MM	1	1.00	0.0000 +
1812	89999615929		3	0.00	0.0000 +
1813	89999615930	ENLACE "U" P/PORTADORA NEC	1	0.00	0.0000 +
1814	89999615939		1	0.00	0.0000 +
1815	89999615940	INDICADOR LUMINOSO	1	0.00	0.0000 +
1816	89999615949		1	0.00	0.0000 +
1817	89999615950	CIRCUITO IMPRESO MOD.124	1	1.00	0.0000 +
1818	89999615959		1	0.00	0.0000 +
1819	89999615960	RELE CUADRUPLE INVERS.AE 3253	1	2.00	0.0000 +
1820	89999615969		1	0.00	0.0000 +
1821	89999615970	RELE CUADRUPLE INVER.AE 3218	1	1.00	0.0000 +
1822	89999615979		1	0.00	0.0000 +
1823	89999615980	RELE T/REED 12 V SIMP.INVERGO	1	1.00	0.0000 +
1824	89999615989		1	0.00	0.0000 +
1825	89999615990	RELE MRAIA	1	1.00	0.0000 +
1826	89999615999		1	0.00	0.0000 +
1827	89999616000	RELE AE 3244	1	1.00	0.0000 +
1828	89999616009		1	0.00	0.0000 +
1829	89999616010	LED VERDE C/PORTALED	1	1.00	0.0000 +
1830	89999616019		1	0.00	0.0000 +
1831	89999616020	DIODO ZENES 12 V	1	1.00	0.0000 +
1832	89999616029		1	0.00	0.0000 +
1833	89999616030	PUENTE RECTIFICADOR 5 B-3	1	1.00	0.0000 +
1834	89999616039		1	0.00	0.0000 +
1835	89999616040	CIRCUITO IMPRESO AMP 112 A	1	1.00	0.0000 +
1836	89999616049		1	0.00	0.0000 +
1837	89999616050	CIRCUITO IMPRESO DE MI-22	1	1.00	0.0000 +
1838	89999616059		1	0.00	0.0000 +
1839	89999616060	CIRCUITO IMPRESO DESC 116 A	1	1.00	0.0000 +
1840	89999616069		1	0.00	0.0000 +
1841	89999616070	CIRCUITO IMPRESO PLUS-1161	1	1.00	0.0000 +
1842	89999616079		1	0.00	0.0000 +
1843	89999616080	RELE ET 614	1	1.00	0.0000 +
1844	89999616089		1	0.00	0.0000 +
1845	89999616090	LAMPARA 220 V 150 W	1	0.00	0.0000 +
1846	89999616099		1	0.00	0.0000 +
1847	89999616110	CINTA FB-WN 20 10 M CAJAS	1	0.00	0.0000 +
1848	89999616119		1	0.00	0.0000 +
1849	89999616120	CINTA AISLADORA DE 5 CM	1	0.00	0.0000 +
1850	89999616129		3	0.00	0.0000 +
1851	89999616130	CINTA AISLADORA PVC 2 CM	1	0.00	0.0000 +
1852	89999616139		3	0.00	0.0000 +
1853	89999616140	CUBIERTA DE PE	1	255.00	0.0000 +
1854	89999616149		1	0.00	0.0000 +
1855	89999616150	CINTA ANTICONSIVA DE 4 CM	1	10.00	0.0000 +
1856	89999616159		1	0.00	0.0000 +

ANEXO

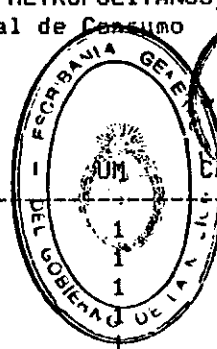
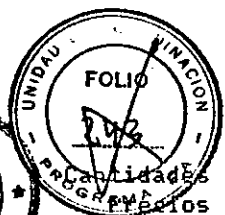
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 33

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



Capacidades al: 31/08/94
Expiración al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1857	89999616160	POLVO DE PE CAJAS	1	19.00	0.0000 + 0.00
1858	89999616169		1	0.00	0.0000 + 0.00
1859	89999616180	SEPARADOR A RESORTE	1	16.00	0.0000 + 0.00
1860	89999616189		1	0.00	0.0000 + 0.00
1861	89999616190	TERMO CONTRAIBLE 165-110	1	0.00	0.0000 + 0.00
1862	89999616199		1	0.00	0.0000 + 0.00
1863	89999616200	CINTA DE FIBRA DE VIDRIO	1	5.00	0.0000 + 0.00
1864	89999616209		1	0.00	0.0000 + 0.00
1865	89999616210	CUBIERTA DE TIPO P/BOLSA	1	2.00	0.0000 + 0.00
1866	89999616219		1	0.00	0.0000 + 0.00
1867	89999616220	TERMO CONTRAIBLE 65-38	1	0.00	0.0000 + 0.00
1868	89999616229		1	0.00	0.0000 + 0.00
1869	89999616230	GRAMPA PASACABLE P/MDF	1	14.00	0.0000 + 0.00
1870	89999616239		1	0.00	0.0000 + 0.00
1871	89999616240	CINTA DE MGE 10 M	1	5.00	0.0000 + 0.00
1872	89999616249		1	0.00	0.0000 + 0.00
1873	89999616250	ENDURECEDOR MEZCLA Nº 6	1	38.00	0.0000 + 0.00
1874	89999616259		1	0.00	0.0000 + 0.00
1875	89999616260	PLASTAN DE KILO	1	0.00	0.0000 + 0.00
1876	89999616269		1	0.00	0.0000 + 0.00
1877	89999616270	PLASTAN 1RA. CLASE	1	0.00	0.0000 + 0.00
1878	89999616279		1	0.00	0.0000 + 0.00
1879	89999616280	PLASTAN RHGO 2 M CLASE 4TA.	1	13.00	0.0000 + 0.00
1880	89999616289		1	0.00	0.0000 + 0.00
1881	89999616290	MEZCLA Nº 6 DE 1 KG.	1	23.00	0.0000 + 0.00
1882	89999616299		1	0.00	0.0000 + 0.00
1883	89999616300	EMBUDO P/EMPALME	1	7.00	0.0000 + 0.00
1884	89999616309		1	0.00	0.0000 + 0.00
1885	89999616310	MULTIPAR 50 CABLE CONEC.EXT 8M	1	0.00	0.0000 + 0.00
1886	89999616319		1	0.00	0.0000 + 0.00
1887	89999616320	MULTIPAR 26 CABL.C/CONEC.2 M	1	0.00	0.0000 + 0.00
1888	89999616329		1	0.00	0.0000 + 0.00
1889	89999616330	MULTIPAR 10 PARES C/CONEC. 2 M	1	0.00	0.0000 + 0.00
1890	89999616339		1	0.00	0.0000 + 0.00
1891	89999616340	CABLE CONEC. BARRA P/PVC MAF	1	4.00	0.0000 + 0.00
1892	89999616349		1	0.00	0.0000 + 0.00
1893	89999616350	CONEC. TELEF. MACHO/HEMBRA	1	1.00	0.0000 + 0.00
1894	89999616359		1	0.00	0.0000 + 0.00
1895	89999616370	TEFLON EN AEROSOL	1	0.00	0.0000 + 0.00
1896	89999616379		1	0.00	0.0000 + 0.00
1897	89999616380	CONTAC MAFIC EN AEROSOL	1	0.00	0.0000 + 0.00
1898	89999616389		1	0.00	0.0000 + 0.00
1899	89999616390	DESCARGADOR NEX 81-20	1	113.00	0.0000 + 0.00
1900	89999616399		1	0.00	0.0000 + 0.00
1901	89999616400	BURBUJA MAGNETICA	1	0.00	0.0000 + 0.00
1902	89999616409		1	0.00	0.0000 + 0.00
1903	89999616410	ESTANO DE SOLDAR 1 MM	1	0.00	0.0000 + 0.00
1904	89999616419		3	0.00	0.0000 + 0.00
1905	89999616420	CIRCUITO IMPRESO USPU	1	1.00	0.0000 + 0.00
1906	89999616429		1	0.00	0.0000 + 0.00
1907	89999616430	CIRCUITO IMPRESO VCPU	1	1.00	0.0000 + 0.00
1908	89999616439		1	0.00	0.0000 + 0.00
1909	89999616440	CIRCUITO IMPRESO FDCRBU	1	1.00	0.0000 + 0.00
1910	89999616449		1	0.00	0.0000 + 0.00
1911	89999616450	CIRCUITO IMPRESO ROM/RAM/2	1	0.00	0.0000 + 0.00
1912	89999616459		1	0.00	0.0000 + 0.00
1913	89999616460	CIRCUITO IMPRESO UMEX-CPU	1	0.00	0.0000 + 0.00
1914	89999616469		1	0.00	0.0000 + 0.00

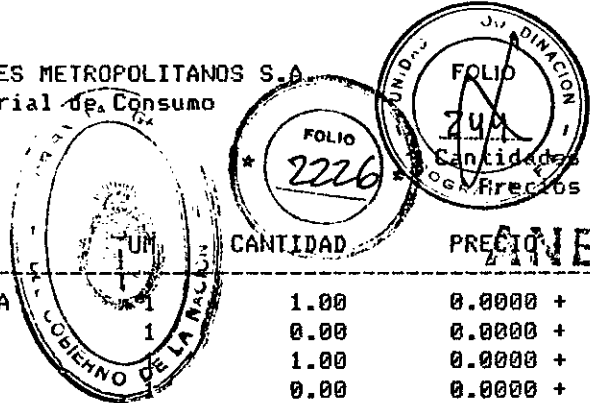
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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 34

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



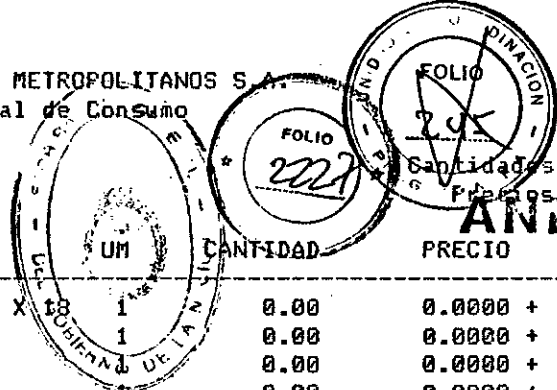
Cantidades al: 31/08/94
Cantidades al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1915	89999616470	CIRCUITO IMPRESO CONSOLA	1	0.0000 +	0.00
1916	89999616479		1	0.0000 +	0.00
1917	89999616480	CIRCUITO IMPRESO GCR1	1	0.0000 +	0.00
1918	89999616489		1	0.0000 +	0.00
1919	89999616490	TRANSFORMADOR ADAP.D/IMPEDANCIA	1	0.0000 +	0.00
1920	89999616499		1	0.0000 +	0.00
1921	89999616500	DESCARGADOR PX/PX - 1 B	1	0.0000 +	0.00
1922	89999616509		1	0.0000 +	0.00
1923	89999616510	MEZCLA Nº 8 ENDURECEDOR	100.00	0.0000 +	0.00
1924	89999616519		1	0.0000 +	0.00
1925	89999616520	MEZCLA Nº 8 C/RESINA	18.00	0.0000 +	0.00
1926	89999616529		1	0.0000 +	0.00
1927	89999616530	PRECEINTO DE SEGURIDAD	50.00	0.0000 +	0.00
1928	89999616539		1	0.0000 +	0.00
1929	89999616540	REGLETA TERMINAL 5 PARES	1	0.0000 +	0.00
1930	89999616549		1	0.0000 +	0.00
1931	89999616550	TAPA P/CONSOLA OPERADORA	1	0.0000 +	0.00
1932	89999616559		1	0.0000 +	0.00
1933	89999616560	CAJA D/TERMINALES 8 PARES	1	0.0000 +	0.00
1934	89999616569		1	0.0000 +	0.00
1935	89999616570	REGLETA D/TERMINAL 20 PARES	1	0.0000 +	0.00
1936	89999616579		1	0.0000 +	0.00
1937	89999616580	TERMINACION P/TRONCAL	1	0.0000 +	0.00
1938	89999616589		1	0.0000 +	0.00
1939	89999616590	CONECTOR 34-DLP-FCA 34-P	1	0.0000 +	0.00
1940	89999616599		1	0.0000 +	0.00
1941	89999616600	FICHA FUENTE P/PORTADORA	80.00	0.0000 +	0.00
1942	89999616609		1	0.0000 +	0.00
1943	89999616610	TAPONES TERMICOS CONT TC A 130	1	0.0000 +	0.00
1944	89999616619		1	0.0000 +	0.00
1945	89999616620	TAPONES TERMICOS CONT PCA 40	1	0.0000 +	0.00
1946	89999616629		1	0.0000 +	0.00
1947	89999616630	TAPONES TERMICOS CONT SA 140	10.00	0.0000 +	0.00
1948	89999616639		1	0.0000 +	0.00
1949	89999616640	TAPONES TERMICOS C/SA 130	1	0.0000 +	0.00
1950	89999616649		1	0.0000 +	0.00
1951	89999616650	TAPONES TERMICOS C/SA 120	1	0.0000 +	0.00
1952	89999616659		1	0.0000 +	0.00
1953	89999616660	TAPONES TERMICOS C/1 SA 120	1	0.0000 +	0.00
1954	89999616669		1	0.0000 +	0.00
1955	89999616670	DENSIMETRO	1	0.0000 +	0.00
1956	89999616679		1	0.0000 +	0.00
1957	89999616680	TERMOMETRO P/BATERIAS	1	0.0000 +	0.00
1958	89999616689		1	0.0000 +	0.00
1959	89999616700	BOCINA DIFUSORA - NJZ-944	1	0.0000 +	0.00
1960	89999616709		1	0.0000 +	0.00
1961	89999616720	PEDAL CONTROL TIPO WESTERN	1	0.0000 +	0.00
1962	89999616729		1	0.0000 +	0.00
1963	89999616730	SILICOS GEL AZUL	1	0.0000 +	0.00
1964	89999616739		1	0.0000 +	0.00
1965	89999616740	CARCAZA METALICA P/TEL. REP	1	0.0000 +	0.00
1966	89999616749		1	0.0000 +	0.00
1967	89999616750	CONECTOR DE 4 CONTAC.1 BANANNA	1	0.0000 +	0.00
1968	89999616759		1	0.0000 +	0.00
1969	89999616760	BOCINA D/PISO P/TAL/TALCK-BACK	1	2.0000 +	0.00
1970	89999616769		1	0.0000 +	0.00
1971	89999616770	CAJA TERM.P/AREAD FUND.47 X 18	1	0.0000 +	0.00
1972	89999616779		1	0.0000 +	0.00

ANEXO

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Cantidad al: 31/08/94
Presupuesto al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1973	89999616780	CAJA TERM.P/PARED FUND.33 X 18	1	0.00	0.0000 +	0.00
1974	89999616789		1	0.00	0.0000 +	0.00
1975	89999616790	EXTENSORES P/EQUIPO TELEX	1	0.00	0.0000 +	0.00
1976	89999616799		1	0.00	0.0000 +	0.00
1977	89999616800	EXTENSORA P/ONDA PORTADORA	1	0.00	0.0000 +	0.00
1978	89999616809		1	0.00	0.0000 +	0.00
1979	89999616810	FUENTE ALIMENT.P/CONTROL 326 A	1	0.00	0.0000 +	0.00
1980	89999616819		1	0.00	0.0000 +	0.00
1981	89999616820	FUENTE ALIMENT.P/CONTROL 327 A	1	0.00	0.0000 +	0.00
1982	89999616829		1	0.00	0.0000 +	0.00
1983	89999616830	CIRC.IMPR.TELEX TELESPLACHER	1	0.00	0.0000 +	0.00
1984	89999616839		1	0.00	0.0000 +	0.00
1985	89999616840	PULS.MICROTELEX TELESPLACHER	1	12.00	0.0000 +	0.00
1986	89999616849		1	0.00	0.0000 +	0.00
1987	89999616850	INTERRUPTOR DE HORQUILLA	1	5.00	0.0000 +	0.00
1988	89999616859		1	0.00	0.0000 +	0.00
1989	89999616860	CAPSULA RECEPTORA R 60	1	1.00	0.0000 +	0.00
1990	89999616869		1	0.00	0.0000 +	0.00
1991	89999616870	CAPSULA RECEPTORA T 60	1	0.00	0.0000 +	0.00
1992	89999616879		1	0.00	0.0000 +	0.00
1993	89999616880	FUSIBLE 10 A VIDRIO	1	0.00	0.0000 +	0.00
1994	89999616889		1	0.00	0.0000 +	0.00
1995	89999616890	ROCETA P/TELEFONO TB	1	2.00	0.0000 +	0.00
1996	89999616900	CIRCUITO IMPRESO N0 2001	1	1.00	0.0000 +	0.00
1997	89999616909		1	0.00	0.0000 +	0.00
1998	89999616910	CIRCUITO IMPRESO SP 1509	1	1.00	0.0000 +	0.00
1999	89999616919		1	0.00	0.0000 +	0.00
2000	89999616920	PLACAS EXTENSORAS P/TELEX	1	6.00	0.0000 +	0.00
2001	89999616929		1	0.00	0.0000 +	0.00
2002	89999616930	CIRCUITO IMPRESO AMPL	1	0.00	0.0000 +	0.00
2003	89999616939		1	0.00	0.0000 +	0.00
2004	89999616940	CIRCUITO IMPRESO AMPH	1	0.00	0.0000 +	0.00
2005	89999616949		1	0.00	0.0000 +	0.00
2006	89999616950	CIRCUITO IMPRESO SC	1	0.00	0.0000 +	0.00
2007	89999616959		1	0.00	0.0000 +	0.00
2008	89999616960	CIRCUITO IMPRESO MODH	1	0.00	0.0000 +	0.00
2009	89999616969		1	0.00	0.0000 +	0.00
2010	89999616970	CIRCUITO IMPRESO MOOL	1	0.00	0.0000 +	0.00
2011	89999616979		1	0.00	0.0000 +	0.00
2012	89999616980	CIRCUITO IMPRESO IND	1	0.00	0.0000 +	0.00
2013	89999616989		1	0.00	0.0000 +	0.00
2014	89999616990	CIRCUITO IMPRESO CONTAX	1	0.00	0.0000 +	0.00
2015	89999616999		1	0.00	0.0000 +	0.00
2016	89999617000	CIRCUITO IMPRESO CONTAX B	1	0.00	0.0000 +	0.00
2017	89999617009		1	0.00	0.0000 +	0.00
2018	89999617010	CIRCUITO IMPR.FOWSUPFLYN 5460	1	2.00	0.0000 +	0.00
2019	89999617019		1	0.00	0.0000 +	0.00
2020	89999617020	CIRCUITO IMPRESO FOW-SP 0785	1	0.00	0.0000 +	0.00
2021	89999617029		1	0.00	0.0000 +	0.00
2022	89999617030	MODULO TELEGRAFIA COOP.CONVERT	1	4.00	0.0000 +	0.00
2023	89999617039		1	0.00	0.0000 +	0.00
2024	89999617040	RESISTORES TERMINACION TRONCAL	1	0.00	0.0000 +	0.00
2025	89999617049		1	0.00	0.0000 +	0.00
2026	89999617050	TRANSFORM.ADAFAD P/TRONCAL	1	0.00	0.0000 +	0.00
2027	89999617059		1	0.00	0.0000 +	0.00
2028	89999617060	POVER UNITU-5713 B	1	0.00	0.0000 +	0.00
2029	89999617069		1	0.00	0.0000 +	0.00
2030	89999617070	FUSE TUBO VIDRIO 3.6.2 A	1	0.00	0.0000 +	0.00

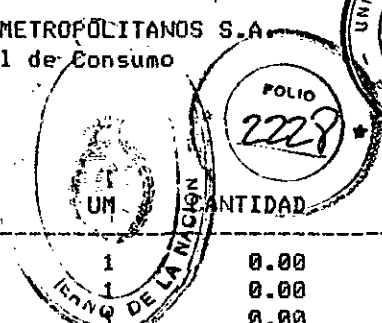
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 36

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



Anticipo al: 31/03/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
2031	89999617079		1	0.00	0.0000 +	0.00
2032	89999617080	CABLE DE PRUEBA DE 2 POLOS	1	0.00	0.0000 +	0.00
2033	89999617089		1	0.00	0.0000 +	0.00
2034	89999617090	DESCARGADORES 108 C	1	0.00	0.0000 +	0.00
2035	89999617099		1	0.00	0.0000 +	0.00
2036	89999617100	FUSIBLE CERAMICA 600 V 10 A	1	0.00	0.0000 +	0.00
2037	89999617109		1	0.00	0.0000 +	0.00
2038	89999617110	LAMPARITAS 48 V 5 W	1	0.00	0.0000 +	0.00
2039	89999617119		1	0.00	0.0000 +	0.00
2040	89999617120	FUSIBLE TUBO VIDRIO	1	0.00	0.0000 +	0.00
2041	89999617129		1	0.00	0.0000 +	0.00
2042	89999617130	DESCARGADOR P/MDF	1	12.00	0.0000 +	0.00
2043	89999617139		1	0.00	0.0000 +	0.00
2044	89999617140	CIRCUITO IMPRESO TRS	1	1.00	0.0000 +	0.00
2045	89999617149		1	0.00	0.0000 +	0.00
2046	89999617150	CIRCUITO IMPRESO CHTR	1	5.00	0.0000 +	0.00
2047	89999617159		1	0.00	0.0000 +	0.00
2048	89999617160	CIRCUITO IMPRESO FUMDISIS	1	2.00	0.0000 +	0.00
2049	89999617169		1	0.00	0.0000 +	0.00
2050	89999617170	CIRCUITO IMPRESO CA	1	2.00	0.0000 +	0.00
2051	89999617179		1	0.00	0.0000 +	0.00
2052	89999617180	CIRCUITO IMPRESO GPIL/OSC	1	2.00	0.0000 +	0.00
2053	89999617189		1	0.00	0.0000 +	0.00
2054	89999617190	CIRCUITO IMPRESO SIG 05C	1	2.00	0.0000 +	0.00
2055	89999617199		1	0.00	0.0000 +	0.00
2056	89999617200		1	0.00	0.0000 +	0.00
2057	89999617209		1	0.00	0.0000 +	0.00
2058	89999617210		1	0.00	0.0000 +	0.00
2059	89999617219		1	0.00	0.0000 +	0.00
2060	89999617220		1	0.00	0.0000 +	0.00
2061	89999617229		1	0.00	0.0000 +	0.00
2062	89999617230		1	0.00	0.0000 +	0.00
2063	89999617239		1	0.00	0.0000 +	0.00
2064	89999617240		1	0.00	0.0000 +	0.00
2065	89999617249		1	0.00	0.0000 +	0.00
2066	89999617250		1	0.00	0.0000 +	0.00
2067	89999617259		1	0.00	0.0000 +	0.00
2068	89999617260		1	0.00	0.0000 +	0.00
2069	89999617269		1	0.00	0.0000 +	0.00
2070	89999617270		1	0.00	0.0000 +	0.00
2071	89999617279		1	0.00	0.0000 +	0.00
2072	89999617280		1	0.00	0.0000 +	0.00
2073	89999617289		1	0.00	0.0000 +	0.00
2074	89999617290		1	0.00	0.0000 +	0.00
2075	89999617299		1	0.00	0.0000 +	0.00
2076	89999617300		1	0.00	0.0000 +	0.00
2077	89999617309		1	0.00	0.0000 +	0.00
2078	89999617310		1	0.00	0.0000 +	0.00
2079	89999617319		3	0.00	0.0000 +	0.00
2080	89999617320		1	0.00	0.0000 +	0.00
2081	89999617329		1	0.00	0.0000 +	0.00
2082	89999617330		1	0.00	0.0000 +	0.00
2083	89999617339		1	0.00	0.0000 +	0.00
2084	89999617340		1	0.00	0.0000 +	0.00
2085	89999617349		1	0.00	0.0000 +	0.00
2086	89999617350		1	0.00	0.0000 +	0.00
2087	89999617359		1	0.00	0.0000 +	0.00
2088	89999617360		1	0.00	0.0000 +	0.00

ANEXO

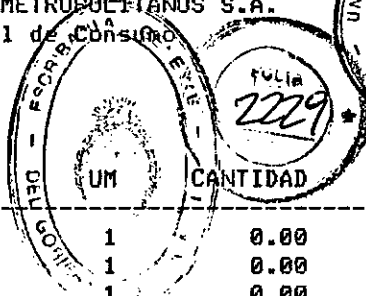
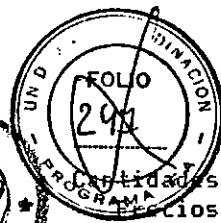
Handwritten signatures and initials

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 37

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

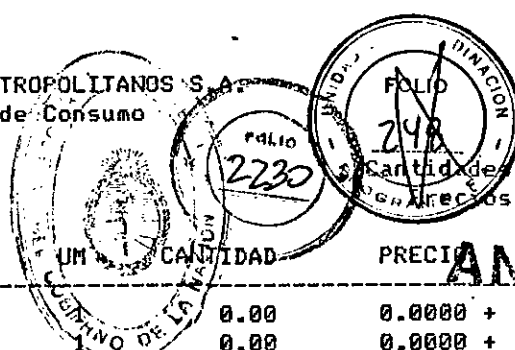


ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
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2091	89999617379		1	0.00	0.0000 +	0.00
2092	89999617380		1	0.00	0.0000 +	0.00
2093	89999617389		1	0.00	0.0000 +	0.00
2094	89999617390		1	0.00	0.0000 +	0.00
2095	89999617399		1	0.00	0.0000 +	0.00
2096	89999617400		1	0.00	0.0000 +	0.00
2097	89999617409		1	0.00	0.0000 +	0.00
2098	89999617410		1	0.00	0.0000 +	0.00
2099	89999617419		1	0.00	0.0000 +	0.00
2100	89999617420		1	0.00	0.0000 +	0.00
2101	89999617429		1	0.00	0.0000 +	0.00
2102	89999617430		1	0.00	0.0000 +	0.00
2103	89999617439		1	0.00	0.0000 +	0.00
2104	89999617440		1	0.00	0.0000 +	0.00
2105	89999617449		1	0.00	0.0000 +	0.00
2106	89999617450		1	0.00	0.0000 +	0.00
2107	89999617459		1	0.00	0.0000 +	0.00
2108	89999617460		1	0.00	0.0000 +	0.00
2109	89999617469		1	0.00	0.0000 +	0.00
2110	89999617470		1	0.00	0.0000 +	0.00
2111	89999617479		1	0.00	0.0000 +	0.00
2112	89999617480		1	0.00	0.0000 +	0.00
2113	89999617489		1	0.00	0.0000 +	0.00
2114	89999617490		1	0.00	0.0000 +	0.00
2115	89999617499		1	0.00	0.0000 +	0.00
2116	89999617500		1	0.00	0.0000 +	0.00
2117	89999617509		1	0.00	0.0000 +	0.00
2118	89999617510		1	0.00	0.0000 +	0.00
2119	89999617519		1	0.00	0.0000 +	0.00
2120	89999617520		1	0.00	0.0000 +	0.00
2121	89999617529		1	0.00	0.0000 +	0.00
2122	89999617530		1	0.00	0.0000 +	0.00
2123	89999617539		1	0.00	0.0000 +	0.00
2124	89999617540		1	0.00	0.0000 +	0.00
2125	89999617549		1	0.00	0.0000 +	0.00
2126	89999617550		1	0.00	0.0000 +	0.00
2127	89999617559		1	0.00	0.0000 +	0.00
2128	89999617560		1	0.00	0.0000 +	0.00
2129	89999617569		11	0.00	0.0000 +	0.00
2130	89999617570		1	0.00	0.0000 +	0.00
2131	89999617579		1	0.00	0.0000 +	0.00
2132	89999617580		1	0.00	0.0000 +	0.00
2133	89999617589		1	0.00	0.0000 +	0.00
2134	89999617590		1	0.00	0.0000 +	0.00
2135	89999617599		1	0.00	0.0000 +	0.00
2136	89999617600		1	0.00	0.0000 +	0.00
2137	89999617609		1	0.00	0.0000 +	0.00
2138	89999617610		1	0.00	0.0000 +	0.00
2139	89999617619		1	0.00	0.0000 +	0.00
2140	89999617620		1	0.00	0.0000 +	0.00
2141	89999617629		1	0.00	0.0000 +	0.00
2142	89999617630		1	0.00	0.0000 +	0.00
2143	89999617639		1	0.00	0.0000 +	0.00
2144	89999617640		1	0.00	0.0000 +	0.00
2145	89999617649		1	0.00	0.0000 +	0.00
2146	89999617650		1	0.00	0.0000 +	0.00

Handwritten signature and initials.

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY



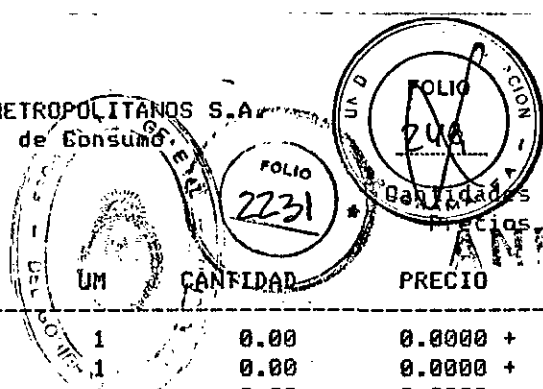
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2148	89999617660			0.00	0.0000 +	0.00
2149	89999617669			1	0.0000 +	0.00
2150	89999617670			1	0.0000 +	0.00
2151	89999617679			1	0.0000 +	0.00
2152	89999617680			1	0.0000 +	0.00
2153	89999617689			1	0.0000 +	0.00
2154	89999617690			1	0.0000 +	0.00
2155	89999617699			1	0.0000 +	0.00
2156	89999617700			1	0.0000 +	0.00
2157	89999617709			1	0.0000 +	0.00
2158	89999617710			1	0.0000 +	0.00
2159	89999617719			1	0.0000 +	0.00
2160	89999617720			1	0.0000 +	0.00
2161	89999617729			1	0.0000 +	0.00
2162	89999617730			1	0.0000 +	0.00
2163	89999617739			1	0.0000 +	0.00
2164	89999617740			1	0.0000 +	0.00
2165	89999617749			1	0.0000 +	0.00
2166	89999617750			1	0.0000 +	0.00
2167	89999617759			1	0.0000 +	0.00
2168	89999617760			1	0.0000 +	0.00
2169	89999617769			1	0.0000 +	0.00
2170	89999617770			1	0.0000 +	0.00
2171	89999617779			1	0.0000 +	0.00
2172	89999617780			1	0.0000 +	0.00
2173	89999617789			1	0.0000 +	0.00
2174	89999617790			1	0.0000 +	0.00
2175	89999617799			1	0.0000 +	0.00
2176	89999617800			1	0.0000 +	0.00
2177	89999617809			1	0.0000 +	0.00
2178	89999617810			1	0.0000 +	0.00
2179	89999617819			1	0.0000 +	0.00
2180	89999617820			1	0.0000 +	0.00
2181	89999617829			1	0.0000 +	0.00
2182	89999617830			1	0.0000 +	0.00
2183	89999617839			1	0.0000 +	0.00
2184	89999617840			1	0.0000 +	0.00
2185	89999617849			1	0.0000 +	0.00
2186	89999617850			1	0.0000 +	0.00
2187	89999617859			1	0.0000 +	0.00
2188	89999617860			1	0.0000 +	0.00
2189	89999617870			1	0.0000 +	0.00
2190	89999617880			1	0.0000 +	0.00
2191	89999617890			1	0.0000 +	0.00
2192	89999617900			1	0.0000 +	0.00
2193	89999617910			1	0.0000 +	0.00
2194	89999617920			1	0.0000 +	0.00
2195	89999617930			1	0.0000 +	0.00
2196	89999617940			1	0.0000 +	0.00
2197	89999617950			1	0.0000 +	0.00
2198	89999617960			1	0.0000 +	0.00
2199	89999617970			1	0.0000 +	0.00
2200	89999617980			1	0.0000 +	0.00
2201	89999617990			1	0.0000 +	0.00
2202	89999618000			1	0.0000 +	0.00
2203	89999618010			1	0.0000 +	0.00
2204	89999618020			1	0.0000 +	0.00

ANEXO

[Handwritten signature and scribbles]

Línea : 21 ROCA
Almacén: 213411 S. Y T. TEMPERLEY

Fecha: al: 31/08/94
Cierre: al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2205	89999618030		1	0.00	0.0000 +	0.00
2206	89999618040		1	0.00	0.0000 +	0.00
2207	89999618050	EQUIPO P/EMPALME SAGA 2000	1	2.00	0.0000 +	0.00
2208	89999618060		1	0.00	0.0000 +	0.00
2209	89999618070		1	0.00	0.0000 +	0.00
2210	89999618080		1	0.00	0.0000 +	0.00
2211	89999618090		1	0.00	0.0000 +	0.00
2212	89999618100		1	0.00	0.0000 +	0.00
2213	89999618110		1	0.00	0.0000 +	0.00
2214	89999618120		1	0.00	0.0000 +	0.00
2215	89999618130		1	0.00	0.0000 +	0.00
2216	89999618140		1	0.00	0.0000 +	0.00
2217	89999618160		1	0.00	0.0000 +	0.00
2218	89999618170		1	0.00	0.0000 +	0.00
2219	89999618180		1	0.00	0.0000 +	0.00
2220	89999618190		1	0.00	0.0000 +	0.00
2221	89999618200		1	0.00	0.0000 +	0.00
2222	89999618210		1	0.00	0.0000 +	0.00
2223	89999618220		1	0.00	0.0000 +	0.00
2224	89999618230	CAPACITOR 10 MF/50 VS	1	0.00	0.0000 +	0.00
2225	89999618240		1	0.00	0.0000 +	0.00
2226	89999618250		1	0.00	0.0000 +	0.00
2227	89999618260		1	0.00	0.0000 +	0.00
2228	89999618270		1	0.00	0.0000 +	0.00
2229	89999618280		1	0.00	0.0000 +	0.00
2230	89999618290		1	0.00	0.0000 +	0.00
2231	89999618300		1	0.00	0.0000 +	0.00
2232	89999618310		1	0.00	0.0000 +	0.00
2233	89999618320		1	0.00	0.0000 +	0.00
2234	89999618330		1	0.00	0.0000 +	0.00
2235	89999618340	FLAQUETA PA-8SDB.	1	1.00	0.0000 +	0.00
2236	89999618350	TELEFONO AP MAGNETO	1	2.00	0.0000 +	0.00
2237	89999618360		1	0.00	0.0000 +	0.00
2238	89999618370		1	0.00	0.0000 +	0.00
2239	89999618380		1	0.00	0.0000 +	0.00
2240	89999618390		1	0.00	0.0000 +	0.00
2241	89999618400		1	0.00	0.0000 +	0.00
2242	89999618410		1	0.00	0.0000 +	0.00
2243	89999618420		1	0.00	0.0000 +	0.00
2244	89999618430		1	0.00	0.0000 +	0.00
2245	89999618440		1	0.00	0.0000 +	0.00
2246	89999618450		1	0.00	0.0000 +	0.00
2247	89999618460		1	0.00	0.0000 +	0.00
2248	89999618470		1	0.00	0.0000 +	0.00
2249	89999618480		1	0.00	0.0000 +	0.00
2250	89999618490		1	0.00	0.0000 +	0.00
2251	89999618500		1	0.00	0.0000 +	0.00
2252	89999618510		1	0.00	0.0000 +	0.00
2253	89999618520	CAMPANA 12 VS.	1	2.00	0.0000 +	0.00
2254	89999618530	APARATO INDICADOR DE POSIC.	1	2.00	0.0000 +	0.00
2255	89999618540	APARATO BLOCK HARPER	1	3.00	0.0000 +	0.00
2256	89999618550	TELEFONO TALEN MAG	1	3.00	0.0000 +	0.00
2257	89999618560	CONMUTADOR	1	1.00	0.0000 +	0.00
2258	89999618570	APARATO MAGNETO P/CAMPANILLA	1	2.00	0.0000 +	0.00
2259	89999618580	CAMPANA DE 12 VS.	1	2.00	0.0000 +	0.00
2260	89999618590	PEDAL P/CONTROL	1	1.00	0.0000 +	0.00
2261	89999618600	CAMPANA BLOCK STAF	1	2.00	0.0000 +	0.00
2262	89999618610	SELECTOR P/CONTROL	1	1.00	0.0000 +	0.00

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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

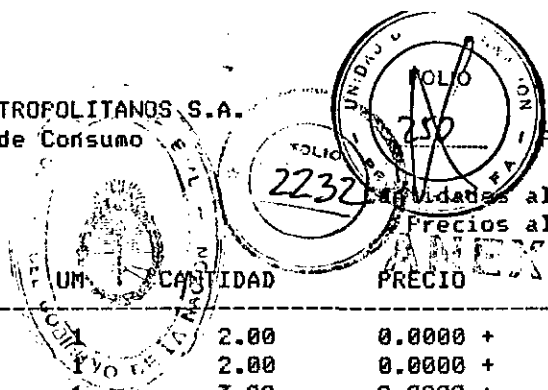
Página: 40

Línea : 21 ROCA

Almacén: 213411 S. Y T. TEMPERLEY

Validades al: 31/08/94

Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
2263	89999618620	CAMPANA P/BLOCK HARPER		2.00	0.0000 +	0.00
2264	89999618630	APARATO BLOCK HARPER		2.00	0.0000 +	0.00
2265	89999618640	CAMPANA BLOCK HARPER	1	3.00	0.0000 +	0.00
2266	89999618650	TELEFONO AF MAGNETO	1	3.00	0.0000 +	0.00
2267	89999618660	APARATO C40 CIRCUITO CAMPANA	1	2.00	0.0000 +	0.00
2268	89999618670	APARATO INDICADOR DE POSICION	1	2.00	0.0000 +	0.00
2269	89999618680	PEDALES P/CAJA DE CONTROLES	1	2.00	0.0000 +	0.00
2270	89999618690	SELECTOR DE CONTROL	1	2.00	0.0000 +	0.00
2271	89999618700	APARATO TELEGRAFICO COMPLETO	1	2.00	0.0000 +	0.00
2272	89999618710	TELEFONO AF MAGNETO	1	4.00	0.0000 +	0.00
2273	89999618720	TELEFONO AT COMPLETO	1	4.00	0.0000 +	0.00
2274	89999618730	CONMUTADOR 6 LIN	1	1.00	0.0000 +	0.00
2275	97204440000	CORDON TELEF.2 CONDUCTORES	1	20.00	3.3236	66.47
2276	97211550000	JUNTA AJUSTAR 19,05 MM	1	0.00	29.6902	0.00
2277	97216270000	RUEDA 228 MM	1	0.00	0.1391 #	0.00

Subtotal Almacén 448733.12

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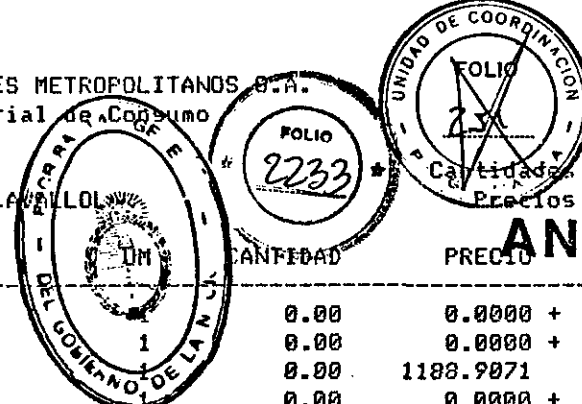
Emisión: 10/11/94

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLON

Cantidades al: 31/08/94

Precios al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1	41210100130	EJE MONTADO MOTRIZ	0.00	0.0000 +	0.00
2	41210100630	JUNTA	1	0.0000 +	0.00
3	41210101320		0.00	1188.9071	0.00
4	41210101920	ARANDELA	0.00	0.0000 +	0.00
5	41210102170	ASIENTO PUNTA DE EJE	1	0.0000 +	0.00
6	41210102200	SUPLEMENTO RESORTE	1	0.0000 +	0.00
7	41210103930	TOPE DE GOMA	1	0.0000 +	0.00
8	41210103990	PERNO LAT. SOPORTE	1	0.0000 +	0.00
9	41210104070	PERNO ROSCADO	1	0.0000 +	0.00
10	41210104480		1	0.0000 +	0.00
11	41210105200	UNIDAD DE FRENO	1	0.0000 +	0.00
12	41210105380	ZAPATAS DE FRENO	1	27.00	26.5190 716.01
13	41210105780	GENERADOR	1	0.0000 +	0.00
14	41210106190	PASTILLA DE FRENO	1	171.00	90.5892 15490.75
15	41210106410	PERNO SOPORTE PAST.	1	0.0000 +	0.00
16	41210107100	PERNO PALANCA FRENO	1	8.00	0.0000 + 0.00
17	41210108840	CAPUCHON DE GOMA	1	0.0000 +	0.00
18	41210108860	ANILLO DE TRABA	1	0.0000 +	0.00
19	41210108900	ACOPLE DE ENGRANAJE	1	1.00	0.0000 + 0.00
20	41210109020	ANILLO O RING	1	0.00	0.0000 + 0.00
21	41210109030	ANILLO O RING	1	0.00	0.0000 + 0.00
22	41220501000	ESCALERAS	1	13.00	0.0000 + 0.00
23	41221009020		1	1.00	0.0000 + 0.00
24	41221012000		1	1.00	0.0000 + 0.00
25	41221015000		1	0.00	0.0000 + 0.00
26	41222000010	PUERTA CORREDIZA	1	2.00	0.0000 + 0.00
27	41222000030	PUERTA CORREDIZA	1	0.00	0.0000 + 0.00
28	41222000960	SEGURO	1	13.00	0.0000 + 0.00
29	41222001000	VIDRIOS LAMINOSOS 909 X 399	1	132.00	14.3075 1888.59
30	41222001200	BURLETE PUERTA LATERAL	3	97.00	0.0000 + 0.00
31	41222004000	PESTILLO	1	10.00	0.0000 + 0.00
32	41222000360	VENTANILLA LATERAL	1	0.00	0.0000 + 0.00
33	41222000520	VIDRIO VENTANILLA DE PUERTA	1	17.00	11.7721 200.13
34	41222014010	PUERTA FRONTAL	1	0.00	0.0000 + 0.00
35	41222014650	VIDRIO PUERTA	1	110.00	20.4453 2248.98
36	41222015210	CERRADURA	1	0.00	0.0000 + 0.00
37	41222015230	MANIJA FRON.SIN TRABA	1	52.00	0.0000 + 0.00
38	41222015250	MANIJA C/TRABA	1	45.00	0.0000 + 0.00
39	41222015270	PLACA TRABA	1	19.00	0.0000 + 0.00
40	41222015290	PLACA DE BASE	1	0.00	0.0000 + 0.00
41	41222015350	ANILLO SEGER	1	49.00	0.0000 + 0.00
42	41222500620	PESTILLO	1	95.00	0.0000 + 0.00
43	41222500640	FLEJE DE CERRADURA	1	18.00	4.6533 83.76
44	41222500660	PLACA DE BASE	1	67.00	0.0000 + 0.00
45	41222500700	LEVA DE RETENCION	1	138.99	0.0000 + 0.00
46	41222500720	EJE	1	30.00	0.0000 + 0.00
47	41222500740	MANIJA DE PUERTA	1	0.00	0.0000 + 0.00
48	41222500760	MANIJA	1	0.00	0.0000 + 0.00
49	41222501590		1	10.00	0.0000 + 0.00
50	41222501620	PLACA DE FIJACION	1	3.00	0.0000 + 0.00
51	41222505060		1	3.00	4.9390 14.82
52	41222561550	ARANDELA DE HIERRO	1	2.00	0.0000 + 0.00
53	41222561910		1	47.00	0.0000 + 0.00
54	41223000010	VENTANILLA SUPERIOR	1	31.00	0.0000 + 0.00
55	41223000330	HOJA CRISTAL	1	6.00	13.0088 78.05
56	41223000480		1	0.00	0.0000 + 0.00
57	41223000640	VENTANILLA INFERIOR	1	40.00	0.0000 + 0.00
58	41223000690		1	0.00	0.0000 + 0.00

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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 2

Línea : 21 ROCA

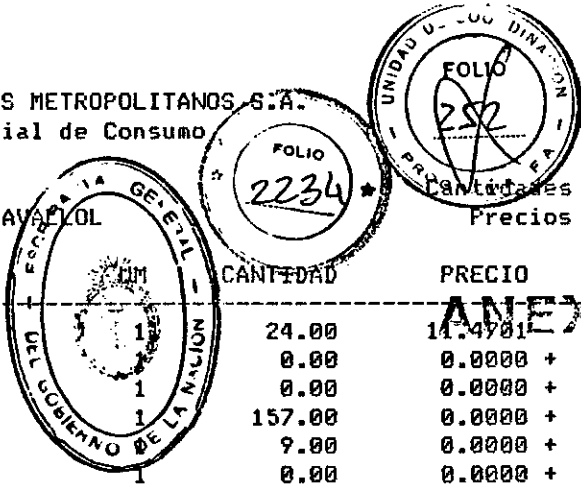
Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVAPYOL

Cantidades al: 31/08/94

Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
59	41223000700	VIDRIO	24.00	11.4781	275.28
60	41223000750		0.00	0.0000 +	0.00
61	41223000890		0.00	0.0000 +	0.00
62	41223000900	FIJADORES	157.00	0.0000 +	0.00
63	41223001220	PERSIANA	9.00	0.0000 +	0.00
64	41223002510		0.00	0.0000 +	0.00
65	41223008000	VIDRIO FRONTAL CONDUCTOR	15.00	67.9517	1019.28
66	41223008020	VIDRIO FRONTAL ACOMP.	53.00	71.6601	3797.99
67	41223010200		0.00	0.0000 +	0.00
68	41223010220		0.00	0.0000 +	0.00
69	41223022360	CONJUNTO	0.00	0.0000 +	0.00
70	41223022380	CONTACTO	0.00	0.0000 +	0.00
71	41223100030		3	204.00	907.45
72	41223100050		3	165.72	511.91
73	41223100070		1	100.00	259.47
74	41223100090	CORDON DE GOMA	3	521.00	371.06
75	41223100110		3	51.00	29.39
76	41223100150		3	10.00	0.00
77	41223100190		3	41.00	0.00
78	41223100230		3	0.00	0.00
79	41223100310		3	0.00	0.00
80	41223100330		3	0.00	0.00
81	41223100560		3	88.00	0.00
82	41224000070	ASIENTO FIJO	0.00	0.0000 +	0.00
83	41224002020	COLCHON COMPLETO	2.00	0.0000 +	0.00
84	41224005000	ASIENTO REBATIBLE	0.00	0.0000 +	0.00
85	41224005300	APOYA BRAZO	0.00	0.0000 +	0.00
86	41224005460	DECORATIVA	0.00	0.0000 +	0.00
87	41224005590	APOYA BRAZO	0.00	0.0000 +	0.00
88	41224005800	RESPALDO DEL ASIENTO	0.00	120.3156	0.00
89	41224006090	AGARRADERA METALICA	0.00	0.0000 +	0.00
90	41224006150	ASIENTO TAPIZADO	0.00	115.3024	0.00
91	41224010500	ASIENTO FIJO	0.00	0.0000 +	0.00
92	41224015020	ASIENTO FIJO	0.00	0.0000 +	0.00
93	41224015640	COLCHON COMPLETO	0.00	0.0000 +	0.00
94	41224015880	ASIENTO FIJO	0.00	0.0000 +	0.00
95	41228000190	AGARRADERA DE MANO	25.00	0.0000 +	0.00
96	41228000200	AGARRADERA PLASTICA	0.00	0.0000 +	0.00
97	41228001090	MENSULA SOPORTE	2.00	0.0000 +	0.00
98	41233010010	CONJUNTO	3.00	0.0000 +	0.00
99	41233010180	TERMINAL	56.00	0.0000 +	0.00
100	41233010200	TERMINAL	53.00	0.0000 +	0.00
101	41233010220	AISLADOR	0.00	0.0000 +	0.00
102	41233010240	AISLADOR	3.00	0.0000 +	0.00
103	41233010260	TERMINAL	11.00	0.0000 +	0.00
104	41233020000	LLAVE DE OPERACION	0.00	0.0000 +	0.00
105	41233021000	ACOPLE	2.00	0.0000 +	0.00
106	41233021200	SEGMENTO DE CONTACTO	0.00	0.0000 +	0.00
107	41233022360	CONJUNTO	0.00	0.0000 +	0.00
108	41233022380		1	7.00	0.00
109	41250100010	PANTOGRAFO	0.00	0.0000 +	0.00
110	41250100050	BARQUILLO DE PANTOGRAFO	0.00	0.0000 +	0.00
111	41250100070	PATIN PRINCIPAL	0.00	155.4077	0.00
112	41250100090	PATIN AUXILIAR	30.00	13.1809	395.43
113	41250100190		155.00	0.0000 +	0.00
114	41250100510	BUJE	0.00	0.0000 +	0.00
115	41250100550	BUJES	75.00	0.0000 +	0.00
116	41250100570	BUJE	106.00	0.0000 +	0.00

ANEXO



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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 3

Línea : 21 ROCA

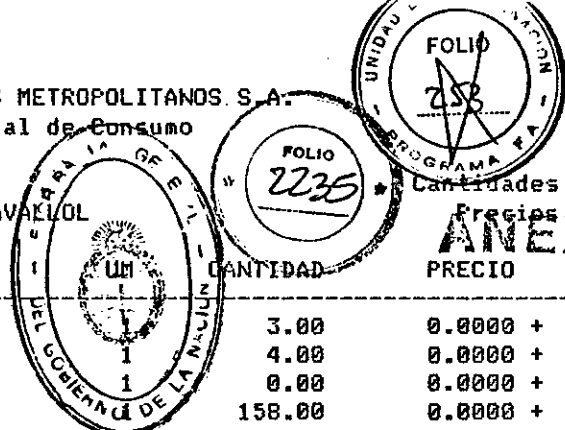
Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVAKIOL

Cantidades al: 31/08/94

Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
117	41250100610		3.00	0.0000 +	0.00	
118	41250100690	COLLAR	4.00	0.0000 +	0.00	
119	41250100750	PERCHAS	1	0.0000 +	0.00	
120	41250100810	BUJES	158.00	0.0000 +	0.00	
121	41250100850	BUJE PANTAGRAFO	1	80.00	0.0000 +	0.00
122	41250100870	BUJE PANTOGRAFO	1	80.00	0.0000 +	0.00
123	41250101270		1	80.00	0.0000 +	0.00
124	41250101290	BUJES	1	145.00	0.0000 +	0.00
125	41250101450	EMPAQUETADURA	1	0.00	0.0000 +	0.00
126	41250102070	COLLAR	1	0.00	0.0000 +	0.00
127	41250102090	COJINETE	1	0.00	0.0000 +	0.00
128	41250102110	PERNO	1	105.00	0.0000 +	0.00
129	41250104180	RODAMIENTO	1	0.00	0.0000 +	0.00
130	41250104640	TAPON DE GOMA	1	0.00	0.0000 +	0.00
131	41250108000	AISLADOR	1	0.00	0.0000 +	0.00
132	41250108500	AISLADOR	1	1.00	0.0000 +	0.00
133	41250700020	INTERRUPTOR	1	0.00	0.0000 +	0.00
134	41250701910		1	20.00	0.0000 +	0.00
135	41250702720	CONTACTO MOVIL	1	31.00	0.0000 +	0.00
136	41250703160	CUERPO FIJO	1	0.00	0.0000 +	0.00
137	41250709000	VALVULA	1	2.00	0.0000 +	0.00
138	41250713000	CONECTOR	1	0.00	0.0000 +	0.00
139	41250713680	CONTACTOR	1	4.00	0.0000 +	0.00
140	41250716000	CANALIZADOR	1	1.00	0.0000 +	0.00
141	41250718500	AISLADOR	1	24.00	0.0000 +	0.00
142	41250800050	VENTILADOR	1	5.00	0.0000 +	0.00
143	41250800270	PORTA ESCOBILLA	1	0.00	0.0000 +	0.00
144	41250800470	PORTA ESCOBILLAS	1	4.00	0.0000 +	0.00
145	41250801190	TAPA DE INSPECCION	1	5.00	0.0000 +	0.00
146	41250801230	TAPA DE INSPECCION	1	0.00	0.0000 +	0.00
147	41250801430	ESCOBILLAS MOTOR DE TRACCION	1	192.00	16.0420	3080.06
148	41250801450	PORTA ESCOBILLAS	1	2.00	0.0000 +	0.00
149	41251600050	VOLTIMETRO	1	1.00	0.0000 +	0.00
150	41251600250	VOLTIMETRO	1	2.00	0.0000 +	0.00
151	41252101760	COLUMNA DE TIRISTORES	1	3.00	0.0000 +	0.00
152	41252102500	BANCO DE DIODO	1	3.00	0.0000 +	0.00
153	41252103020	DIODO RECTIF.PRINC.	1	60.00	0.0000 +	0.00
154	41252103730	RESISTOR	1	0.00	0.0000 +	0.00
155	41252103790	RELEVADOR	1	8.00	0.0000 +	0.00
156	41252104390	RELEVADOR	1	6.00	0.0000 +	0.00
157	41252108020	DIODO	1	0.00	0.0000 +	0.00
158	41252110800	UNIDAD	1	0.00	0.0000 +	0.00
159	41252111520	RELEVADOR	1	0.00	0.0000 +	0.00
160	41252112600	UNIDAD	1	0.00	0.0000 +	0.00
161	41252112680		1	15.00	0.0000 +	0.00
162	41252117600	REACTOR	1	4.00	0.0000 +	0.00
163	41252118600	UNIDAD	1	0.00	0.0000 +	0.00
164	41260300500	EQUIPO	1	8.00	0.0000 +	0.00
165	41260304500	GAVETA	1	0.00	0.0000 +	0.00
166	41260330010	CAJA COMPLETA	1	0.00	0.0000 +	0.00
167	41260332690	CONTACTOR	1	0.00	0.0000 +	0.00
168	41260332710	CONTACTOR	1	0.00	0.0000 +	0.00
169	41260335750	RELE DE TIEMPO	1	0.00	0.0000 +	0.00
170	41260340020		1	0.00	0.0000 +	0.00
171	41260344020		1	2.00	0.0000 +	0.00
172	41260700030	CONTROL DE MARCHA	1	0.00	0.0000 +	0.00
173	41260700450	ARBOL DE LEVA	1	2.00	0.0000 +	0.00
174	41260701050	ARBOL DE LEVA	1	1.00	0.0000 +	0.00



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Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

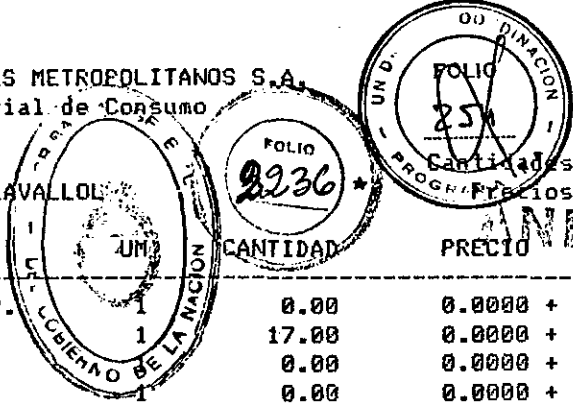
Página: 4

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOR

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
175	41261500010	CONTROLADOR PRINCIP.COMP.	1	0.00	0.00
176	41261501440		1	17.00	0.00
177	41261501960	PUNTA DE CONTACTO	1	0.00	0.00
178	41261502900	LAMPARA	1	0.00	0.00
179	41261504060	RELE	1	3.00	0.00
180	41261504780	RELE	1	2.00	0.00
181	41261505900		1	0.00	0.00
182	41261507720	CONTACTOR	1	3.00	0.00
183	41261507960		1	0.00	0.00
184	41261508240		1	6.00	0.00
185	41261508360	PUNTA DE CONTACTO	1	46.00	0.00
186	41261510660	RELEVADOR	1	0.00	0.00
187	41261511720	DISPOSITIVO	1	0.00	0.00
188	41261511740	CONTACTO	1	0.00	0.00
189	41261700010	GAVETA	1	1.00	0.00
190	41261704500		1	4.00	0.00
191	41261708000	GAVETA COMPLETA	1	12.00	0.00
192	41261715000	BOBINA DE ATS	1	2.00	0.00
193	41261716000	BOTON	1	3.00	0.00
194	41262100020	CAJA DE VCB	1	0.00	0.00
195	41262100060	RELE SOBRE CARGA	1	2.00	0.00
196	41262100760	RELEVADOR VCB	1	0.00	0.00
197	41262103340	CONTACTOR	1	0.00	0.00
198	41262104600	CONTACTOR	1	0.00	0.00
199	41262105720	RECEPTACULO	1	5.00	0.00
200	41262105740	RELE AUXILIAR	1	2.00	0.00
201	41270100250	ESCOBILLA DE MOTO ALTERNADOR	1	30.00	0.00
202	41270200640	TRANSFORMADOR	1	2.00	0.00
203	41270200980	RELE	1	6.00	0.00
204	41270202500	AISLADOR	1	0.00	0.00
205	41270211100	AISLADOR	1	1.00	0.00
206	41270211380	AISLADOR	1	0.00	0.00
207	41271600010	CALEFACTOR	1	7.00	241.6795
208	41271700010	VENTILADOR SALON	1	0.00	0.00
209	41271702000	VENTILADOR DE CABINA	1	0.00	0.00
210	41271706000	VENTILADOR RECTI.	1	0.00	0.00
211	41271706220	CAPACITOR	1	0.00	0.00
212	41271706340	TACO DE GOMA	1	3.00	0.00
213	41271712600	PERNO	1	0.00	0.00
214	41271712620	PERNO	1	0.00	0.00
215	41271712640	ARANDELA	1	0.00	0.00
216	41271712660	GOMA DE AISLAMIENTO	1	1.00	0.00
217	41271712760	CHAVETA	1	0.00	0.00
218	41271712780	PERNO	1	0.00	0.00
219	41271800300		1	3.00	0.00
220	41271800540		1	221.00	0.00
221	41271900050	VELOCIMETRO	1	2.00	0.00
222	41272000020		1	3.00	0.00
223	41272000060		1	82.00	182.6111
224	41272000300		1	0.00	2.4299
225	41272200300	LAMPARA	1	0.00	0.00
226	41272300020		1	0.00	0.00
227	41272300040	TULIPA PUERTA ABIERTA	1	41.00	14.3158
228	41272300500		1	5.00	0.00
229	41272600040	PLAFON DE SALON 40 W	1	47.00	0.00
230	41273300020		1	0.00	0.00
231	41273400010	CAJA ELECTRONICA	1	25.00	0.00
232	41273400020	CAJA	1	0.00	0.00



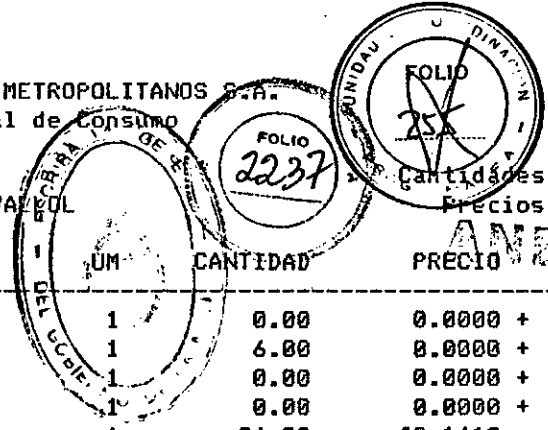
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Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVAZOL

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
233	41280100060	CONJUNTO	1	0.00	0.0000 +	0.00
234	41280100250	O RING	1	6.00	0.0000 +	0.00
235	41280101400	RODAMIENTO	1	0.00	0.0000 +	0.00
236	41280101860	O RING	1	0.00	0.0000 +	0.00
237	41280102220	BUJE	1	26.00	40.1612	1044.19
238	41280102960	ANILLO	1	36.00	0.0000 +	0.00
239	41280109780	MOTOR COMPLETO	1	0.00	1019.4850	0.00
240	41280109940	PALETA VENTILADOR	1	0.00	0.0000 +	0.00
241	41280110000	RODAMIENTO	1	0.00	37.0973	0.00
242	41280111580	AMORTIGUADOR DE GOMA	1	2.00	0.0000 +	0.00
243	41280112540	JUNTA	1	2.00	0.0000 +	0.00
244	41280112860	O RING	1	12.00	0.0000 +	0.00
245	41280113000	CARTUCHO SECADOR	1	0.00	206.4138	0.00
246	41280115500		1	0.00	0.0000 +	0.00
247	41280115900	ARO DE PISTON	1	0.00	0.0000 +	0.00
248	41280119440	SILENCIADOR	1	6.00	0.0000 +	0.00
249	41280137080	ESCOBILLAS	1	7.00	0.0000 +	0.00
250	41280200010		1	0.00	0.0000 +	0.00
251	41280205000	GOBERNADOR	1	0.00	0.0000 +	0.00
252	41280207600	LEVA DE CIERRE	1	5.00	0.0000 +	0.00
253	41280208080	CONTACTOS	1	3.00	0.0000 +	0.00
254	41280400020	VALVULA 26 C EMERGENCIA	1	6.00	0.0000 +	0.00
255	41280400240	O RING	1	51.00	0.0000 +	0.00
256	41280400280	O RING	1	41.00	0.0000 +	0.00
257	41280400500	O RING	1	7.00	0.0000 +	0.00
258	41280400660	O RING	1	0.00	0.0000 +	0.00
259	41280400720	VALVULA	1	2.00	0.0000 +	0.00
260	41280400860		1	28.00	0.0000 +	0.00
261	41280400920	O RING	1	86.00	0.0000 +	0.00
262	41280401040		1	10.00	0.0000 +	0.00
263	41280401140	JUNTA TORICA	1	0.00	0.0000 +	0.00
264	41280401160	JUNTA	1	42.00	0.0000 +	0.00
265	41280401180	O RING	1	145.00	0.0000 +	0.00
266	41280401280	O RING	1	0.00	0.0000 +	0.00
267	41280401620	O RING	1	73.00	0.0000 +	0.00
268	41280401840		1	6.00	0.0000 +	0.00
269	41280401960		1	2.00	0.0000 +	0.00
270	41280402060		1	12.00	0.0000 +	0.00
271	41280402120		1	0.00	0.0000 +	0.00
272	41280402200	O RING	1	64.00	0.0000 +	0.00
273	41280500250		1	0.00	0.0000 +	0.00
274	41280700010	VALVULA	1	0.00	180.3111	0.00
275	41280700100		1	0.00	0.0000 +	0.00
276	41280700390	MANIJA	1	0.00	0.0000 +	0.00
277	41280700470	O RING	1	228.00	0.0000 +	0.00
278	41280701180	O RING	1	248.00	0.0000 +	0.00
279	41280701320		1	63.00	0.0000 +	0.00
280	41280701540	O RING	1	30.00	0.0000 +	0.00
281	41280701760		1	47.00	0.0000 +	0.00
282	41280702180	O RING	1	0.00	0.0000 +	0.00
283	41280702400	O RING	1	19.00	0.0000 +	0.00
284	41280702880		1	16.00	0.0000 +	0.00
285	41280703240		1	48.00	0.0000 +	0.00
286	41280703350		1	0.00	190.2583	0.00
287	41280705000	VALVULA	1	0.00	0.0000 +	0.00
288	41280705420	O RING	1	215.00	0.0000 +	0.00
289	41280900010	VALVULA PRESION	1	1.00	0.0000 +	0.00
290	41280900490	VALVULA DE SUMINISTRO	1	0.00	0.0000 +	0.00



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Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL

Cantidades al: 31/03/94

Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
291	41280900510	ANILLO	1	0.00	0.00
292	41281001000	VALVULA DE SEG.	1.00	0.0000 +	0.00
293	41281700020	VALVULA	3.00	0.0000 +	0.00
294	41281700380	O RING	1	62.00	0.0000 +
295	41282000020	VALVULA	1	1.00	0.0000 +
296	41282000340	BOBINA	1	1.00	0.0000 +
297	41282001500	VALVULA	1	0.00	0.0000 +
298	41282001960	ANILLO O'RING P 20	1	0.00	0.0000 +
299	41282002080	BOBINA	1	0.00	0.0000 +
300	41282002330	O RING	1	0.00	0.0000 +
301	41282002570	VALVULA	1	0.00	0.0000 +
302	41282015000	VALVULA	1	1.00	0.0000 +
303	41282015280	ENSAMBLE	1	1.00	0.0000 +
304	41282015420	JUNTA	1	4.00	0.0000 +
305	41282200010	VALVULA	1	0.00	0.0000 +
306	41282200390	O RING	1	0.00	0.0000 +
307	41282200630	O RING	1	34.00	0.0000 +
308	41282200690		1	56.00	0.0000 +
309	41282200770		1	32.00	0.0000 +
310	41282201410		1	17.00	0.0000 +
311	41282201450	O RING	1	9.00	0.0000 +
312	41282201600		1	19.00	168.7271
313	41282300010	VALVULA	1	2.00	0.0000 +
314	41282500020	CONJUNTO COMPLETO	1	2.00	0.0000 +
315	41282501000	O RING	1	39.00	0.0000 +
316	41282600020	VALVULA	1	3.00	0.0000 +
317	41282700020	VALVULA	1	2.00	0.0000 +
318	41282700340	O RING	1	0.00	0.0000 +
319	41283102740		1	6.00	0.0000 +
320	41283301000	ACTUADOR CONJUNTO	1	1.00	0.0000 +
321	41283301001		1	0.00	0.0000 +
322	41283400020	CILINDRO	1	9.00	0.0000 +
323	41283400040	DIAFRAGMA	1	10.00	0.0000 +
324	41283601420	FUELLE	1	4.00	0.0000 +
325	41283602000	ARANDELA	1	0.00	0.0000 +
326	41283700500	FILTRO DE AIRE	1	1.00	0.0000 +
327	41283700600	BUJE DE GOMA	1	990.00	0.0000 +
328	41284005880		3	0.00	0.3673
329	41285000020		1	0.00	0.0000 +
330	41285000180	GOMA AMORTIGUADORA	1	98.00	0.0000 +
331	41285000220	CUBETA DE PISTON	1	28.00	0.0000 +
332	41285000580	RESORTE	1	0.00	0.0000 +
333	41285000920	BUJE DE GOMA	1	0.00	0.0000 +
334	41285001210	O RING	1	0.00	0.0000 +
335	41285100010	BOCINA	1	0.00	87.2446
336	41285300010		1	0.00	0.0000 +
337	41285300110	CUBETA	1	0.00	0.0000 +
338	41285300140	TAPA DE CILINDRO	1	0.00	0.0000 +
339	41285300380	JUNTA	1	10.00	0.0000 +
340	41285300520	O RING	1	23.00	0.0000 +
341	41285301000	BRAZO LIMPIAPARABRIZAS	1	0.00	47.8082
342	41285301320	JUNTA	1	69.00	0.0000 +
343	41285301360	ESCOBILLA	1	14.00	9.0580
344	41285400020	UNIDAD INTERFAZ	1	2.00	0.0000 +
345	41285507000	MANGUERA FLEX.P/COMPRESOR A/P	1	3.00	323.1015
346	41285507540		1	4.00	0.0000 +
347	41285700010	EQUIPO COMPLETO	1	0.00	0.0000 +
348	41285701000	O RING	1	107.00	0.0000 +

ANEXO

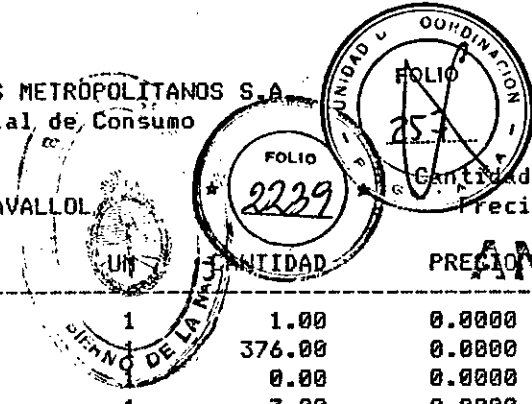
Handwritten signatures and initials.

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL

Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
349	41285701780	COMPRESOR DE AIRE AUX.	1	1.00	0.0000 + 0.00
350	41285800080	JUNTA	376.00	0.0000 +	0.00
351	41290300010	AISLADOR	0.00	0.0000 +	0.00
352	41290400020	FARARRAYOS COMPLETO	1	3.00	0.0000 + 0.00
353	41290700410	RELE	1	3.00	0.0000 + 0.00
354	41290701950		1	14.00	0.0000 + 0.00
355	41290708000	TRANSFORMADOR	1	0.00	0.0000 + 0.00
356	41610200300	BUJE	1	0.00	1.5068 0.00
357	41610200490		1	0.00	0.0000 + 0.00
358	41610300140		1	250.00	0.0000 + 0.00
359	41610300260		1	0.00	0.0000 + 0.00
360	41610300320	RESORTE	1	0.00	0.0000 + 0.00
361	41610300330	RESORTE	1	0.00	0.0000 + 0.00
362	41610300390	TOPE DE GOMA	1	0.00	0.0000 + 0.00
363	41610300580	BIELA DE SUSPENSION	1	0.00	0.3388 0.00
364	41610400130		1	0.00	10.8338 0.00
365	41610400810	TUERCA M 12	1	0.00	1.1299 0.00
366	41620502020	PASAMANO CORTO	1	6.00	61.3094 367.86
367	41620502030	PASAMANOS LARGOS	1	4.00	1.3019 5.21
368	41621100050	PANEL P/REVESTIM.	1	0.00	53.1616 0.00
369	41622000150		1	0.00	319.3636 0.00
370	41622000340	SOPORTE CORTINA	1	0.00	0.0000 + 0.00
371	41622000360	SOPORTE CORTINA	1	0.00	0.0000 + 0.00
372	41622000760	CERRADURA	1	0.00	0.0000 + 0.00
373	41622001070	CORDON	3	0.00	7.3362 0.00
374	41622001100	BURLETE DE GOMA	3	9.00	4.5243 40.72
375	41622001170	AGARRADOR Y RESORTE	1	4.00	1.4040 5.62
376	41622001400	SOPORTE	1	42.00	7.0047 294.20
377	41622001410	SOPORTE DE TRABA	1	45.00	7.0047 315.21
378	41622003150	PESTILLO IZQA.	1	9.00	9.6998 87.30
379	41622003160	PESTILLO DER.	1	10.00	9.6998 97.00
380	41622500700		1	0.00	154.5877 0.00
381	41622500790		1	0.00	36.1095 0.00
382	41622500800		1	0.00	36.1095 0.00
383	41622500820	TRABA	1	0.00	17.9326 0.00
384	41622500830	PESTILLO	1	0.00	28.7966 0.00
385	41622500840	PESTILLO	1	93.00	30.5354 2839.79
386	41622501260	EJE PESTILLO PUERTA	1	11.00	4.5469 50.02
387	41622501270		1	0.00	0.0000 + 0.00
388	41622501280	COOLAR P/PESTILLO	1	0.00	1.5908 0.00
389	41622501290	TRABA	1	0.00	36.3520 0.00
390	41622501300	ALOJAMIENTO DE TRABA	1	7.00	46.0460 322.32
391	41623000050	BURLETE	3	0.00	0.1391 # 0.00
392	41623000500	FIJADOR MECANICO	1	89.00	5.4858 488.24
393	41623000520	FIJADOR MECANICO	1	88.00	5.4858 482.75
394	41623001030	BURLETE	3	0.00	2.6241 0.00
395	41623001110	FIJADOR MECANICO	1	38.00	5.4858 208.46
396	41623002500		1	0.00	341.2177 0.00
397	41623002550	FIJADOR MECANICO	1	6.00	5.4858 32.91
398	41623002570	FIJADOR MECANICO	1	0.00	5.4858 0.00
399	41623003010	VIDRIO P/VENT.FIJA CO.ELE.JAP.	1	0.00	68.9007 0.00
400	41623003020		1	0.00	235.3738 0.00
401	41623003030		1	0.00	68.9007 0.00
402	41623003050	BURLETE	3	0.00	4.0105 0.00
403	41623003060	CORDON	3	0.00	0.1391 # 0.00
404	41624000210	RSPALDO SIN MANIJA	1	0.00	0.0000 + 0.00
405	41624000300	PERNO DE SUJECION	1	0.00	4.3372 0.00
406	41624000500	BOCA LLAVE	1	11.00	1.1299 12.43



ANEXO

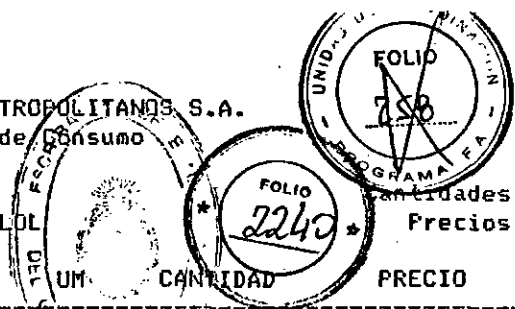
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Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL

Cantidades al: 31/08/94

Precios al: 31/07/94



#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
407	41624000510	CERRADURA	1	11.00	2.108	23.22
408	41624000600	RESPALDO ASIEN TO FIJO	1	13.00	263.27	3422.63
409	41624001200	ASIEN TO FIJO	1	0.00	0.0000 +	0.00
410	41624001500	FASADOR DE TRABA	1	1915.00	0.1758	336.66
411	41624001600	MECANISMO ASIEN TO	1	0.00	39.7484	0.00
412	41624002250	RESPALDO DE ASIEN TO	1	2.00	267.7670	535.53
413	41624002270	GRAMPA DE FIJACION	1	0.00	0.1391 #	0.00
414	41624003000		1	0.00	197.5477	0.00
415	41627500090		1	0.00	0.0000 +	0.00
416	41627500900		1	0.00	3.5122	0.00
417	41627501000	VIDRIO	1	23.00	9.5851	220.46
418	41628000010	AGARRADERA	1	98.00	54.1794	5309.58
419	41628000060		1	14.00	0.0000 +	0.00
420	41628000440	PORTA EQUIPAJE	1	0.00	41.0000	0.00
421	41628000480	PORTA EQUIPAJE	1	0.00	148.3014	0.00
422	41628000700	ACRILICO CHICHARRA	1	0.00	0.5831	0.00
423	41628000710	ACRILICO	1	0.00	1.5318	0.00
424	41628000720	ACRILICO GRIFO PUERTA	1	20.00	8.4465	168.93
425	41628000730	ACRILICO TIERRA	1	39.00	0.1391 #	5.42
426	41628000770	CARTEL PROHIBIDO FUMAR	1	0.00	0.1391 #	0.00
427	41628000800	PARASOL AZUL	1	29.00	0.1391 #	4.03
428	41628002400	FESTILLO C/LLAVE	1	0.00	7.5419	0.00
429	41628005520	MOLDURA	1	0.00	0.1391 #	0.00
430	41628005530	MOLDURA	1	0.00	0.1391 #	0.00
431	41629000030	TUERCA	1	0.00	0.1391 #	0.00
432	41629000040	TUERCA	1	0.00	0.1391 #	0.00
433	41629000060	TUERCA	1	0.00	0.1391 #	0.00
434	41629000080	TUERCAS	1	0.00	0.1391 #	0.00
435	41629000100	TUERCA	1	4.00	0.1391 #	0.56
436	41629000120	TUERCA	1	0.00	0.1391 #	0.00
437	41629000160	TUERCA	1	0.00	0.1391 #	0.00
438	41629000200	TUERCA	1	0.00	0.1391 #	0.00
439	41629000300	TUERCA	1	0.00	0.1391 #	0.00
440	41629102160		1	15.00	0.0000 +	0.00
441	41629103020	TORNILLO	1	0.00	0.1391 #	0.00
442	41629103050	TORNILLOS	1	0.00	0.1391 #	0.00
443	41629103080	TORNILLO	1	0.00	0.1391 #	0.00
444	41629103110	TORNILLO	1	0.00	0.1391 #	0.00
445	41629104070	TORNILLO	1	0.00	0.1391 #	0.00
446	41629104080	TORNILLO	1	0.00	0.1391 #	0.00
447	41629104110	TORNILLO	1	0.00	0.1391 #	0.00
448	41629104140	TORNILLO	1	0.00	0.1391 #	0.00
449	41629104150	TORNILLO	1	0.00	0.1391 #	0.00
450	41629104160	TORNILLO	1	0.00	0.0000 +	0.00
451	41629104170	TORNILLO	1	0.00	0.0000 +	0.00
452	41629105200	TORNILLO	1	0.00	0.1391 #	0.00
453	41629105250	TORNILLO	1	0.00	0.1391 #	0.00
454	41629105300	TORNILLO	1	0.00	0.1391 #	0.00
455	41629105350	TORNILLOS	1	0.00	0.1391 #	0.00
456	41629105400	TORNILLOS	1	0.00	0.1391 #	0.00
457	41629105450	TORNILLOS	1	0.00	0.1391 #	0.00
458	41629105500	TORNILLOS	1	0.00	0.1391 #	0.00
459	41629105510	TORNILLOS	1	0.00	0.1391 #	0.00
460	41629106200	TORNILLOS	1	0.00	0.1391 #	0.00
461	41629106250	TORNILLOS	1	0.00	0.1391 #	0.00
462	41629106300	TORNILLOS	1	0.00	0.1391 #	0.00
463	41629106360	TORNILLOS	1	0.00	0.1391 #	0.00
464	41629200080	ARABE LA	1	0.00	0.1391 #	0.00

ANEXO

[Handwritten signatures and initials]

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 9

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL

Contingentes al: 31/08/94

Presupuesto: 1531787/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
465	41629200120	ARANDELA	1	0.00	0.1391 #	0.00
466	41629210080	ARANDELA	1	0.00	0.1391 #	0.00
467	41630100330			1.00	59.2643	59.26
468	41630101290	BUJE	1	0.00	0.3753	0.00
469	41630101310	PERNO	1	0.00	2.2611	0.00
470	41630101410	BUJE	1	0.00	0.6812	0.00
471	41630101430	PERNO	1	31.00	2.2611	70.09
472	41630101620	ANILLO	1	0.00	1.8717	0.00
473	41630101630	BUJE	1	0.00	0.3004	0.00
474	41630101660	ANILLO	1	0.00	1.8717	0.00
475	41630101700	JUNTA	1	391.00	2.2062	862.62
476	41630101900	DIAFRAGMA	1	35.00	9.9021	346.57
477	41630101910		1	0.00	0.0000 +	0.00
478	41633001060		1	84.00	8.2080	689.47
479	41633100330		1	0.00	6.0339	0.00
480	41633100380	SOPORTE DE PASTILLA DE FRENO	1	0.00	166.6024	0.00
481	41633100460	BUJE	1	0.00	0.1391 #	0.00
482	41650701350	CUERNO MOVIL	1	0.00	35.9154	0.00
483	41650701910		1	12.00	0.0000 +	0.00
484	41650702910	CONTACTO PRINCIPAL	1	10.00	12.2126	122.13
485	41650703510	CONEXION	1	0.00	4.2153	0.00
486	41650800770		1	0.00	17.0447	0.00
487	41650801900	NIFLE ENGRASE	1	24.00	0.1391 #	3.34
488	41650802330		1	4.00	0.2249	0.90
489	41650802510		1	4.00	0.2249	0.90
490	41650802530		1	8.00	0.2249	1.80
491	41650900040	AISLADOR	1	0.00	1.6051	0.00
492	41652100830		1	0.00	481.3031	0.00
493	41652103000	CAPACITOR	1	0.00	8.4317	0.00
494	41652300050		1	0.00	21.5436	0.00
495	41652400010	RESISTOR	1	0.00	5689.4570	0.00
496	41652400030	CAPACITOR	1	0.00	61.0603	0.00
497	41652400050	CAPACITOR	1	0.00	0.0000 +	0.00
498	41652400090		1	4.00	0.0000 +	0.00
499	41660100190		1	3.00	0.0000 +	0.00
500	41660200030	JUNTA	1	0.00	38.4287	0.00
501	41660200350		1	0.00	0.0000 +	0.00
502	41660200700		1	0.00	0.0000 +	0.00
503	41660201150	TERMINAL	1	0.00	1.7934	0.00
504	41660342540		1	1.00	0.0000 +	0.00
505	41660342640		1	4.00	0.0000 +	0.00
506	41661500010	CONTROLADOR	1	0.00	61061.1182	0.00
507	41661500100	MOTOR PILOTO	1	1.00	178.6730	178.67
508	41661501530	BOQUILLA DE CONTACTO	1	0.00	24.0642	0.00
509	41661501600		1	2.00	2.5100	5.02
510	41661501830	CONTACTO P/RELEVADOR	1	10.00	1.4322	14.32
511	41661505000	CONECTOR	1	0.00	4.3515	0.00
512	41661510000		1	0.00	1.1228	0.00
513	41661900050		1	0.00	34.1205	0.00
514	41661900070	CONTACTO MOVIL	1	10.00	0.1489	1.49
515	41661900090	GENERADOR FIJO	1	10.00	0.2249	2.25
516	41661901110	CONTACTO	1	100.00	0.1391 #	13.91
517	41661901130		1	70.00	0.1391 #	9.74
518	41662000850	CHAVETA	1	4.00	5746.9284	22987.71
519	41662100150		0	1.00	556.7284	556.73
520	41662100710	RELE	1	2.00	43.0978	86.20
521	41662200010	TACOS	1	0.00	2395.7463	0.00
522	41662200050	CONEXION	1	2.00	11.3146	22.63

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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 10

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL

Cantidades al: 31/08/94

Precios al: 31/07/94

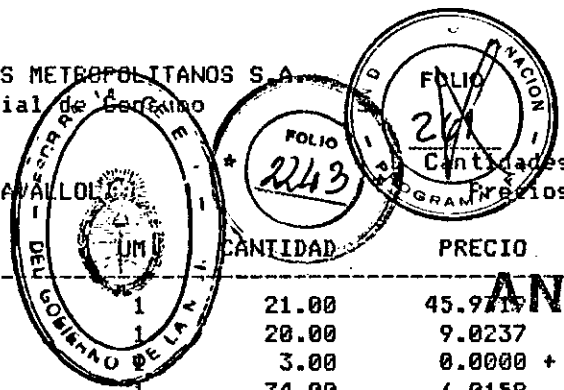
#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
523	41670901000	ELECTROLITO	1	0.00	7.0000	0.00
524	41670902000	CAJA DE BATERIA	1	0.00	7.5419	0.00
525	41671501000	PULSADOR	1	1.00	81.4393	81.44
526	41671504000	TABLERO	1	2.00	1018.1093	2036.22
527	41671505000	LLAVE	1	12.00	0.0000 +	0.00
528	41671505040	BARRA TENSORA	1	0.00	0.1391 #	0.00
529	41671505050	RESORTE	1	41.00	0.8665	35.53
530	41671601000		1	0.00	55.3876	0.00
531	41671601070	CONJUNTO	1	0.00	13.2696	0.00
532	41671800010		1	0.00	0.0000 +	0.00
533	41671800030		1	0.00	0.0000 +	0.00
534	41672000070	UNIDAD SELLADA	1	0.00	180.5040	0.00
535	41672200010	ARTEFACTO LUZ	1	5.00	46.3064	231.53
536	41672300010	ARTEFACTO ABRE PUERTA	1	12.00	7.6276	91.53
537	41672300050		1	0.00	3.4892	0.00
538	41672300300	TULIPAS	1	0.00	0.1391 #	0.00
539	41672600050	PLAFONES	1	0.00	31.2463	0.00
540	41672800030	TULIPAS	1	16.00	8.8573	141.72
541	41673400010		1	0.00	113.3606	0.00
542	41673400060		1	0.00	0.0000 +	0.00
543	41673400100		1	0.00	0.0000 +	0.00
544	41673400500	CAJA DE RELE	1	2.00	1880.6444	3761.29
545	41673400800	CABLE	3	0.00	990.6253	0.00
546	41673401000	CAJA FUSIBLE	1	0.00	0.0000 +	0.00
547	41673500010	LLAVE CONTROL PUERTA	1	1.00	94.8906	94.89
548	41673600010	LLAVE	1	9.00	72.8736	655.86
549	41674600030	TUBOS	1	0.00	2.5100	0.00
550	41674700530		1	0.00	1.1357	0.00
551	41674800100	CONTROL	1	0.00	3178.6689	0.00
552	41674800200	CONTACTOR	1	0.00	897.9544	0.00
553	41674800350	BOQUILLA	1	30.00	12.2126	366.38
554	41674800500	RELE	1	1.00	624.9726	624.97
555	41674800610	RELE	1	1.00	55.8754	55.88
556	41674801200	BASE P/RELE	1	2.00	0.4663	0.93
557	41674900010	VOLTIMETRO COMPLETO	1	1.00	149.7780	149.78
558	41675200010		1	0.00	0.1391 #	0.00
559	41680100640		1	6.00	0.0000 +	0.00
560	41680101350		1	22.00	17.7465	390.42
561	41680101360		1	0.00	12.5328	0.00
562	41680101380	ARD RASCA ACEITE	1	0.00	56.1472	0.00
563	41680101500	COJINETE	1	0.00	0.1813	0.00
564	41680101730	JUNTA	1	37.00	8.0210	296.78
565	41680101770	JUNTA	1	40.00	8.2216	328.86
566	41680101870	RESORTE	1	21.00	16.0420	336.88
567	41680101890	O RING	1	19.00	19.1426	363.71
568	41680101890	FILTRO	1	0.00	6.7126	0.00
569	41680101910	PLACA	1	19.00	45.9719	873.47
570	41680101930	PLACA	1	21.00	45.9719	965.41
571	41680101950	RESORTE	1	7.00	14.0368	98.26
572	41680102010	PLACA	1	21.00	27.2925	573.14
573	41680102110	ANILLO	1	0.00	8.0210	0.00
574	41680102210	JUNTA INFERIOR	1	50.00	5.9155	295.78
575	41680102230	JUNTA	1	0.00	2.4143	0.00
576	41680102250	JUNTA	1	0.00	1.1366	0.00
577	41680102310	RESORTE	1	20.00	12.0316	240.63
578	41680102320	PLACA	1	0.00	37.1978	0.00
579	41680102330	PLACA	1	18.00	6.4403	115.93
580	41680102350	PLACA	1	20.00	45.9719	919.44

ANEXO

AD

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLORCA



ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
581	41680102370	PLACA	1	45.9719	45.97
582	41680102390	RESORTE	1	9.0237	9.02
583	41680102410		3.00	0.0000 +	0.00
584	41680102510	ANILLO	1	6.0158	6.02
585	41680200450	JUNTA	1	9.3386	9.34
586	41680400090	JUNTA	1	4.2811	4.28
587	41680400130	VALVULA	1	4.2811	4.28
588	41680400210		1	0.00	0.00
589	41680400320	DIAFRAGMA	1	13.9176	13.92
590	41680400360	DIAFRAGMA	1	13.9176	13.92
591	41680400500	JUNTA	1	10.00	10.00
592	41680400520	DIAFRAGMA	1	0.00	0.00
593	41680400600	SELLADOR	1	2.3398	2.34
594	41680400620	VALVULA	1	5.00	5.00
595	41680400640	CUBIERTA	1	13.9176	13.92
596	41680401000	VALVULA	1	13.2484	13.25
597	41680401060		1	0.00	0.00
598	41680401100	DIAFRAGMA	1	2.3398	2.34
599	41680401160	ANILLO	1	61.00	61.00
600	41680401161		1	13.00	13.00
601	41680401180	VALVULA	1	0.00	0.00
602	41680401220	VALVULA	1	0.00	0.00
603	41680401320	VALVULA	1	14.00	14.00
604	41680401360	VALVULA	1	4.2811	4.28
605	41680401410	RESORTE	1	18.1609	18.16
606	41680500010	VALVULA	1	22.00	22.00
607	41680500070	VALVULA	1	11.6225	11.62
608	41680500090	JUNTA	1	8.00	8.00
609	41680500110	JUNTA	1	1.7343	1.73
610	41680500130	SELLADOR	1	1.00	1.00
611	41680500190	LEVA	1	2036.3553	2036.36
612	41680500250	JUNTA	1	143.00	143.00
613	41680500270	DIAFRAGMA	1	149.00	149.00
614	41680500340	DIAFRAGMA	1	40.00	40.00
615	41680500350	JUNTA	1	0.00	0.00
616	41680500370	JUNTA	1	0.1391 #	0.14
617	41680500500	ANILLO	1	0.00	0.00
618	41680500530	ANILLO	1	10.9615	10.96
619	41680500550	JUNTA	1	12.7128	12.71
620	41680500750		1	0.00	0.00
621	41680501740		0	10.1703	0.00
622	41680700030		1	1.00	1.00
623	41680700090	JUNTA	1	9.00	9.00
624	41680700150	VALVULA	1	1.0161	1.02
625	41680700170	JUNTA	1	8.00	8.00
626	41680701740	GUSANO	1	0.5015	0.50
627	41680705200	DIAFRAGMA	1	1.7386	1.74
628	41681000200	VALVULA	1	0.4273	0.43
629	41681400010	VALVULA	1	0.00	0.00
630	41681400020		1	13.9176	13.92
631	41681400030	SELLADOR	1	44.00	44.00
632	41681700010		1	1.00	1.00
633	41681700030	VALVULA	1	10.1703	10.17
634	41681700090		1	9.00	9.00
635	41681700130	JUNTA	1	1.0161	1.02
636	41681901120	VALVULA	1	8.00	8.00
637	41682001290	VALVULA	1	0.5015	0.50
638	41682001310	VALVULA	1	1.7386	1.74

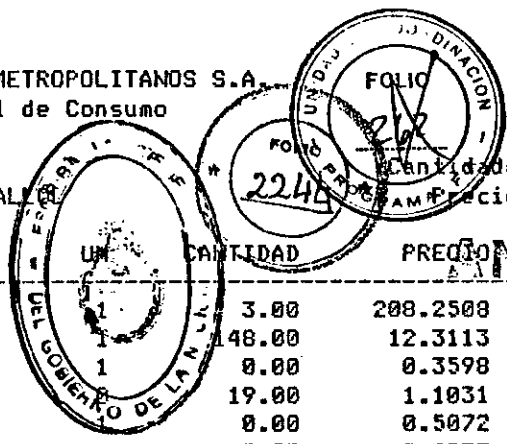
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Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVAL

Cantidades al: 31/08/94

Precios al: 31/07/94



#####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
639	41682005000	ELECTRO VALVULA	1	3.00	208.2500	624.75
640	41682005230	VALVULA	1	48.00	12.3113	1822.07
641	41682005250	ASIEN TO DE GOMA	1	0.00	0.3598	0.00
642	41682005270	JUNTA	1	19.00	1.1031	20.96
643	41682005290	JUNAT	1	0.00	0.5072	0.00
644	41682005350	JUNTA	1	0.00	0.4273	0.00
645	41682005370	JUNTA	1	1587.00	1.0161	1612.55
646	41682005390	JUNTA	1	0.00	1.0161	0.00
647	41682005430	JUNTA	1	3.00	0.3470	1.04
648	41682006000	VALVULA	1	0.00	208.2508	0.00
649	41682006120	JUNTA	1	0.00	0.9821	0.00
650	41682006140	BOBINA	1	2.00	49.3188	98.64
651	41682006220	VALVULA	1	3.00	12.3113	36.93
652	41682006500	VALVULA	1	1.00	0.1391 #	0.14
653	41682006520	DIAFRAGMA	1	18.00	10.1703	183.07
654	41682006620	VALVULA	1	0.00	0.4299	0.00
655	41682006640	JUNTA	1	0.00	0.6803	0.00
656	41683101030	JUNTA	1	0.00	2.8096	0.00
657	41683101070	JUNTA	1	20.00	3.4785	69.57
658	41683300090	JUNTA	1	0.00	0.3470	0.00
659	41683300130	DIAFRAGMA	1	24.00	3.4785	83.48
660	41683300150	FRESOSTATO	1	9.00	0.1391 #	1.25
661	41683300500	FILTRO	1	0.00	0.0000 +	0.00
662	41683700250	ELEMENTO	1	8.00	147.7075	1181.66
663	41683700500	FIELTRO	0	2.00	83.3127	166.63
664	41683700600	JUNTA	1	405.00	1.0161	411.52
665	41683700620	JUNTA	1	109.00	1.0161	110.75
666	41683700640	JUNTA	1	81.00	1.0161	82.30
667	41683701000	FILTRO	1	0.00	34.7969	0.00
668	41683900010		1	0.00	0.0000 +	0.00
669	41683900030	JUNTA	1	0.00	0.1725	0.00
670	41683900200	MANOMETRO	1	0.00	32.3877	0.00
671	41684000010	GRIFO	1	2.00	47.7669	95.53
672	41684000110	VALVULA	1	0.00	0.0000 +	0.00
673	41684000300	GRIFO	1	0.00	4.6677	0.00
674	41684000400	GRIFO	1	6.00	8.8984	53.39
675	41684001000	GRIFO	1	6.00	74.7065	448.24
676	41684001010	VALVULA	1	1.00	13.9176	13.92
677	41684001200	GRIFO	1	1.00	86.9211	86.92
678	41684001300	VALVULA	1	2.00	20.8104	41.62
679	41684001400	VALVULA	1	1.00	20.8104	20.81
680	41684001820	GRIFO	1	3.00	3.4785	10.44
681	41684003000	GRIFO	1	18.00	0.0000 +	0.00
682	41684100000		1	1.00	0.0000 +	0.00
683	41684200010	MANGUERA	1	2.00	80.8111	161.62
684	41684200100	MANGA	1	9.00	10.1703	91.53
685	41684200110	MANGA	1	5.00	27.8240	139.12
686	41684200210	MANGA	1	0.00	21.8802	0.00
687	41684200400		1	0.00	487.2484	0.00
688	41684200500	MANGA	1	0.00	13.9176	0.00
689	41684200510	MANGA	1	2.00	32.2747	64.55
690	41684200540	JUNTA	1	29.00	0.1391 #	4.03
691	41685000010	MOTOR	1	0.00	718.3607	0.00
692	41685000970	JUNTA	1	56.00	1.2885	72.16
693	41685002000	SOPORTE	1	0.00	74.7065	0.00
694	41685100010	BOCINA	1	0.00	0.0000 +	0.00
695	41685101000	BOCINA	1	4.00	12.7128	50.85
696	41685200010	VALVULA	1	2.00	34.7969	69.59

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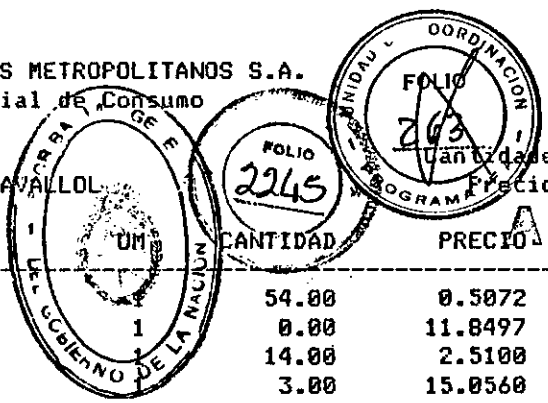
Emisión: 10/11/94

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL

Último día al: 31/08/94

Primer día al: 31/07/94



####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
697	41685200050	JUNTA		54.00	0.5072	27.39
698	41685300500	VARILLA	1	0.00	11.8497	0.00
699	41685300790	JUNTA		14.00	2.5100	35.14
700	41685301400	VALVULA		3.00	15.0560	45.17
701	41685301410	ACCESORIOS	1	0.00	0.6335	0.00
702	41685800170	JUNTA	1	62.00	0.6803	42.18
703	41685800210	JUNTA	1	77.00	6.8236	525.42
704	41685800250	VALVULA	1	2.00	49.1837	98.37
705	41685800700	GRAMPA	1	1.00	10.0082	10.01
706	41685900010	CONTROL MAESTRO	1	0.00	2129.3731	0.00
707	41685900100		1	0.00	0.0000 +	0.00
708	41685900250	MICROSWITH	1	0.00	6.0212	0.00
709	41685900450	DIAFRAGMA	1	0.00	10.1703	0.00
710	41685901000	INTERRUPTOR	1	0.00	2128.7042	0.00
711	41686101190	O RING	1	10.00	29.6359	296.36
712	41686200010	VALVULA	1	0.00	509.2551	0.00
713	41686200100	JUNTA	1	0.00	4.8842	0.00
714	41686200210	BELLOGRAN	1	0.00	19.6728	0.00
715	41686200230	JUNTA	1	0.00	10.1703	0.00
716	41686200250	BELLOFRAN	1	9.00	10.1703	91.53
717	41686200270		0	0.00	0.0000 +	0.00
718	41686300010	VALVULA	1	0.00	139.1913	0.00
719	41686300030	JUNTA	1	0.00	4.2811	0.00
720	41686300050	SELLADOR	1	33.00	0.8684	28.66
721	41686300070	ARO DE PISTON	1	9.00	6.8236	61.41
722	41686300120	JUNTA	1	0.00	0.3470	0.00
723	41686400030	VALVULA	1	56.00	2.8755	161.03
724	41686400050	JUNTA	1	185.00	1.0161	187.98
725	41686400070	JUNTA	1	290.00	0.5466	158.51
726	41686500080	VALVULA	1	115.00	0.0000 +	0.00
727	41687000030	O RING	1	89.00	0.0000 +	0.00
728	41687000060	O RING	1	1.00	0.0000 +	0.00
729	41687000070	O RING	1	0.00	0.5567	0.00
730	41687000100	O RING	1	33.00	29.6359	977.98
731	41687000110		1	0.00	0.0000 +	0.00
732	41687000130	O RING	1	649.00	0.3501	227.21
733	41687000140	O RING	1	4.00	0.1391 #	0.56
734	41687000500	O RING	1	27.00	0.2571	6.94
735	41687000520	O RING	1	265.00	0.1391 #	36.86
736	41687000530	O RING	1	793.00	0.8862	702.76
737	41687000550	O RING	1	173.00	0.1856	32.11
738	41687000570	O RING	1	70.00	0.1391 #	9.74
739	41687000640	O RING	1	1001.00	0.1391 #	139.24
740	41687000650	O RING	1	0.00	0.4189	0.00
741	41687000660	O RING	1	69.00	0.1391 #	9.60
742	41687000670		1	0.00	0.1240	0.00
743	41687000680	O RING	1	10.29	1.0944	11.26
744	41687001000		1	0.00	0.5274	0.00
745	41687001020	O RING	1	29.00	0.5311	15.40
746	41687001030	O RING	1	34.00	0.3028	10.30
747	41687001060	O RING	1	0.00	0.3467	0.00
748	41687001070	O RING	1	0.00	0.1391 #	0.00
749	41687001080	O RING	1	63.00	0.1391 #	8.76
750	41687001090	O RING	1	17.00	0.1391 #	2.36
751	41687001100	O RING	1	25.00	0.1391 #	3.48
752	41687001110	O RING	1	0.00	0.3034	0.00
753	41687001120		1	0.00	0.3273	0.00
754	41687001130	O RING	1	90.00	0.8191	73.72

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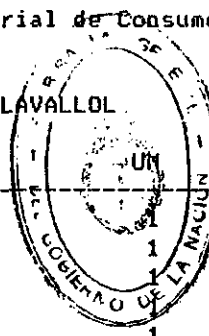
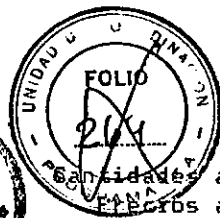
FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 14

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL



al: 31/08/94
al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
755	41687001140	O RING	1003.00	0.3772	378.33
756	41687001150	O RING	1	0.1391 #	3.62
757	41687001190	O RING	1	1.3196	1277.37
758	41687001300	O RING	1	0.1391 #	1.81
759	41687001330		1	0.0000 +	0.00
760	41687001340	O RING	1	0.1391 #	2.23
761	41687001850	O RING	1	0.00	29.0220
762	41687001900	O RING	1	23.00	28.5135
763	41687901350		1	0.00	0.0000 +
764	41688100100	NIPLE	1	36.00	0.0000 +
765	41688100200	NIPLE	1	34.00	0.0000 +
766	41688100400	NIPLE	1	53.00	0.0000 +
767	41688201000	JUNTA	1	2.00	8.3416
768	41690100100		1	0.00	78.2940
769	41690100150	TORNILLO	1	100.00	1.3385
770	41690100200	BUJES FANTOGRAFO	1	159.00	4.3803
771	41690100210	RESORTE	1	0.00	64.9105
772	41690100230	TAPON	1	0.00	5.3520
773	41690100250	PERNO	1	0.00	1.8058
774	41690100300		0	3.00	299.5589
775	41690100560	ABRAZADERA	1	0.00	0.5606
776	41690101300	ENSAMBLE CDABLE	1	38.00	26.7667
777	41690101450	MANGA DE AIRE	1	19.00	28.5731
778	41690400030	PIEZA MAGNETIZANTE	1	0.00	35.9154
779	41690500500	CANO PVC	1	0.00	0.7011
780	41690600010		0	1.00	736.3219
781	41690701200		0	4.00	3322.4371
782	41690800010	DISPOSITIVO	1	0.00	42.1645
783	41690800030	TUBO AISLANTE	1	147.00	0.1391 #
784	41690800050	ANILLO	1	23.00	79.3772
785	41690800100	ESCOBILLA	1	0.00	51.6896
786	41690800200	RESORTE	1	0.00	21.9824
787	41690800300		0	25.00	2.2611
788	65030500050	CONECTOR	1	0.00	75.4389
789	65030700020	SECCIONADOR T/AISLADOR (CONJ.)	1	0.00	834.0244
790	65060500060	SENSOR	1	0.00	368.1491
791	65060700010	FIJADOR	1	5.00	10.5596
792	65060700140	LAMPARA	1	0.00	0.1391 #
793	76100000400	CABLE	3	0.00	0.1391 #
794	76640100500	PORTALAMPARA	1	0.00	0.1391 #
795	76640100510	PROLONGADOR	1	0.00	0.1391 #
796	76640100560	CAJA DE HERRAMIENTAS	1	0.00	0.1391 #
797	76675120010	TERMINAL	1	100.00	0.1391 #
798	76675140010	TERMINAL	1	100.00	0.1391 #
799	76675150010	TERMINAL	1	200.00	0.1391 #
800	79800013000	MEGHOMETRO	1	0.00	0.1391 #
801	80010520100	CHAPA LISA FINA DE 0,50 mm	4	0.00	2.5506
802	80010520690	CHAPA	4	0.00	0.0000 +
803	80010520730	CHAPA DE HIERRO DE 2,52 mm.	4	0.00	1.0400
804	80010720030	CHAPA LISA LAMINA.ESPE.3,20mm.	4	0.00	0.6343
805	80010720080	CHAPA LISA GRUESA ESP.9,5 mm.	4	0.00	1.5085
806	80011320310	CHAPA RALLADA DE 1/8	4	0.00	1.9633
807	80012020070	HIERRO 7,9 MM	4	0.00	2.8811
808	80013720240	PLANCHUELA ESP.3,17xANC.19,1mm	4	0.00	1.0008
809	80013721540	ACERO PLANCHUELA ANCHO 31,7mm.	4	0.00	1.5133
810	80013721560	ACERO EN PALNCHUELA DE 6,3X38M	4	0.00	2.0512
811	80014421200	FLEJE	4	0.00	0.1391 #
812	80015120500	HIERRO PERF."T" 50 X 50 X 6MM	4	0.00	1.0294

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Emisión: 10/11/94

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLE

Cantidades al: 31/08/94

Precios al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
813	80015420100	PERFIL ANGU.ALASIGUALES19,1X	4	0.00	1.2031	0.00
814	80015020300	PERFIL "U"	4	0.00	0.5746	0.00
815	80200110010	CHATARRA DE HIERRO	4	0.00	0.1499	0.00
816	80200110100	CHATARRA (BARRILONES)	4	0.00	0.1499	0.00
817	80200110150	CUPONES DE RIELES CHATARRA	4	0.00	0.1504	0.00
818	80200110500		4	0.00	0.0000 +	0.00
819	80200110900	CHATARRA FERREAS PEJ/DIM FUND.	4	0.00	0.1499	0.00
820	80200120010	CHATARRA FERROSA GRUPO II	4	0.00	0.1426	0.00
821	80200120100	CHATARRA PASADA SIN DIMENSIONA	4	0.00	0.0000 +	0.00
822	80200120150		4	0.00	0.0000 +	0.00
823	80200120200		4	0.00	0.0000 +	0.00
824	80200120250	CHATARRA EX-RIELES	4	0.00	0.1400	0.00
825	80200120300	CHATARRA PESADA EX-BARRILONES	4	0.00	0.1426	0.00
826	80200130010	CHATARRA SEMIPESADA DIMEN.	4	0.00	0.1200	0.00
827	80200140010	CHATARRA SEMIPESADA S/DIMENS.	4	0.00	0.1276	0.00
828	80200140040		4	0.00	0.0000 +	0.00
829	80200140100	CHATARRA DE ELASTICOS	4	0.00	0.0000 +	0.00
830	80200150010	CHATARRA (MATERIAL CHICO)	4	0.00	0.1128	0.00
831	80200160010	CHATARRA LIVIANA	4	0.00	0.1000	0.00
832	80200170010	CHATARRA LIVIANA	4	0.00	0.0742	0.00
833	80200180010	VIRUTA DE MAQUINADO	4	0.00	0.0935	0.00
834	80201010010	REZAGO FUNDICION GRIS	4	0.00	0.0935	0.00
835	80201011500	CHATARRA DE FUNDICION GRIS	4	0.00	0.0000 +	0.00
836	80201020010	CHATARRA FUND..GRIS S/DIMENS.	4	0.00	0.0000 +	0.00
837	80201040010	CHATARRA LIVIANA	4	0.00	0.0900	0.00
838	80203010050		4	0.00	0.0000 +	0.00
839	80210110010	COBRE Y HIERRO	4	0.00	2.5721	0.00
840	80210110050		4	0.00	0.0000 +	0.00
841	80210110100		4	0.00	0.0000 +	0.00
842	80210110150		4	0.00	2.5721	0.00
843	80210110180		4	0.00	0.0000 +	0.00
844	80210110190		4	0.00	0.0000 +	0.00
845	80210110200	CHATARRA NO FERREA DE COBRE	4	0.00	2.5721	0.00
846	80210110210	CHATARRA NO FERREA DE COBRE	4	0.00	2.5721	0.00
847	80210110250		4	0.00	0.0000 +	0.00
848	80210110900		4	0.00	0.0000 +	0.00
849	80210120100		4	0.00	0.0000 +	0.00
850	80211010040		4	0.00	0.0000 +	0.00
851	80211010050		4	0.00	0.0000 +	0.00
852	80211010060	CHATARRA DE BRONCE	4	0.00	0.8853	0.00
853	80211010100	BRONCE C/COBRE	4	0.00	0.8853	0.00
854	80211010150		4	0.00	0.0000 +	0.00
855	80211010170		4	0.00	0.0000 +	0.00
856	80211010200		4	0.00	0.0000 +	0.00
857	80211010250		4	0.00	0.0000 +	0.00
858	80211010300		4	0.00	0.0000 +	0.00
859	80211010400		4	0.00	0.0000 +	0.00
860	80211011000	COJINETES USADOS DE C.Y VAGON	4	0.00	0.0000 +	0.00
861	80211011100	COJINETES USADOS MOT. TRACCION	4	0.00	0.8853	0.00
862	80211011200		4	0.00	0.0000 +	0.00
863	80211011300	BRONCE RECUPERADO DE COJ.MOTOS	4	0.00	0.8853	0.00
864	80211020010	CHATARRA NO FERREA DE BRONCE	4	0.00	0.8853	0.00
865	80211020300	VIRUTA DE BRONCE SUCIA	4	0.00	0.0000 +	0.00
866	80211020400	VIRUTA DE BRONCE	4	0.00	0.8853	0.00
867	80211510010		4	0.00	0.0000 +	0.00
868	80212020010		4	0.00	0.0000 +	0.00
869	80212520020		4	0.00	0.0000 +	0.00
870	80212520030		4	0.00	0.0000 +	0.00

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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo



Emisión: 10/11/94

Linea : 21 ROCA
Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL

Fecha al: 31/08/94
Precios al: 17/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
871	80212520100		4	0.00	0.9179	0.00
872	80212520200		4	0.00	0.0000 +	0.00
873	80212520300	CHATARRA ALUMINIO	4	0.00	0.9179	0.00
874	80213020010		4	0.00	0.0000 +	0.00
875	80213510010		4	0.00	0.0000 +	0.00
876	80213511000		4	0.00	0.0000 +	0.00
877	80213511500		4	0.00	7.9498	0.00
878	80213520010		4	0.00	0.0000 +	0.00
879	80213520020		4	0.00	0.0000 +	0.00
880	80221000000		4	0.00	0.0000 +	0.00
881	80221200000	EX BATERIAS	4	0.00	0.0654	0.00
882	80221300000	CHATARRA DE BATERIAS	4	0.00	0.1391 #	0.00
883	80221500000		4	0.00	0.0000 +	0.00
884	80222000000		4	0.00	0.0000 +	0.00
885	80222500000		4	0.00	0.0000 +	0.00
886	80222800000	CHAPA TIPO REZADO	4	0.00	0.1391 #	0.00
887	80223000000		4	0.00	0.0000 +	0.00
888	80223500000		4	0.00	0.1391 #	0.00
889	80224000000		4	0.00	0.1391 #	0.00
890	80224500000		4	0.00	0.0000 +	0.00
891	80225000000		4	0.00	0.1391 #	0.00
892	80225500000	LONA VIEJA	4	0.00	0.1391 #	0.00
893	80226000000	GRASA YPF 22	4	0.00	7.5926	0.00
894	80226500000		4	0.00	0.0000 +	0.00
895	80227000000	RESAGO DE MADERA	4	0.00	0.1391 #	0.00
896	80227500000		4	0.00	0.0000 +	0.00
897	80228000000		4	0.00	0.0000 +	0.00
898	80228500000		4	0.00	0.0000 +	0.00
899	80229000000	REZAGOS DE VIDRIO	4	0.00	0.1387	0.00
900	80229500000	REZAGO CABLE SENALAMIENTO	4	0.00	30.8933	0.00
901	80229600000		4	0.00	0.0000 +	0.00
902	80229700000		0	0.00	0.1391 #	0.00
903	80681110640	TUERCA HEXAG. 6,4MM. 1/4" 20H.	4	0.00	12.3409	0.00
904	80681110950	TUERCA HEXAG.9,5MM. 3/8" 16H.	4	0.49	3.2848	1.61
905	80681111270	TUERCA HEXAG. 12,7MM. 1/2" 12H	0	17.00	3.7172	63.19
906	80681111580	TUERCA HEXAG. 15,8MM. 5/8" 11H	4	0.00	3.2436	0.00
907	80681111910	TUERCA HEXAG. 19,1MM. 3/4" 10H	4	17.00	3.3258	56.54
908	80681112860	TUERCA HEXAG. 28,6MM. 1.1/8"	4	19.00	3.2384	61.53
909	80681320480	TUERCA DIA.4,8 24 HILOS	4	8.00	110.7432	885.95
910	80710111070	ALAMBRE HIE.RDD.ZINC.4,47 MM.	4	0.00	5.2566	0.00
911	80710111080	ALAMBRE CINCO 4,06 MM DIAM	4	0.00	4.9289	0.00
912	80710111100	ALAMBRE ACERO RED CINC.3,25MM	4	0.00	3.9520	0.00
913	80710111140	ALAM.ACERO RED.ZINC.2,03 mm.	4	0.00	5.0131	0.00
914	80710111170	ALAMBRE DE ACERO	4	0.00	5.2604	0.00
915	80710111180	ALAMBRE H.GDO.N 18	4	0.00	4.7123	0.00
916	80710221080	ALAMBRE NEGRO DE 4,06 MM	4	0.00	3.0584	0.00
917	80710221100	ALAMBRE NEGRO	4	0.00	1.4650	0.00
918	80710221110		4	0.00	0.0000 +	0.00
919	80710221140	ALAMBRE DULCE 2,03 mm.	4	11.00	4.9767	54.74
920	80712611120	ALAMBRE DE FUA	4	0.00	11.0289	0.00
921	80792012220		3	0.00	3.9747	0.00
922	80793512280	CABLE DE ACERO	3	0.00	15.8067	0.00
923	80890210080	1	3	0.00	7.9365	0.00
924	80890210100	1	3	0.00	1.5444	0.00
925	80890210150	CANO DE 1/2'	3	0.00	1.5039	0.00
926	80890210200	CANO DE ACERO DE 3/4'	3	51.20	1.9358	99.11
927	80890210250	CANO DE ACERO DE 1'	3	51.20	5.5745	285.41
928	80890210650	CANO DE ACERO DE 2 1/2'	3	0.00	7.1259	0.00

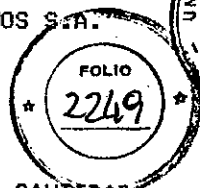
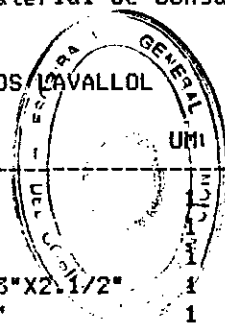
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Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL

Próximidad al: 31/08/94

Próximidad al: 31/07/94



ANEXO

#####	NUM	DESCRIPCION	UMI	CANTIDAD	PRECIO	IMPORTE
929	80890840150	NIPLE GDO. 1/2"	1	1.00	0.3553	0.36
930	80891240200	BUJES	1	0.00	1.5039	0.00
931	80891240490	BUJE 2" X 1"	1	0.00	4.1715	0.00
932	80891240800	BUJE RED. R.INT/EXT.3"X2.1/2"	1	3.00	7.3829	22.15
933	80891330150	CODO A 90 GDO.DE 1/2"	1	0.00	1.5039	0.00
934	80891330200	CODO A 90GDO. DE 3/4"	1	1.00	2.0052	2.01
935	80891330650	CODO A 90 GDO. DE 2.1/2"	1	4.00	8.2380	32.95
936	80892430400	CUPLA DE 1.1/2"ROSCA INTERNA	1	8.00	2.0902	16.72
937	80893350100	ENTREROSCA DE 3/8"	1	19.00	3.9803	75.63
938	80893350150	ENTRE ROSCA NORMAL DE 1/2'	1	0.00	1.5039	0.00
939	80893350320	ENTREROSCA NORMAL DE 1.1/4'	1	1.00	2.2258	2.23
940	80893850150	TAPONES SIN BORDES	1	7.00	0.4837	3.39
941	80893850250	TAPONES SIN BORDE	1	6.00	0.8544	5.13
942	80893850320	TAPONES S/BORDES C/TAPAS CUADR	1	1.00	1.8224	1.82
943	80893850400	TAPONES SIN BORDE DE 1 1/2'	1	0.00	2.4300	0.00
944	80894230080	TE.NORMAL INTERNA DE 1/4'	1	0.00	1.3152	0.00
945	80894230100	1	1	40.00	3.0079	120.32
946	80894230150	TE. NORMAL DE 1/2'	1	0.00	1.2733	0.00
947	80894230200	TE. NORMAL DE 3/4'	1	0.00	4.1188	0.00
948	80894230250	TE. NORMAL DE 3'	1	0.00	5.3948	0.00
949	80894230800	TE. NORPMAL ROSCA INTERNA	1	2.00	26.0683	52.14
950	80894430150	TE	1	1.00	0.1391 #	0.14
951	80894430200	TEE REDUCCION 3/4X3/8X3/4"	1	5.00	1.2481	6.24
952	80894430260	TE. REDUCCION 1X1/2'	1	0.00	3.0753	0.00
953	80894430270	TE. REDUCCION DE 1X3/4X1'	1	0.00	6.0158	0.00
954	80894430320	TEE REDUC.DE 1 1/4"A 1/2"	1	3.00	6.0158	18.05
955	80894430400	T REDUCCION DERIVACION	1	0.00	12.3572	0.00
956	80896030100	UNION DOBLE ROSCA INTERN.3/8"	1	0.00	3.0890	0.00
957	80896030200	UNION DOBLE DE 19,5MM	0	28.00	11.2393	314.70
958	80896030400	UNION DOBLE DE 1 1/2'	1	4.00	14.2563	57.03
959	80896130100	UNION DEBLE DE 3/8 PULGADA	1	20.00	3.0890	61.78
960	80896130200	UNION DOBLE DE 3/4	1	27.00	3.5092	94.75
961	80896130320	UNION DOBLE A.CONICO DE 1'1/4'	1	19.00	6.9508	132.07
962	80910230190	CANO ACERO DIA.EXT.19mm- 3/4pu	3	0.00	0.5867	0.00
963	80910230310	CANO ACERO DIA.EXT.31,7mm	3	0.00	1.0294	0.00
964	80910230510	CANO ACERO DIA.EXT.50,8 mm.	3	0.00	1.5039	0.00
965	80912030190		1	27.00	0.8140	21.98
966	80912030250	CODO P/CANOS	1	20.00	1.9118	38.24
967	80912510170		1	38.00	3.8676	146.97
968	80915230250	ABRAZADERA D.EXT.25,4MM=1"	1	0.00	0.2571	0.00
969	80916331140	CAJA LISA RECTANGU.100X55X43MM	1	2.00	1.7479	3.50
970	80917610700	CAJA PARA EMBUTIR	1	4.00	5.6487	22.59
971	81205450500	SIFON	1	2.00	43.0264	86.05
972	81250310250	CANILLA BRONCE 1"	1	0.00	13.0345	0.00
973	81251210150	GRIFO	1	0.00	6.0158	0.00
974	81251210250	LLAVE PASO BRONCE 1"	1	0.00	17.1663	0.00
975	81254010130	ARANDELA	1	0.00	0.3004	2.40
976	81254010190	OBTURAD.C/ARAND.P/CANILL.3/4"	1	0.00	0.7770	0.00
977	81254010250	OBTURADOR P/CANILLA DIAM.1"	1	30.00	0.1391 #	4.17
978	81271110190	VALVULA ESCLUSA BRONCE 3/4"	1	0.00	41.7476	0.00
979	81402410400	CAL	4	0.00	0.2528	0.00
980	81600411700	CEDRO	6	0.00	23.9757	0.00
981	81621811800	MADERA DE VIRARO DE 2"x12"	6	0.00	66.1735	0.00
982	81632213190	PANELCO	6	0.00	6.1017	0.00
983	81970540300	BOLSAS EN TELA 300 x 200 mm.	1	0.00	20.0526	0.00
984	82294570300	PAPEL DE LIJA DE SILICE Nro.30	1	0.00	0.2468	0.00
985	82294570360	PAPEL DE LIJA GRAND Nro.36	1	0.00	0.2359	0.00
986	82294570460	PAPEL DE LIJA EN HOJA	1	0.00	0.2305	0.00

Handwritten signatures and initials.

Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 18

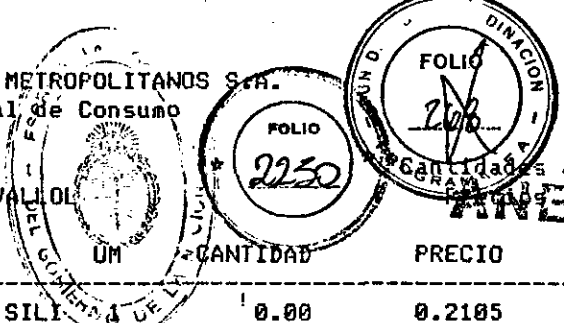
Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLO

Cantidad al: 31/08/94
31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
987	82294570600	PAPEL DE LIJA EN HOJAS DE SILI		0.00	0.2105	0.00
988	82294710460	TELA ESMERIL GRANO 50-210x270	1	0.00	0.5514	0.00
989	82294710540	TELA ESMERIL DE 210 x 270MM.	1	0.00	0.3322	0.00
990	82294710600	TELA ESMERIL GRANO 60 EN HOJA	1	0.00	1.8648	0.00
991	82294710700	TELA ESMERIL GRANO 70 EN HOJA	1	0.00	1.9151	0.00
992	82295440030	PAPEL LIJA G.120-230 x 280MM.	1	0.00	0.3826	0.00
993	82300132800	PIEDRA	1	0.00	49.0108	0.00
994	82300134340	PIEDRA	1	0.00	10.0537	0.00
995	82312710800	DETERGENTE EN POLVO	4	0.00	6.3235	0.00
996	82312720500	DETERGENTE PARKER	4	0.00	8.6100	0.00
997	82312740600	DETERGENTE	4	0.00	2.7350	0.00
998	82312750300	DETERGENTE LIQUIDO	5	0.00	0.5915	0.00
999	82330532000	ADHESIVO SINTETICO	4	47.74	6.3226	301.04
1000	82331130170	FOXIPOL	1	0.00	45.3103	0.00
1001	82332830230	FASTIX	1	0.00	12.1592	0.00
1002	82336530100	MASILLA FOXILINA COLOR GRIS	4	0.00	2.5140	0.00
1003	82450140100	BALDE DE GOMA NEGRO CAPAC.10Ls	1	0.00	4.9323	0.00
1004	82452010010		1	0.00	0.0000 +	0.00
1005	82452010050	ESCOBAS DE PAJA DE GUINEA	1	24.00	5.7150	137.16
1006	82452210100	ESCOBILA DE GUINEA CABO 240 MM	1	0.00	0.6072	0.00
1007	82452410200	PLUMEROS 500MM.DE LARGO	1	0.00	14.7354	0.00
1008	82452620100	SECADORES DE GOMA 500x65x13mm.	1	0.00	0.8664	0.00
1009	82452620200	SECADOR	1	1.00	5.9956	6.00
1010	82452720100	SOPAPA	1	0.00	0.7058	0.00
1011	82453310050	FRANELA AMARILLA DE 2500rs.	1	0.00	1.1897	0.00
1012	82455010050	DETERGENTE LIQUIDO	1	0.00	0.5915	0.00
1013	82455030050	ESCOBILLON	1	0.00	6.3628	0.00
1014	82455680100	JAVON DE POTASA EN PASTA	4	0.00	2.0052	0.00
1015	82456460050	LIMPIADORES P/VIDRIOS LIQUIDO	5	0.00	2.9558	0.00
1016	82456560100	LIMPIADOR P/METALES ENV.500CM3	1	0.00	1.1887	0.00
1017	82457010050	LAVANDINA	5	0.00	0.2468	0.00
1018	82457910050	PAPEL HIGIENICO-ROLLOS 74MTS.	1	0.00	0.2506	0.00
1019	82475010010	TRAFOS BLANCOS DE 40 x 40 cms.	4	115.50	4.0056	462.65
1020	82477410100	TRAPO ALGODON DE 500mm.ANCHO	4	0.00	3.1611	0.00
1021	82500210050	CEPILLO DE ALAMBRE	1	0.00	9.5446	0.00
1022	82505030050	ESCOBILLONES	1	0.00	10.0712	0.00
1023	82505030100	ESCOBILLON TIPO FERROC.1000MM.	1	9.00	15.2684	137.42
1024	82505060200	ESCOBILLON	1	0.00	1.4253	0.00
1025	82505120030	CEPILLO RECTANG.FIBRA VEGETAL	1	2.00	2.6589	5.32
1026	82600310200	ACID.CLORHIDRICO(MURIAT)US.IND	4	40.00	1.9769	79.08
1027	82601931000	HIDROXIDO EN POLVO LITIO CRIS.	4	7.34	14.0368	103.03
1028	82601950550	HIDROX.POTASIO 96A98% PUREZA	4	20.00	0.5721	11.44
1029	82601950700	HIDROXIDO DE SODIO USO INDUST.	4	0.00	2.2429	0.00
1030	82603130101	SULFATO DE ALUMINIO	4	0.00	1.4206	0.00
1031	82603181000	BORAX	4	1.60	1.3535	2.17
1032	82740211010	MATAFFUEGO MANUAL DE 3,5 Kg	1	0.00	86.4116	0.00
1033	82740510110	CILINDRO DE MATAFUEGO	1	0.00	1.2167	0.00
1034	82741610130	MATAFUEGO MANUALES DE 2,5 Kg	1	0.00	137.0380	0.00
1035	82741610150	MATAFUEGOS	1	0.00	331.8722	0.00
1036	82761140230	BOTAS DE GOMA	1	0.00	17.7465	0.00
1037	82761140440	BOTA DE GOMA HAS.ROD.N 44	1	0.00	19.0499	0.00
1038	82761140450	BOTAS DE GOMA 1/2 CANA NRO.42	1	0.00	18.0473	0.00
1039	82761140460	BOTA DE GOMA HAS.RODIL.N 43	1	0.00	19.0499	0.00
1040	82761140480	BOTAS DE SEGURIDAD DE GOM.N 45	1	0.00	20.0526	0.00
1041	82761151180	BOTAS	1	0.00	46.1235	0.00
1042	82761151210	BOTAS Nro.40	1	0.00	51.2484	0.00
1043	82761340110	BOTINES DE SEGURIDAD N 38	1	0.00	21.1411	0.00
1044	82761340120	BOTINES DE SEGURIDAD N 39	1	0.00	21.1411	0.00

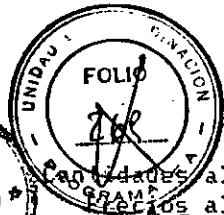
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FERROCARRILES METROPOLITANOS S.A.

Emisión: 10/11/94

Material de Consumo



Página: 19

Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLO

Capacidad al: 31/08/94

Reservas al: 31/07/94

ANEXO

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
1045	82761340130	BOTINES DE SEGURIDAD N 40	1	0.00	21.1411	0.00
1046	82761340140	BOTINES DE SEGURIDAD N 41	1	0.00	21.1411	0.00
1047	82761340150	BOTIN DE SEG.N 42	1	0.00	21.1411	0.00
1048	82761340160	BOTIN DE SEG. N 43	1	0.00	21.1411	0.00
1049	82761340180	BOTIN DE SEG.N 45	1	0.00	21.1411	0.00
1050	82761740040	CASCO BLANCO	1	0.00	23.6228	0.00
1051	82761740060	CASCO DE SEGURIDAD	1	0.00	11.8310	0.00
1052	82761920200	CINTURONES SEGURIDAD	1	0.00	87.5313	0.00
1053	82762121000	DELANTAL CAUCHO SINTETICO	1	1.00	76.8713	76.87
1054	82762130500	DELANTAL DE LONA USO GENERAL	1	5.00	5.0131	25.07
1055	82762520050	GUANTES DE AMIANTO	1	0.00	25.0579	0.00
1056	82762524500	GUANTE GOMA USO INDUST.	1	0.00	3.8545	0.00
1057	82762531000	GUANTES CUERO COMB.PUNO CORTO	1	33.00	2.5300	83.49
1058	82762531010	1	1	3.00	2.9377	8.81
1059	82762531500	1	1	0.00	4.4616	0.00
1060	82762531540	GUANTES DE PVC	1	0.00	4.4616	0.00
1061	82762720150	S/D	1	2.00	5.0131	10.03
1062	82763120220	RESPIRAPOLVO	1	0.00	241.7166	0.00
1063	82767810070	CRISTAL SEGURIDAD	1	4.00	0.1592	0.64
1064	82767810150	VIDRIOS P/ANTIPARRAS	1	3.00	3.3649	10.09
1065	82768230450	FILTRO	1	2.00	0.1391	0.28
1066	82768630600	FILTRO	1	0.00	12.0316	0.00
1067	82820130530	CORREA 1391 MM	1	1.00	6.4849	6.48
1068	82900120250	MANGA DE CAUCHO P/CONDUCT.AGUAS	4	0.00	7.9153	0.00
1069	82900121250	MANGA DE CAUCHO-DIAM.INT.25mm.	0	23.00	7.3931	170.04
1070	83401726130	MANGUERA DE MEDIA	3	0.00	6.4287	0.00
1071	83405030040	PINTURA EN PASTA ABAYALDE	4	0.00	3.1312	0.00
1072	83420116580	LATEX BLANCO	5	0.00	8.2965	0.00
1073	83430310750	ESMALTE SINTETICO COLOR NARANJ	5	0.00	5.8216	0.00
1074	83430314250	ESMALTE SINT. GRIS OSCURO	5	0.00	5.6222	0.00
1075	83430315500	ESMALTE SINT. BLANCO T. PURO	5	0.00	6.4358	0.00
1076	83452080040	AISLANTE SECADO AL HORNO CLARO	5	0.00	52.0692	0.00
1077	83454620010	BARNIZ TIPO FLATTING P/INTERI.	5	0.00	3.7402	0.00
1078	83492510750	REMOVEDOR	5	0.00	6.1955	0.00
1079	83500110140	PINCEL RED.DIAM.INF.INT.50mm.	1	0.00	27.3306	0.00
1080	83500910010	PINCEL CHATO DE 12mm.	1	0.00	1.3722	0.00
1081	83500910030	PINCEL CHATO DE 19mm.	1	0.00	1.3034	0.00
1082	83500910050	PINCEL CHATO DE 38mm.	1	0.00	2.3060	0.00
1083	83540864100	CERA PARA PISOS	5	0.00	6.0907	0.00
1084	83900510200	NAFTA COMUN EN VALES	5	0.00	0.4984	0.00
1085	83900520550	SOLVENTE STODDARD	5	80.00	0.5146	41.17
1086	83901010450	LAENA COMUN A GRANEL	4	0.00	150.0000	0.00
1087	83953020060	OXIGENO X 6	8	0.00	3.0000	0.00
1088	83970310050	ACEITE Nro. 32	5	160.00	1.1544	184.70
1089	83970310160	ACEITE HIDRAULICO 46	5	133.00	2.2474	298.90
1090	83971011000	1	5	0.00	1.0330	0.00
1091	83971511050	ACEITE NRO. 510	5	435.00	2.0460	890.01
1092	83973611000	ACEITE SUPERMOVIL 412 SAE 40	5	166.00	1.6460	273.24
1093	83973611100	ACEITE NRO.412	5	0.00	1.6573	0.00
1094	83973661100	ACEITE 412 SAE 40	0	55.00	1.3133	72.23
1095	83973810750	ACEITE SUPER MOVIL 425	5	0.00	1.4197	0.00
1096	83973810850		5	0.00	2.1010	0.00
1097	83973811000	ACEITE HD30 429	5	0.00	1.4100	0.00
1098	83973811150	1	5	0.00	1.6313	0.00
1099	83974610100		5	0.00	1.7790	0.00
1100	83975311050	GRASA CALCICA Nro.8 AMARILLA	4	0.00	0.9110	0.00
1101	83976311060	GRASA LITIO	4	72.00	1.4600	105.12
1102	83976311140		4	7392.60	1.9837	14664.70

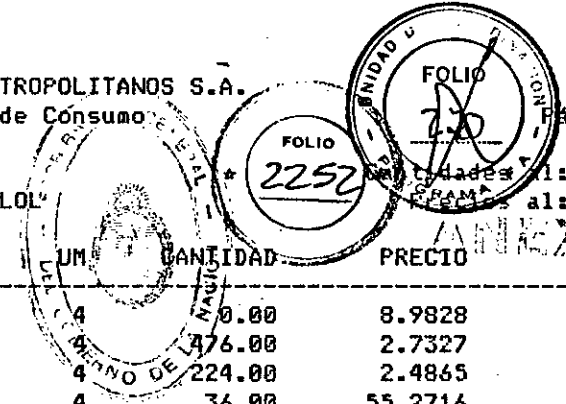
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Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLO

Fecha: 31/08/94

al: 31/07/94



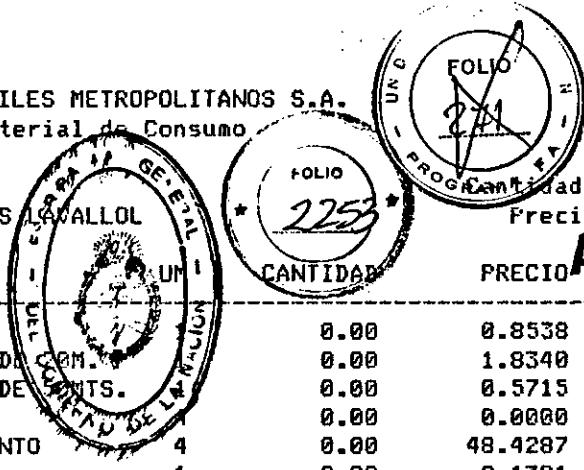
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1103	83976311200		4	0.00	8.9828	0.00
1104	83976711050	GRASA YPF NR 102	4	476.00	2.7327	1300.77
1105	83977212010	GRASA	4	224.00	2.4865	556.98
1106	83977215500	GRASA TERMUS KG-2	4	36.00	55.2716	1989.78
1107	83977311200	GRASA	4	0.00	3.8723	0.00
1108	84172210100	PETARDOS ADVERT.F/VIAS 35C	1	0.00	5.0457	0.00
1109	84400510200	ACEITERA	1	0.00	26.1986	0.00
1110	84420120010	PRECINTOS SEGURIDAD HOJ.330MM	1	0.00	0.1747	0.00
1111	85003040050	ESTEARINA EN PANES P/SOLDAR	4	0.50	1.2766	0.64
1112	85020110100	ELECTRODOS F/MAT.ACERO CARBONO	4	0.00	2.7904	0.00
1113	85020110150	ELECTRODOS TIP.E4310 DIAMT 3MM	4	0.00	3.2064	0.00
1114	85020110600	ELECTRODOS	4	3.50	0.0000 +	0.00
1115	85020111060		4	0.00	0.0000 +	0.00
1116	85020120030	ELECTRODOS 3MM X 1/8"	4	0.00	2.3104	0.00
1117	85020120040	ELECTRODOS 4 MM X 5/32"	4	2.00	10.8104	21.62
1118	85020120110	ELECTRODOS TIPO 4313 2.5 MM	4	0.00	4.4278	0.00
1119	85020120120	ELECTRODO TIP.E6013 2MM DIAMT	4	0.00	2.7171	0.00
1120	85020120130	ELECTRODOS SERIE 60 3X1/8"	4	0.00	2.7270	0.00
1121	85023040030	ELECTRODOS	4	0.00	47.9158	0.00
1122	85023040040	ELECTRODOS	4	0.00	0.0000 +	0.00
1123	85296610100	PULSADOR CAJA DE PUERTAS	1	12.00	16.8917	202.70
1124	85296610500	BOTONERA	1	0.00	0.5607	0.00
1125	85297712300	INTERRUPTOR BIPOLAR 20A 220V	1	0.00	40.1052	0.00
1126	85298310500	CONTACTOR	1	0.00	84.8378	0.00
1127	85302620550	CABLE	3	0.00	4.5143	0.00
1128	85307520520	CABLE COBRE DIAM.0,30MM.ROJO	3	0.00	0.1100	0.00
1129	85310220250	CARTUCHO	1	3.00	1.0722	3.22
1130	85312820300	ALAM.COBRE P/FUSIBLES 0,30MM	4	0.91	24.6740	22.45
1131	85312820400	ALAMBRE CALIBRADO P/FUS.20A	4	1.85	79.5447	147.16
1132	85312820500	ALAMBRE PARA FUSIBLE 30 AMP.	4	0.35	114.5001	40.08
1133	85317420080	TERMINAL 10 mm.	1	0.00	0.2009	0.00
1134	85317420950	TERMINAL P/INDENTAR 1/2 PULG.	1	.65.00	2.3513	152.83
1135	85318310350	UNIONES	1	27.00	0.1391 #	3.76
1136	85318610200	ARRANCADOR 20 W.	1	0.00	0.5146	0.00
1137	85318610400	ARRANCADOR 40W 200V	1	250.00	0.2800	70.00
1138	85318720600	BOBINA REACTANCIA 250W 220V	1	0.00	21.3060	0.00
1139	85318722700	BALASTO DE 400 EXT.	1	0.00	60.1578	0.00
1140	85318900400		1	0.00	0.0000 +	0.00
1141	85318910200	BOBINA P/REACTANCIA 20W 220V	1	19.00	6.1166	116.22
1142	85318910400	BOBINA P/REACTANCIA 40W 220V	1	251.00	2.6000	652.60
1143	85323550400	LAMP/MERCUR AMP/BALON 220V400W	1	4.00	15.7966	63.19
1144	85324620100	LAMP TUBU.LUZ DE DIA 220V 20W	1	199.00	1.5444	307.34
1145	85324820100	LAMP/TUB.LUZ DE DIA 220V 40W	1	940.00	1.3300	1250.20
1146	85324920100		1	0.00	0.0000 +	0.00
1147	85324920750	LAMP/TUB.LUZ DE DIA 100W 220V	1	9.00	7.6408	68.84
1148	85324920760		1	0.00	0.0000 +	0.00
1149	85325010150	TUBOS 65 WATT.	1	9.00	2.0592	18.53
1150	85325820630	LAMPARA DE FALLA 115 x 10	1	0.00	0.0000 +	0.00
1151	85325820830	LAMP/TUBULAR 115V 10W	1	10.00	3.3387	33.39
1152	85325830830		1	0.00	0.0000 +	0.00
1153	85332010100	PORTALAMP/P/TUBOS FLUORESCENT	1	52.00	0.6382	33.19
1154	85332011010		1	0.00	0.0000 +	0.00
1155	85332020200	PORTALAMP COMBINADO POERT/ARRAN	1	0.00	0.6748	0.00
1156	85332090100	FORTA ARRANCADOR P/TUBO FLUORE	1	0.00	0.9473	0.00
1157	85335510150	LINTERNA DE 3 ELEMENTOS	1	0.00	19.1304	0.00
1158	85390343150		1	0.00	0.0000 +	0.00
1159	85410110050	PILAS 1,5V ALTO 49MM 26MM DIA	1	0.00	0.7560	0.00
1160	85410110150	PILAS 1,5 V	1	0.00	1.2888	0.00

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Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVALLOL

Cantidades al: 31/08/94
Precios al: 31/07/94



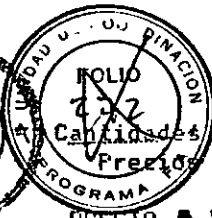
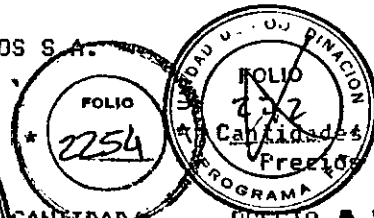
ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1161	85410110200	PILAS	0.00	0.8538	0.00
1162	85615320110	CINTA AISL.COL/NEGRO DE 10MM.	0.00	1.8340	0.00
1163	85615320120	CINTA AISL.COL/NEGRO DE 15MM.	0.00	0.5715	0.00
1164	85650121070	EMPAQUETADURA	0.00	0.0000 +	0.00
1165	85750121070	EMPAQUETADURA DE AMIANTO	4	0.00	48.4287
1166	85833010610	CANA TACUADA	1	0.00	0.1391 #
1167	85860910200	ALICATE	1	0.00	26.1612
1168	85885020100	MACETA	1	0.00	5.1428
1169	85886510130	TENAZA	1	0.00	0.1391 #
1170	86000223050	ARCO DE SIERRA	1	0.00	21.0344
1171	86005411070	MANGO DE CEPILLO	1	0.00	2.9554
1172	86005620200	MARTILLO	1	0.00	21.6509
1173	86550513800	RODAMIENTO 6200 Z	1	21.00	5.2638
1174	86550513820	RODAMIENTO 6202 Z	1	0.00	2.7340
1175	86550514110	RODAMIENTO SKF 6201-2Z	1	3.00	3.8305
1176	86550514520	ROD.1HIL.BOLAS 15X35X11MM+	1	5.00	3.1181
1177	86550515430	RODAMIENTO 6313 SKF	1	1.00	39.3031
1178	86550515440	ROD.1HIL.BOLAS 70X150X35MM+	1	1.00	106.6761
1179	86550516360	RODAMIENTO 6306 Z SKF	1	0.00	7.7768
1180	86550516420	RODAMIENTO 6312 Z	1	0.00	49.8637
1181	86550516710	RODAMIENTO	1	0.00	43.5972
1182	86550516930	ROD.1HIL.BOLAS 17X47X14MM+	1	4.00	0.1391 #
1183	86550517600	RODAMIENTO	1	20.00	0.0000 +
1184	86550517660	RODAMIENTO 6306 ZN SKF	1	38.00	0.2924
1185	86551010280	ROD.2HIL.BOLAS 40X80X18 MM.	1	1.00	15.7630
1186	86552213140	RODAMIENTO NU 314	1	0.00	153.5486
1187	88911611529		1	0.00	0.0000 +
1188	88911611536		1	0.00	0.0000 +
1189	88911615210		1	3.00	0.0000 +
1190	88911615220	PORTAHERRAMIENTA	1	3.00	375.6839
1191	88911615290	ROMPE VIRUTA	1	88.00	13.9365
1192	88911615360	INSERTOS P/FORTA HERRAMIENTA	1	80.00	27.1549
1193	88911619990	CASSETES	1	0.00	250.1156
1194	88919910600	PLAQUITA DE CORTE	1	30.00	28.8567
1195	89065792150	LATON	4	0.00	0.0000 +
1196	89110310200	ARANDELA PLANAS REDONDAS	4	0.00	3.5092
1197	89110310700	ARANDELA	4	9.00	3.6452
1198	89119910600	ARANDELA	4	4.00	10.9490
1199	89120620510	BULON	1	0.00	12.2126
1200	89128532270	BULON CAB Y TCA.HEXAG.12,7	4	0.00	3.4892
1201	89155531500	CHAVETA	1	57.00	0.1504
1202	89155532100	PASADORES DE 1,8 x 44mm.	1	0.00	0.0147
1203	89155532350	PASADORES 2,7 x 25mm.	1	10.00	0.0421
1204	89155532550	PASADOR DE ALETA 2.7 X 44 MM	1	0.00	0.0369
1205	89155532850	CHAVETAS DE 3,7X25MM	1	888.00	0.0821
1206	89155533000	PASADORES 3,7 x 38mm.	1	0.00	0.0701
1207	89155533100	PASADORES DE ALETA TIPO F	1	2029.00	0.0701
1208	89155533750	PASADORES 4,7 x 63mm.	1	0.00	0.0902
1209	89155533850	PASADORES 4,7 x 76mm.	1	239.00	0.0902
1210	89155534050	PASADOR 5,7 MM	1	240.00	0.1002
1211	89155534350	CHAVETAS	1	0.00	0.0972
1212	89155534400	PASADORES 5,7 x 76mm.	1	25.00	0.1907
1213	89155534450	CHAVETAS	1	0.00	0.1391 #
1214	89155535000	PASADORES 7,7 x 90mm.	1	0.00	0.2367
1215	89155535050	PASADORES DE ALETA TIPO F	1	150.00	0.2870
1216	89159936200	CHAVETA	1	0.00	0.1391 #
1217	89173011470	ROBLONES CAB.AB.10mm. DE LARGO	1	0.00	0.0677
1218	89200511150	TORNILLO 18 X 25	1	0.00	0.0603

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Línea : 21 ROCA

Almacén: 213414 DEPOSITO COCHES ELECTRICOS LAVAPLOL



Fecha: 31/08/94

Fecha: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1219	89200513950	TORNILLOS	204.00	0.0170	3.47
1220	89210113550	TORNILLO DE BRONCE	0.00	0.1391 #	0.00
1221	89220111140	TORNILLO 19 MM	1	0.0378	0.00
1222	89220111200	TORNILLOS DIAM.3,17X25mm.	1	0.1002	0.00
1223	89220112660	TORNILLO DIAM.6,35X13mm.LARGO	0.00	0.0510	0.00
1224	89220112750	TORNILLOS ROSCA W LONG.25mm.	1	0.1504	0.00
1225	89220112810	TORN.HIERRO CAB.RED.1/4X3/4"	1	0.1391 #	0.00
1226	89220113070	TORNILLO DIAM.7,94X13mm.LARGO	1	0.1391 #	0.00
1227	89265111200	CADENAS	4	0.0000 +	0.00
1228	89270510850	CANDADOS	1	6.7169	0.00
1229	89270510950	CANDADOS	1	0.6016	0.00
1230	89281930050	DESINFECTANTE FORMALDEHIDO	5	40.00	20.16
1231	89282230050	HIPOCLORITO DE SODIO LIQUIDO	5	0.00	0.00
1232	89283540050	RODENTICIDA GRANULADO	4	225.00	928.67
1233	89331250100	BANDERA ROJA 380X460 mm	1	0.00	0.00
1234	89331251000	BANDERAS	1	0.00	0.00
1235	89992944200	ESTUFA	1	49.00	6.82

ANEXO

Subtotal Almacén 184714.62

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

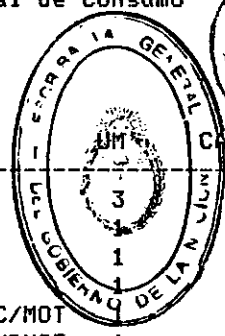
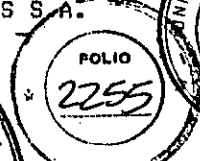
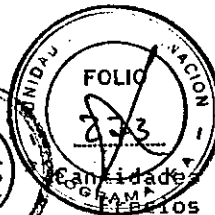
Emisión: 10/11/94

Material de Consumo

Página: 1

Línea : 21 ROCA

Almacén: 213461 DEPOSITO BASE TOLDOA



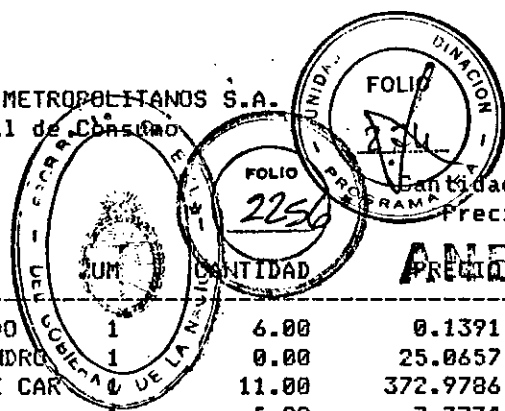
Fecha al: 31/08/94
Fin al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
1	00170802740	CABLE 1100/24 M/T	14.80	0.1391 #	2.06
2	00270801980	CARRONES	154.00	0.8349	128.57
3	00330600077		1	0.0000 +	0.00
4	00530606840	JUNTA FLITRO	35.00	1.9140	66.99
5	00800000510	BOMBA TRANSF.COMBUSTIBLE C/MOT	2.00	0.1391 #	0.28
6	00800000517	BOMBA TRANSFERENCIA DE COMBUST	1	0.0278	0.00
7	00810100210	EJE MOTRIZ COMPLETO	1	0.0000 +	0.00
8	00810100217	EJE MOTRIZ COMPL.	1	0.0000 +	0.00
9	00810100230	EJE PORTANTE	1	128.9562	0.00
10	00810100237	EJE PORTANTE	1	25.7912	51.58
11	00810101277	COLIZA P/CAJA EJE	1	51.5183	103.04
12	00810101290	COLIZA P/GUIA DE CAJA DE EJE	1	10.00	608.19
13	00810103790	PLACA SUP. P/DISP. FRICCION	1	4.4245	17.70
14	00810103810	PLACA INF. P/DISP. FRICCION	1	57.4409	287.20
15	00810103850	PLACA DE DESGASTE	1	41.1666	247.00
16	00810106010	RESORTE.SIMPL.SUSP.MESA FLOT.	1	463.2153	4632.15
17	00810106017	RESORTE SIMPLED	1	92.6430	0.00
18	00810106237		1	0.3651	0.00
19	00810106370	RESORTE P/SUSP.ZONA EJE MOTRIZ	1	170.4472	5624.76
20	00810106410	RESORTE SIMPLE P.SUSP.Z.EJE	1	160.4209	4491.79
21	00810108190	PLACA CENTRAL DE DESGASTE	1	80.2104	0.00
22	00810108390	GUARDAPOLVO PARA PLACA SUP	1	170.8718	170.87
23	00810108410	ABRAZADERA PARA GUARDAPOLVO	1	1.0026	0.00
24	00810109310	BUJE DE 28,57/37,84MM.DIAM.	1	8.0210	96.25
25	00810109350	PERNO CAB.EX.28,6MM.X 95,2MM.	1	3.8918	31.13
26	00810109830	PORTAAPATA DE FRENO	1	54.1367	108.27
27	00810109850	PORTA ZAPATA DE FRENO	1	67.5597	337.80
28	00810109970	CASQUILLO 34,84 /78,96	1	8.0210	24.06
29	00810109990	PERNO COMPLETO	1	156.0254	0.00
30	00810110150	PERNO ENTRE PORTA ZAPAT	1	15.0394	75.20
31	00810111430		1	0.0000 +	0.00
32	00810111930	REGULADOR DE JUEGO LADO FRONT:	1	120.3156	240.63
33	00810111950	REGULADOR DE JUEGO,LADO POST.	1	120.3156	240.63
34	00810111970	REGULADOR DE JUEGO,LADO POST.	1	120.3156	360.95
35	00810114110	GUARDAPOLVO PARA EJE MOTRIZ	1	11.1392	111.39
36	00810114130	ABRAZADERA PARA AJUSTE	1	2.1923	4.38
37	00810114450	CAJA DE PINON Y CORONA	1	0.0000 +	0.00
38	00810114490	CAJA ENGRANAJE MITAD SUP.COMP.	1	441.5304	3090.71
39	00810114517	CAJA ENGRANAJE MITAD SUP.	1	23.7477	0.00
40	00810114550	CAJA ENGRANAJE MITAD INFERIOR	1	441.5304	883.06
41	00810114577	CAJA ENGRANAJE MITAD INF.	1	0.0000 +	0.00
42	00810114630	TAPA COMP. LLENADOR DE GRASA	1	28.6650	0.00
43	00810115010	SELLO DE FIELTRO LADO PINON	1	12.6818	50.00
44	00810115690	TIRA DE SEGURIDAD PARA CAJA	1	25.4000	1066.80
45	00810115710	TORNILLOAC CAB "T" NC 25,4 MM	1	20.0000	1140.00
46	00810115750	TUERCA DE AC EX NC 25,4 MM	1	4.1500	253.15
47	00810118050	CAJA DE ARENA FRONTAL	1	649.0016	3245.01
48	00810118057	CAJA ARENA FRONTAL DERECHA	1	129.8003	129.80
49	00810118070	CAJA DE ARENA FRONTAL	1	649.0016	2596.01
50	00820103017	PARAGOLPE COMP.TIPO B 18W	1	995.0358	0.00
51	00820220430	VIDRIO	1	93.00	848.51
52	00820220437	VIDRIO VENTANA CORREDIZA	1	0.00	0.00
53	00820223010	VIDRIO P/VENT.FIJA LATERAL	1	8.0210	216.57
54	00820223070	VIDRIO P/VENT.FIJA LATERAL	1	6.6173	767.61
55	00820223130	VIDRIO P/VENT.6,35X439,7X630MM	1	14.0368	603.58
56	00820223510	VIDRIOS 6,35X439,7X630,2 MM.	1	12.5328	701.84
57	00820225250	VIDRIO LAMINOSO	1	11.4199	354.02
58	00820225270	VIDRIO 6,35X341,3X665,1MM.	1	10.4273	761.19

ANEXO

Handwritten signatures and initials.

Línea : 21 ROCA
Almacén: 213461 DEPOSITO BASE TOLOSA



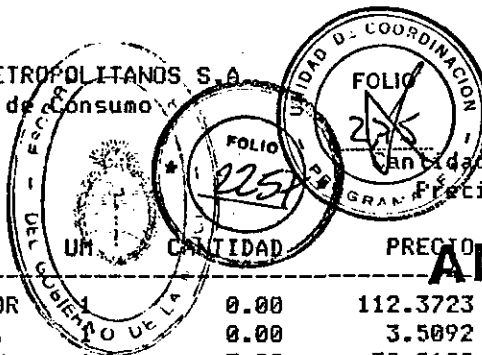
Quantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
59	00820232490	PARASOL COMPLETO MODIFICADO	1	0.1391 #	0.83
60	00830200510	ANILLO INF.P/SOPORTE CILINDRO	1	25.0657	0.00
61	00830202010	TAPA INSPECC.P/CAMARA AIRE CAR	11.00	372.9786	4102.76
62	00830202090	VOLANTE MANUAL	1	7.3734	36.87
63	00830202170	JUNTA DE TAPA INSPECCION.	1	1.4037	16.84
64	00830204330	CILINDRO COMPLETO	1	3384.5462	71075.47
65	00830204337	CAMISA DE CILINDRO	1	676.9092	2030.73
66	00830204350	CILINDRO COMPLETO:	1	1790.0000	0.00
67	00830204790	JUEGO DE JUNTA PARA CILINDRO	1	24.4705	24.47
68	00830204870	CILINDRO RECTIF.A 1RA.	1	0.1391 #	0.28
69	00830204877	CAMISA CILIND RECTIFICADA	1	0.0278	0.00
70	00830204910	CILINDRO RECTIFICADO	1	0.3500	6.30
71	00830205270	CABEZA DE CILINDROS C/VALVULAS	1	1704.4721	13635.78
72	00830205277	CABEZA CILINDRO COMPLETA C/VAL	1	340.8944	0.00
73	00830205290	CABEZA CILINDRO COMPLETA	1	1332.0344	0.00
74	00830205550	GUIA DE VALVULA DE ESCAPE	1	9.5550	0.00
75	00830205770	SIFON CODO SALIDA DE AGUA	1	1.1286	2.26
76	00830205870	TORNILLO	1	0.1391 #	0.28
77	00830206110	TUERCA AC EX NF 44,4 MM.	1	32.5553	65.11
78	00830206220	JUEGO DE JUNTAS ENTRE CAB Y C.	1	86.2988	6645.01
79	00830206230	JUEGO JUNTA P/CABEZA DE CILIND	1	45.1183	0.00
80	00830206290	JUNTA PASO DEACEITE AL BALAN.	1	0.1002	0.40
81	00830206320	SELOS CODO SALIDA AGUA	1	0.4498	2.25
82	00830206330	SELLO ANILLO CIERRE P/F-CALOR	1	9.5249	76.20
83	00830206997	PUENTE VALVULA COMPL.	1	26.0563	26.06
84	00830207110	AJUSTADOR HIDRAULICO,COMPLETO	1	13.4552	0.00
85	00830301620	HORQUILLA IZQUIERDA	1	1998.2428	1998.24
86	00830301810	TORNILLO CABEZA EXAGONAL	1	0.1391 #	0.00
87	00830301950	BIELA PATIN DERECHA	1	902.3675	0.00
88	00830301957	BIELA PATIN	1	180.4735	0.00
89	00830303530	PISTON CON AROS,STANDARD.	1	727.9097	0.00
90	00830303610	JUEGO DE AROS STD.	1	200.5261	0.00
91	00830303620	JGO.AROS	1	200.5261	601.58
92	00830303790	JUEGO DE ARO S/M.0,76 mm.	1	0.1391 #	0.56
93	00830303950	PISTON CON AROS S/M.0,76MM	1	961.1850	0.00
94	00830304110	PISTON CON AROS S/M 0;30MM:	1	1920.0000	1920.00
95	00830304157	PISTON S/M 0.30 G22	1	0.0000 +	0.00
96	00830304190	JUEGO DE AROS S/M 0,76 MM.	1	200.5261	2406.31
97	00830304610	PISTON CON AROS S/M 1,52MM	1	1183.1041	0.00
98	00830304670	ARO DE COMPRESION	1	0.1391 #	1.11
99	00830305190	ARO DE COMPRESION DIAM.STAND.	1	0.1391 #	0.83
100	00830305630	PISTON CON AROS STANDARD	1	902.3675	0.00
101	00830305637	PISTON STD	1	180.4735	0.00
102	00830305650	JUEGO DE AROS DE PISTON	1	36.7798	147.12
103	00830305710	PORTA PISTON	1	594.8106	15465.08
104	00830305730	COJINETE POSTIZO	1	200.5261	0.00
105	00830305750	PERNO DE PISTON	1	309.0208	8343.56
106	00830305770	PERNO DE PISTON	1	0.1391 #	0.14
107	00830305790	ARANDELA DE EMPUJE	1	30.0087	300.09
108	00830305810	ARO RETEN	1	5.5144	181.98
109	00830305850	ARANDELA DE EMPUJE P/PISTON	1	0.1391 #	0.28
110	00830403050	JUNTA PARA MONTAJE	1	1.0026	0.00
111	00830403910	JUNTA E/ EL GOB: Y IMPULSOR	1	0.3396	0.00
112	00830407510	BUJE DEL IMPULSOR	1	230.6050	0.00
113	00830500037	VENTILADOR COMP M/D	1	3868.3495	0.00
114	00830500070	VENTILADOR	1	5013.1531	0.00
115	00830500077	VENTILADOR COMP/MANO IZQUIERD	1	1002.6306	0.00
116	00830500750	JUNTA PARA SELLO DE ACVEATE	1	2.0052	0.00

ANEXO

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Línea : 21 ROCA
Almacén: 213461 DEPOSITO BASE TOLOSA



Validades al: 31/08/94
Faltos al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
117	00830501630	COLLAR DE EMPUJE P/VENTILADOR		0.00	112.3723	0.00
118	00830502290	JUNTA ENTRE BLOCK Y SOPORTE.		0.00	3.5092	0.00
119	00830520190	JUEGO DE JUNTA	1	3.00	30.8189	92.46
120	00830521010	FILTRO DE AIRE DE PUERTAS	1	1.00	621.5078	621.51
121	00830521110	FILTRO EN BANO DE ACEITE	1	0.00	776.0361	0.00
122	00830525110	FLEXIBLE	1	2.00	250.2510	500.50
123	00830600057	INYECTOR	1	0.00	242.2978	0.00
124	00830600070	INYECTOR	1	0.00	3.5122	0.00
125	00830600077	INYECTOR	1	0.00	0.7024	0.00
126	00830600090	INYECTOR	1	45.00	738.0363	33211.63
127	00830600097	INYECTORES	1	3.00	147.6072	442.02
128	00830600110	INYECTOR COMPLETO (PL.A352)	1	6.00	511.3416	3068.05
129	00830600117	INYECTORES	1	6.00	102.2683	613.61
130	00830601450	JUEGO REPARACION INYECTOR	1	0.00	135.3551	0.00
131	00830603750	PERNO ACERO 6,3 MM X 28,5 MM	1	12.00	5.4870	65.84
132	00830603770	RETEN ACERO 4,7 MM DIAMETRO	1	1.00	0.0100	0.01
133	00830603950	RETEN ACERO 11,1 MM	1	12.00	0.0200	0.24
134	00830604750	TUBERIA COMP.COMBUSTIBLE.	1	72.00	54.1420	3898.22
135	00830604450	JUNTA DEL VASO DE VIDRIO.	1	3.00	0.5013	1.50
136	00830606570	JUNTA E/CAJA FILTRO Y CUERPO	1	4.00	4.6417	18.57
137	00830608670	FILTRO DE LA BOCA DE CARGA	1	14.00	8.0210	112.29
138	00830608770	JUNTA DE LA TAPA	1	1.00	5.0131	5.01
139	00830612150	FILTRO DOBLE DE COMBUST.COMP.	1	1.00	0.1391 #	0.14
140	00830612410	ELEMENTO DE FILTRO	1	79.00	5.0344	397.72
141	00830612450	JUNTA ENTRE TAPA Y CAJA	1	45.00	2.3211	104.45
142	00830701890	SELLO DE ACEITE	1	3.00	0.1391 #	0.42
143	00830703090	JUNTA DE LA TAPA	1	6.00	2.4263	14.56
144	00830703930	ELEMENTO FILTRANTE.	1	0.00	59.1551	0.00
145	00830704950	JUNTA E/CAÑO Y BOMBA DE EXTRAC	1	0.00	2.0073	0.00
146	00830707210	CAÑO ACEITE P/ENFRIAM.FISTON	1	49.00	54.1420	2652.96
147	00830707230	CAÑO ACEITE P/ENFRIAMIENTO	1	0.00	184.4840	0.00
148	00830710290	SELLO DEL COLADOR PARA COJINET	1	19.00	16.6437	316.23
149	00830711610	JUEGO DE JUNTA DEL ELEMENTO M.	1	7.00	33.0868	231.61
150	00830711650	JUEGO DE JUNTAS P/FILTRO DE AC	1	5.00	0.1391 #	0.70
151	00830713130	JUNTA TAPA DE FILTRO	1	29.00	3.8243	110.90
152	00830722290	JUNTA P/CODO BOMBA EXTRACCION.	1	0.00	3.5092	0.00
153	00830730060	JUEGO REPARAC.	1	1.00	69.1814	69.18
154	00830800010	BOMBA COMP.LADO IZO.P/AGUA	1	0.00	4147.6073	0.00
155	00830800017	ALOJAMIENTO BOMBA DE AGUA	1	0.00	829.5214	0.00
156	00830800030	BOMBA COMP.DERECHA DE AGUA	1	1.00	0.2035	0.20
157	00830800037	BOMBA DE AGUA COMP.DERECHA	1	0.00	0.0407	0.00
158	00830800060	BOMBA DE AGUA	1	5.00	0.0000 +	0.00
159	00830800067	BOMBA DE AGUA	1	0.00	0.0000 +	0.00
160	00830800510	JUEGO DE SELLO P/BOMBA DE AGUA	1	4.00	103.3828	413.53
161	00830800570	BUJE FIJO	1	1.00	164.8002	164.80
162	00830800690	SELLO INTERIOR,DE CARBON	1	2.00	29.9149	59.83
163	00830800700	SELLO DE BOMBA DE AGUA	1	0.00	6.9683	0.00
164	00830800750	RESORTE DEL SELLO RETEN	1	2.00	12.1622	24.32
165	00830800970	RODAMIENTO A BOLILLAS	1	0.00	6.0158	0.00
166	00830803790	CODO SALIDA AGUA BOMBA A BLOCK	1	5.00	0.1391 #	0.70
167	00830803810	CODO SALIDA AGUA BOMBA A BLOCK	1	6.00	0.1391 #	0.83
168	00830803870	JUNTA ENTRE BRIDA Y CODO	1	0.00	1.1145	0.00
169	00830803950	CAÑO SALIDA DE AGUA	1	1.00	1240.7307	1240.73
170	00830803970	CAÑO SALIDA DE AGUA	1	1.00	0.1391 #	0.14
171	00830803990	CODO	1	1.00	90.2367	90.24
172	00830805090	RADIADOR P/ENFRIAM.MOTOR L/IZO	1	5.00	6128.4795	30642.40
173	00830805097		1	0.00	1225.6959	0.00
174	00830805410	JUNTA ENTRE TAPA Y NUCLEO	1	35.00	37.8339	1324.19

ANEXO

Handwritten marks and signatures at the bottom of the page, including a large 'A' and other scribbles.

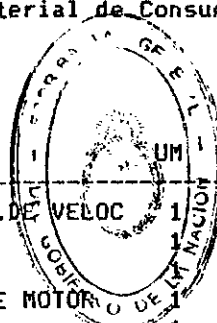
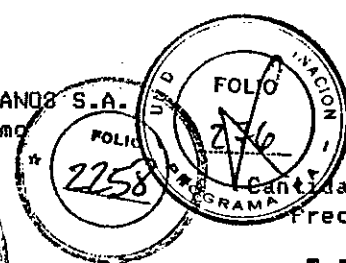
Emisión: 10/11/94

FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Página: 4

Línea : 21 ROCA

Almacén: 213461 DEPOSITO BASE TOLOSA



Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
175	00830806790	TERMOSTATO MONT.S/INC.DE VELOC	1	5.00	703.9905	3519.95
176	00830807030	TERMOSTATO.	1	2.00	77.1621	154.32
177	00830807050	TERMOSTATO.	1	2.00	781.0406	1562.08
178	00830807210	TERMOSTATO P/ALARMA DE MOTOR	1	7.00	593.4013	4153.81
179	00830812310	ENFRIADOR DE ACEITE	1	0.00	2.5803	0.00
180	00830812317	ENFRIADOR	1	1.00	0.5160	0.52
181	00830812770	TUBO NIVEL 3/4" X 5/8"	1	0.00	6.7490	0.00
182	00830814350	TUBO DE VIDRIO P/MEDID.15.3/8"	1	2.00	0.1391 #	0.28
183	00830815530	INTERCAMBIADOR DE CALOR.	1	0.00	5113.4162	0.00
184	00830815537		1	0.00	1022.6832	0.00
185	00830815670	JUNTA.	1	0.00	4.0105	0.00
186	00830900010	REGULADOR ELECT.HIDRAU.COMP.	1	7.00	0.1391 #	0.97
187	00830900017	REGULADOR	1	0.00	0.0278	0.00
188	00830900110	REGULADOR COMPLETO	1	0.00	19470.4284	0.00
189	00830900117	REGULADOR W.	1	0.00	3894.0856	0.00
190	00830901330		1	0.00	0.1391 #	0.00
191	00830904030	SELLO DE ACEITE DE VALVULA	1	0.00	17.1149	0.00
192	00830906410	EQUIPO ELECTRICICO DE POTENCIA	1	4.00	150.3945	601.58
193	00830906417	EQUIPO ELECTRICICO	1	3.00	30.0789	90.24
194	00830909090	JUNTA PARA PLACA.	1	0.00	5.5983	0.00
195	00830909290	DIAPHRAGMA DE VACIO.	1	0.00	23.9415	0.00
196	00850100010	COMPRESOR COMPLETO	1	0.00	0.1391 #	0.00
197	00850100017	COMPRESOR COMPLETO	1	0.00	0.0278	0.00
198	00850101810	INDICADOR	1	0.00	214.9878	0.00
199	00850103970	AROS	1	5.00	63.5477	317.74
200	00850104490	CILIND.D.P.	1	1.00	630.0003	630.00
201	00850109910	EMBOLO	1	3.00	90.4056	271.22
202	00850109930	PERNO	1	4.00	18.7144	74.86
203	00850114010	VALVULA DESCARGA BAJA	1	0.00	175.4603	0.00
204	00850114050	VALVULA	1	2.00	228.5997	457.20
205	00850114057	VALVULA DESCARGA ALTA	1	0.00	45.7199	0.00
206	00850114070	VALVULA ALTA	1	5.00	228.5997	1143.00
207	00850114077		1	0.00	45.7199	0.00
208	00850114110	VAVULA DE SUCCION DE BAJA PRES	1	0.00	228.5997	0.00
209	00850114117	VALVULA SUCCION BAJA	1	2.00	45.7199	91.44
210	00850114390	JUNTA	1	50.00	1.5960	79.80
211	00850114690	GRAFA	1	2.00	92.2801	184.56
212	00850115750	RESORTE	1	3.00	0.0000 +	0.00
213	00850115970	EMBOLO	1	2.00	50.8100	101.62
214	00850120030	FILTRO	1	2.00	0.1391 #	0.28
215	00850123070	RESORTE GRILLA COMPLETA	1	14.00	464.3462	6500.85
216	00850123090	ARO SELLO GRILLA COMPRESOR	1	3.00	0.0000 +	0.00
217	00850200017	GOBERNADOR	1	1.00	0.0000 +	0.00
218	00850302150	MANGA FRENO INDEPENDIENTE	1	2.00	578.5309	1157.06
219	00850314530		1	2.00	0.0000 +	0.00
220	00850316590	CILINDRO	1	0.00	1498.5930	0.00
221	00850316650	CILINDRO	1	1.00	636.4488	636.45
222	00850602350	TRAMPA	1	13.00	80.7117	1049.25
223	00850602390		1	12.00	31.5545	378.65
224	00850605830	TRAMPA DEL ARENERO	1	0.00	0.0000 +	0.00
225	00850606220	TUBO EXPULSOR ARENA DER.	1	44.00	21.7142	955.42
226	00850606230	TUBO EXPULSOR ARENA IZQ.	1	44.00	24.2016	1064.87
227	00850609057		1	0.00	17.1047	0.00
228	00850611010	MOTOR	1	0.00	92.6302	0.00
229	00850612360	BRAZO VENTANA COMPLETO	1	0.00	12.5708	0.00
230	00850614010	VALVULA	1	12.00	402.7374	4832.85
231	00850616510	CILINDRO P/OPERADOR PERSIANA	1	5.00	446.1706	2230.85
232	00860200010	AMPERIMETRO P/CARGA BATERIA	1	0.00	312.8007	0.00

ANEXO

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Emisión: 10/11/94

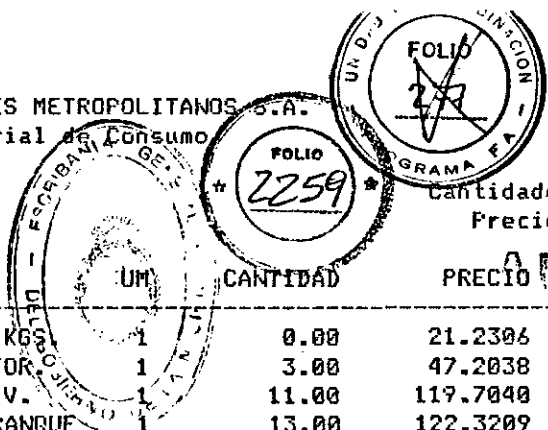
Línea : 21 ROCA

Almacén: 213461 DEPOSITO BASE TOLOSA

Cantidades al: 31/08/94

Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
233	00860200930	MANOMETRO ESCALA 0 A 11 KGS	1	0.00	21.2306	0.00
234	00860203030	TERMOMETRO TEMP.AGUA MOTOR	1	3.00	47.2038	141.61
235	00860300430	LLAVE ROTATIVA 30 A 230 V.	1	11.00	119.7040	1316.74
236	00860300570	LLAVE ROTATIVA CEBAR-ARRANQUE	1	13.00	122.3209	1590.17
237	00860300610	LLAVE DE INDEPENDIZAR	1	15.00	148.4896	2227.34
238	00860301270	LLAVE DE CORREDERA(PL.9122 FL)	1	7.00	5.0131	35.09
239	00860301290	LLAVE DE 2 A.115 V.P/ARENAM.	1	3.00	127.3741	382.12
240	00860301370	LLAVE P/CAMPO DE GENERADOR	1	7.00	97.7828	684.48
241	00860301450	LLAVE RESTABLECEDORA DE TIERRA	1	3.00	55.0196	165.06
242	00860301870	INTERRUPTOR ETS.P/TEMP.MOTOR	1	1.00	379.5943	379.59
243	00860302650	TERMOSTATO EMB. VENT.TA.COMPLE	1	1.00	521.5384	521.54
244	00860305570	INTERRUPTOR	1	2.00	0.0000 +	0.00
245	00860400010	REGULADOR DE VOLTAJE COMPLETO	1	0.00	995.6688	0.00
246	00860400030	OPERADOR COMPLETO	1	0.00	1461.3706	0.00
247	00860401030	REGULADOR DE VOLTAJE ESTATICO	1	0.00	1509.4604	0.00
248	00860401037	REGULADOR VOTIOS	1	0.00	301.8920	0.00
249	00860404030	REGULADOR DE CARGAA,COMPLETO	1	2.00	23867.0689	47734.14
250	00860404037	REGULADOR DE CARGA COMPLETO	1	0.00	4773.4137	0.00
251	00860501030	VALVULA MAGNETICA"SH-FC"CONT.	1	1.00	151.4811	151.48
252	00860503010	VAL.MAGNET.P/REVER.P/LOCT.	1	0.00	142.9878	0.00
253	00860503017	VALVULA MAGNETICA REVERSA	1	9.00	28.5975	257.38
254	00860503030	BOBINA MAGNETICA	1	1.00	179.3938	179.39
255	00860503037	BOBINA MAGNETICA	1	6.00	35.8787	215.27
256	00860504030	VALV.MAGN.TIFO 210 COMPLETA	1	2.00	238.3480	476.70
257	00860505940	JUEGO DE BOBINA	1	1.00	0.1391 #	0.14
258	00860600030	CONTACTOR ST-GS,COMPLETO	1	0.00	0.1391 #	0.00
259	00860600037	CONTACTO "GS"	1	0.00	0.0278	0.00
260	00860600990	ESCOBILLAS DE CONTACTO.	1	1.00	151.4366	151.44
261	00860604010	CONTACTOR "BC" CARGA BATERIA	1	2.00	0.2712	0.54
262	00860604570	BOBINA MAGNETICA COMPLETA	1	2.00	0.1391 #	0.28
263	00860605210	CONTACTO	1	1.00	0.0000 +	0.00
264	00860607030	CONTACTO	1	1.00	1462.8447	1462.84
265	00860608950	CONTACTOR"BP" -CONTACTO 1000 A	1	2.00	1181.0989	2362.20
266	00860608977	CONTACTO "S" CDNT. 1000A	1	0.00	52.0978	0.00
267	00860609010	CONTACTOR "P" CONTACTO 1300 A	1	1.00	0.0000 +	0.00
268	00860609050	INTERLOCK AUXILIAR E.F.G.M..	1	1.00	135.2448	135.24
269	00860612950	CONTACTO MOVIL	1	6.00	76.5984	459.59
270	00860614810	CONTACTO	1	0.00	756.5070	0.00
271	00860615150	CONT.FIJO	1	2.00	51.5552	103.11
272	00860616510	CONTACTOR POTENCIA COMPLETO	1	3.00	0.1391 #	0.42
273	00860616517	CONTACTO DE POTENCIA	1	0.00	0.0278	0.00
274	00860622010	CONTACTOR RESERVA COMPLETO	1	1.00	1115.8561	1115.86
275	00860622590	BOBINA MAGNETICA	1	1.00	0.1391 #	0.14
276	00860623650	CONTACTO GS SF	1	0.00	0.1391 #	0.00
277	00860625510	CONTACTOR "SF" DEL GENERADOR	1	1.00	0.1391 #	0.14
278	00860625537	CONTACTO BF EXITACION	1	0.00	0.0278	0.00
279	00860625950	BOBINA MAGNETICA	1	5.00	0.1391 #	0.70
280	00860706010	RELE P/USO GRAL.	1	4.00	193.4876	773.95
281	00860711750	RELAY R.C.R. COMPLETO.	1	6.00	0.1391 #	0.83
282	00860716750	RELAY FPR P/G.12	1	4.00	0.1391 #	0.56
283	00860719510	RELE PR.DE TRANSICION PL.5429	1	1.00	1532.5660	1532.57
284	00860720537	RELE GR TIERRA	1	0.00	808.3215	0.00
285	00860720540	BOBINA DEL RELAY GR.****	1	3.00	72.3048	216.91
286	00860923970	PANEL SENSOR	1	4.00	0.1391 #	0.56
287	00860959170	PANEL REGISTRO	1	1.00	0.0000 +	0.00
288	00860962090	RESISTENCIA DEL RELAY FTR	1	2.00	0.1391 #	0.28
289	00860964530	REOSTATO RH 50 RH 51	1	2.00	26.1987	52.40
290	00870100670	TRAMPA DE ACEITE EXTERIOR	1	0.00	127.1403	0.00



ANEXO

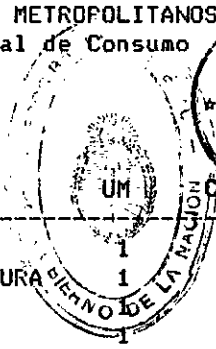
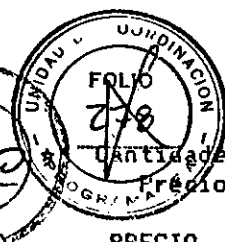
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 6

Línea : 21 ROCA
Almacén: 213461 DEPOSITO BASE TOLOSA



Cantidades al: 31/08/94
Precios al: 31/07/94

####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
291	00870100690	ACEITERO INTERIOR.	1	0.00	317.5138	0.00
292	00870100850	MANGUITO DEL EJE DE ARMADURA	1	0.00	168.8568	0.00
293	00870103170	ARO CONECTOR NEGATIVO	1	3.00	200.5261	601.58
294	00870106857		1	0.00	113.2972	0.00
295	00870106870	PORTA ESCOBILLA COMPLETO	1	4.00	999.6227	3998.49
296	00870106877		1	3.00	199.9245	599.77
297	00870107590	ESCOBILLA DE CARBON DE.8	1	517.00	12.4526	6437.99
298	00870300010	GENERADOR AUXILIAR 10KW	1	0.00	1.5446	0.00
299	00870300017	GOBERNADOR	1	0.00	0.3089	0.00
300	00870300037		1	0.00	0.0000 +	0.00
301	00870303470	ESCOBILLA DEL GENERADOR	1	0.00	0.0000 +	0.00
302	00870800010	MOTOR DE TRACC.MODELO D47B	1	3.00	49.1920	147.58
303	00870800017	MOTOR TRACCIO D.47 Y 57	1	0.00	9.8384	0.00
304	00870800020	MOTOR DE TRACC.MOD.D.57B-1COMP	1	0.00	0.1391 #	0.00
305	008708000810	ACEITERA	1	0.00	39.1989	0.00
306	008708000950	TORNILLO CAB.EXAG.35 MM 6 H.	1	15.00	9.4447	141.67
307	00870801970	TAPA COLECTOR INF.CORTA COMPLE	1	2.00	32.4342	64.87
308	00870802910	PORTAESCOBILLA M/T	1	10.00	396.0390	3960.39
309	00870802917	PORTA ESCOBILLA	1	0.00	79.2078	0.00
310	00870802930	PORTAESCOBILLA DE MT.	1	22.00	253.6655	5580.64
311	00870803050	ESCOBILLA	1	199.00	11.0289	2194.75
312	00870807250	TERMINAL P/CABLES DEL MOTOR TR	1	3.00	3.5092	10.53
313	00870811310	TUERCA AC.ESP.69,8 MM (2 3/4")	1	0.00	8.9347	0.00
314	00870811910	LUBRICADOR A MECHA COMPLETO	1	42.00	91.7407	3853.11
315	00870812020	MECHA DE LUBRICACION	1	2.00	0.0000 +	0.00
316	00870812030	MECHA DE LUBRICAC.DE 1 PIEZA	1	77.00	33.0868	2547.68
317	00870812070	MECHA JUEGO DE 6 FIELTROS	1	5.00	0.1391 #	0.70
318	00870812930	JUNTAS	1	0.00	2.1742	0.00
319	00870813317	COJ/SOP/MOT/TRACC/STANDARD	1	4.00	30.6758	122.70
320	00870813330	COJINETE SOPOR.MOT. TRACCION	1	16.00	80.5045	1288.07
321	00870813337	COJINET SOP/MOT/TRAC/1/32PULG.	1	5.00	16.1009	80.50
322	00870813350	COJINETE SOPOR.MOT.TRACCION	1	5.00	0.1391 #	0.70
323	00870813357	COJ/SOP/MOT/TRACC/1/16 PULG.	1	3.00	0.0278	0.08
324	00870813397	COJ/SOP/MOT/TRACC/202,2MM DIAM	1	6.00	0.0278	0.17
325	00870813450	COJINETE SOP.2034 ST.	1	5.00	597.7343	2988.67
326	00870813480	COJINETES STD	1	0.00	2103.7164	0.00
327	00871200010	MOTOR ELECTRICICO	1	2.00	1.0318	2.06
328	00871200890	ESCOBILLA DE CARBON	1	199.00	4.0005	796.10
329	00871700010	MOTOR ELECT.CALEFACTOR DE CABI	1	0.00	212.4218	0.00
330	00871700027	MOTOR CALEFACTOR	1	0.00	93.2057	0.00
331	00871700150	ESCOBILLA DE CARBON	1	0.00	4.0105	0.00
332	00880201690	BURLETE GOMA P/UNIDAD SELLADA	3	8.00	8.5481	68.38
333	00880201790	BASTIDOR P/LUZ DE CABECERA	1	0.00	34.1993	0.00
334	00880302510	CONECTOR P/BATERIA COMPLETO	1	0.00	0.1391 #	0.00
335	00880403620	ENCHUFE P/GOBERNADOR GA.	1	1.00	0.1391 #	0.14
336	00890103610	MIRINAQUE COMPLETO	1	0.00	0.0000 +	0.00
337	00890130010	ESPEJO RETROVISOR COMP.	1	0.00	114.1642	0.00
338	00890130090	ESPEJO DE 130,2 X 451,5 MM	1	0.00	154.5666	0.00
339	00890302930	PLACA DE FRICCION G.	1	5.00	87.1107	435.55
340	00890302950	SOPORTE COMPLETO SUPERIOR	1	10.00	42.9387	429.39
341	00890302970	SOPORTE COMPLETO INFERIOR	1	1.00	380.0509	380.05
342	00890303010	PLACA DE FRICCION GR.	1	2.00	95.0297	190.06
343	00890307650	CONDUCTO P/AIRE MT 3 Y 4	1	0.00	1.1252	0.00
344	00890500010	IMPULSOR COMP.INCRE.VENTILADOR	1	2.00	17.5676	35.14
345	00890500017	INDICADOR VELOCIDAD	1	0.00	3.5135	0.00
346	00890500030	IMPULSADOR-	1	1.00	137.1721	137.17
347	00890500037	IMPULSOR	1	0.00	27.4344	0.00
348	00890500130	SELLO DE ACEITE PARA EJE IMPUL	1	0.00	9.3097	0.00

ANEXO

AD

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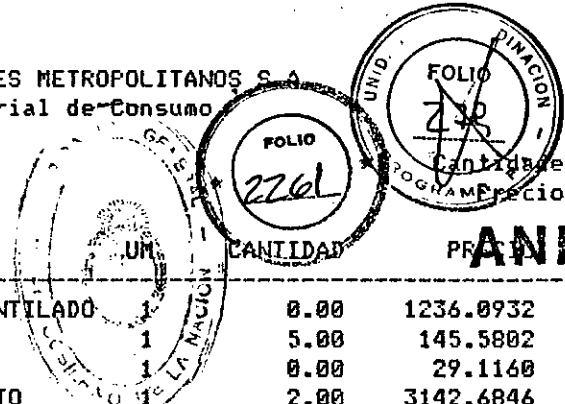
Línea : 21 ROCA

Almacén: 213461 DEPOSITO BASE TOLOSA

Programa al: 31/08/94
Especios al: 31/07/94

#####	NUM	DESCRIPCION	UN	CANTIDAD	PRECIO	IMPORTE
349	00890500310	EMBRAGUE P/IMPULSION VENTILADO	1	0.00	1236.0932	0.00
350	00890501490	ACOPLE ROSCA NF.15,8 MM	1	5.00	145.5802	727.90
351	00890501497		1	0.00	29.1160	0.00
352	00890504410	VENTILADOR P/ENFRIAMIENTO	1	2.00	3142.6846	6285.37
353	80011462650	S/D	1	0.00	29.2239	0.00
354	80012020070	HIERRO 7,9 MM	4	0.00	2.8811	0.00
355	80013120160	ACERO EXAGONAL 15 mm.	4	63.00	2.5032	157.70
356	80013120260	LAMINADO ENTRECARA 25,4mm	4	0.00	2.9544	0.00
357	80013130190	ACERO ALCARBONO EXAGONAL	4	15.00	1.2874	19.31
358	80013130220	ACERO COMUN EXAG. DE 21m/m	4	11.50	1.2874	14.81
359	80020123190	ACERO TRAFILADO EN BARRA EXAGO	4	20.00	3.4882	69.76
360	80211011100	COJINETES USADOS MOT. TRACCION	4	1087.00	0.8853	962.32
361	80681110480	TUERCA 3/16	4	0.00	3.7172	0.00
362	80681110640	TUERCA HEXAG. 6,4MM. 1/4" 20H.	4	0.00	12.3409	0.00
363	80681111270	TUERCA HEXAG. 12,7MM. 1/2" 12H	4	0.00	3.7172	0.00
364	80681112220	TUERCA HEXAG.22,2MM. 7/8" 9H.	4	0.00	3.2950	0.00
365	80681112540	TUERCA HEXAG. 25,4MM. 1" 8H.	4	0.00	3.3258	0.00
366	80681113490	TUERCA EXAG.34,9mm. 7 HILOS	4	0.00	18.5403	0.00
367	80710111180	ALAMBRE H.GDO.N 18	4	0.00	4.7123	0.00
368	80710111800		4	0.00	0.0000 +	0.00
369	80710221140	ALAMBRE DULCE 2,03 mm.	4	0.00	4.9767	0.00
370	80970111040	CANO COB S/COST DIAM 32X3,25MM	4	5.00	0.1391 #	0.70
371	81251210200	LLAVES DE PASO	1	0.00	14.7086	0.00
372	81251210250	LLAVE PASO BRONCE 1"	1	1.00	17.1663	17.17
373	81400120020	ARENA EN GRANO MEDIANOS	8	6.30	17.0377	107.34
374	81601461300	MACHIMBRE 25X76 MM	6	32.61	11.1584	363.88
375	81601461350	MADERA MACHIMBRADA	6	0.00	45.0019	0.00
376	81605211450	MADERA MACHIMBRADA	6	1.46	21.7855	31.81
377	81630410650	MADERA TERCIADE DE 4MM	6	0.00	5.2239	0.00
378	82294570240	PAPEL DE LIJA DE 210 x 260mm.	1	9.00	0.2406	2.17
379	82294710300	TELA ESMERIL GRANO 30 210MM.	1	0.00	0.5514	0.00
380	82294710600	TELA ESMERIL GRANO 60 EN HOJA	1	5.00	1.8648	9.32
381	82294710700	TELA ESMERIL GRANO 70 EN HOJA	1	0.00	1.9151	0.00
382	82295440030	PAPEL LIJA G.120-230 x 280MM.	1	0.00	0.3826	0.00
383	82300134430	RUEDA RECTA	1	2.00	0.1391 #	0.28
384	82300222190		1	0.00	21.0292	0.00
385	82300225100	RUEDA RECTA	1	1.00	33.3617	33.36
386	82300227140	PIEDRA ESMERIL	1	1.00	72.5493	72.55
387	82300229190		1	0.00	573.4622	0.00
388	82311210200	ANTIINCRUSTANTE DEARBON	4	0.00	3.4590	0.00
389	82312750300	DETERGENTE LIQUIDO	5	210.00	0.5915	124.22
390	82330532000	ADHESIVO SINTETICO	4	0.00	6.3226	0.00
391	82337130100	S/D	4	0.00	2.3700	0.00
392	82452010050	ESCOBAS DE PAJA DE GUINEA	1	0.00	5.7150	0.00
393	82452010150	ESCOBA DE PAJA DE 5 HILOS	1	0.00	2.2684	0.00
394	82452210050	ESCOBILLA DE GUINEA CABO 160 M	1	0.00	2.6367	0.00
395	82454320050	TRAPOS DE PISO DE 550x600MM.	1	0.00	0.9677	0.00
396	82454520050	TRAPO REJILLA DE ALGODON	1	0.00	0.5702	0.00
397	82457910050	PAPEL HIGIENICO-ROLLOS 74MTS.	1	0.00	0.2506	0.00
398	82470110010	ESTOPA BLANCA P/ LIMPIEZA	4	150.00	0.9060	135.90
399	82470420010	ESTOPA DE LANA	4	0.00	1.5039	0.00
400	82470710010	ESTOPA SATURADA	4	300.00	3.3600	1008.00
401	82477310200	TRAPO P/LIMPIEZA DE ALGODON	4	0.00	39.7429	0.00
402	82477410100	TRAPO ALGODON DE 500mm.ANCHO	4	90.00	3.1611	284.50
403	82505031000	CEPILLO	1	2.00	0.5113	1.02
404	82603181000	BORAX	4	0.00	1.3535	0.00
405	82603540250	CARBURO DE CALCIO TAMBOR 25Kg	4	64.09	1.6443	105.38
406	82740210500	MATAFUEGO MANUAL DE 5 Kg	1	0.00	109.3042	0.00

ANEXO



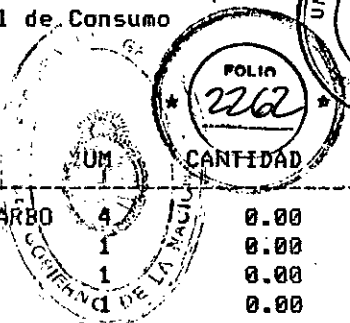
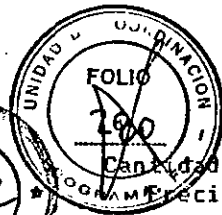
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FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 8

Línea : 21 ROCA
Almacén: 213461 DEPOSITO BASE TOLOSA



Capacidad al: 31/08/94
Cuentas al: 31/07/94

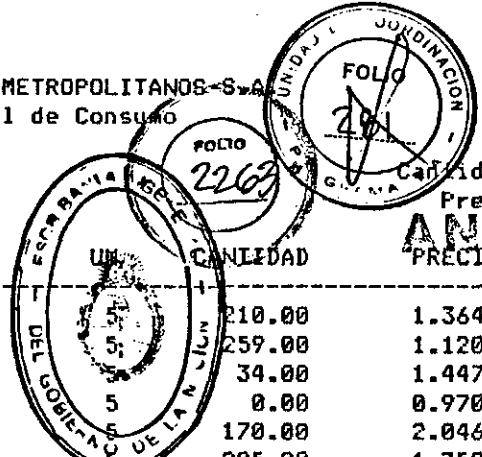
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407	82742050050	MATAFUEGO BASE ANHIDRIDO CARBO	4	0.00	22.0578	0.00
408	82761340120	BOTINES DE SEGURIDAD N 39	1	0.00	21.1411	0.00
409	82761340130	BOTINES DE SEGURIDAD N 40	1	0.00	21.1411	0.00
410	82761340140	BOTINES DE SEGURIDAD N 41	1	0.00	21.1411	0.00
411	82761340150	BOTIN DE SEG.N 42	1	0.00	21.1411	0.00
412	82761340160	BOTIN DE SEG. N 43	1	0.00	21.1411	0.00
413	82761340170	BOTINES DE SEGURIDAD N 44	1	0.00	21.1411	0.00
414	82761340180	BOTIN DE SEG.N 45	1	0.00	21.1411	0.00
415	82761740040	CASCO BLANCO	1	9.00	23.6228	212.61
416	82761740050	CASCO NARANJA T1 CA	1	3.00	23.6228	70.87
417	82761740060	CASCO DE SEGURIDAD	1	29.00	11.8310	343.10
418	82762531000	GUANTES CUERO COMB.PUNO CORTO	1	0.00	2.5300	0.00
419	82762531500	1	1	0.00	4.4616	0.00
420	82762534000	GUANTES PARA RIESGO ELECTRICO	1	4.00	6.0158	24.06
421	82823530180	CORREA	1	7.00	58.6437	410.51
422	82861520230	PERFIL MOLDEADO Nro.217-pirell	3	1.00	1.0835	1.08
423	82861520250	PERFIL MOLDEADO Nro.275-PIRELL	3	52.00	4.9515	257.48
424	82900121250	MANGA DE CAUCHO-DIAM.INT.25mm.	3	0.00	7.3931	0.00
425	82900121380	MANGA DE CAUCHO	3	7.00	32.3039	226.13
426	82901620600		3	0.00	0.0000 +	0.00
427	82901622060	MANGA DE CAUCHO	3	0.00	2.2887	0.00
428	82904510760	MANGA DE CANAMO	3	25.00	0.1391 #	3.48
429	82906210880	ABRAZADERA DE ACERA P/MANGA	1	0.00	1.2982	0.00
430	82950113600	NEUMATICOS 700x16 DE 6 TELAS	1	0.00	0.0000 +	0.00
431	82950135270	NEUMATICOS 825x20-12 TELAS	1	0.00	824.9338	0.00
432	82951010800	CAMARA P/NEUMATICO 760X16	1	0.00	15.0394	0.00
433	82951031000	CAMARA P/NEUMATICO 825 X 20	1	1.00	80.4313	80.43
434	82952291700	PROTECTOR P/CAMARA 825X20	1	0.00	12.0316	0.00
435	83140110120	TELA C/MARRON	3	11.30	6.9181	78.17
436	83140210110	TELA COLOR MARRON RECUB.C/PLAS	3	0.00	6.9181	0.00
437	83390110040	CAL EN POLVO AL AGUA	4	0.00	2.1030	0.00
438	83430310150		5	0.00	4.3628	0.00
439	83430311150	ESMALTE SINT. ROJO SENAL	5	19.00	5.8700	111.53
440	83430311550	ESM.SINT.CREMA 04.1.040	5	4.00	3.2793	13.12
441	83430312150	ESM.SIN.AMARILLO 05.1.030	5	0.00	5.4141	0.00
442	83430314100	ESMALTE SINTETICO GRIS N0028	5	0.00	5.4141	0.00
443	83430315500	ESMALTE SINT. BLANCO T. PURO	5	0.00	6.4358	0.00
444	83430315550	ESMALTE SINTETICO NEGRO	5	0.00	6.4002	0.00
445	83430315600	ESMALTE SINT. ALUMINIO PURO	5	0.00	5.0131	0.00
446	83430511930	ESMALTE SINT.ROJO SENAL	5	0.00	6.0085	0.00
447	83452030040	AISLANTE SECANTE AL AIRE CLARO	5	0.00	1.9873	0.00
448	83454620010	BARNIZ TIPO FLATTING P/INTERI.	5	0.00	3.7402	0.00
449	83490130750	ACEITE LINAZA	5	0.00	3.2966	0.00
450	83490137500		5	0.00	2.8372	0.00
451	83490510300	AGUARRAS MINERAL (LATAS 4 L.)	5	0.00	0.6700	0.00
452	83500710140	PINCEL OVALADO DE 2"x2 1/2"	1	0.00	4.5118	0.00
453	83500910030	PINCEL CHATO DE 19mm.	1	0.00	1.3034	0.00
454	83500910040	1	1	0.00	1.8047	0.00
455	83501010090	PINCEL CHATO 101,59 MM	1	0.00	5.0131	0.00
456	83505160050	PINCEL P/BLANQUIAR	1	0.00	4.0105	0.00
457	83900505500		0	0.00	0.1391 #	0.00
458	83900510180	GAS-OIL	5	782861.50	0.1900	148743.69
459	83900510350	KEROSENE	5	0.00	0.5013	0.00
460	83900520550	SOLVENTE STODDARD	5	180.00	0.5146	92.63
461	83951520060	ACETILENO CILINDRO 6 KG	4	0.00	11.2000	0.00
462	83953020060	OXIGENO X 6	8	0.00	3.0000	0.00
463	83970310260	ACEITE YPF	5	0.00	2.4482	0.00
464	83971011050		5	0.00	0.1391 #	0.00

ANEXO

[Handwritten signatures and initials]

Línea : 21 ROCA
Almacén: 213461 DEPOSITO BASE TOLOSA

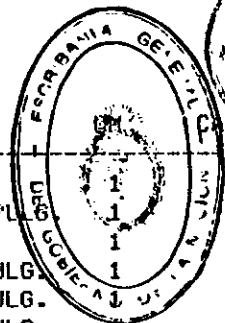
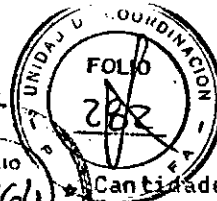
Cantidades al: 31/08/94
Precios al: 31/07/94



#####	NUM	DESCRIPCION	UNIDAD	CANTIDAD	PRECIO	IMPORTE
465	83971011300	1		210.00	1.3640	286.44
466	83971011500	ACEITE Y.P.F		259.00	1.1200	290.08
467	83971310200	ACEITE YPF NR 267		34.00	1.4479	49.23
468	83971411100	ACEITE PARA DIFERENCIALES	5	0.00	0.9700	0.00
469	83971511050	ACEITE NRO. 510		170.00	2.0460	347.82
470	83971811550	ACEITE NRO. 1000		205.00	1.3593	278.66
471	83972211170	ACEITE NRO.17	5	0.00	1.6513	0.00
472	83973611000	ACEITE SUPERMOVIL 412 SAE 40	5	52.00	1.6460	85.59
473	83973611100	ACEITE NRO.412	5	245.00	1.6573	406.04
474	83973611150	ACEITE Y.P.F. N.416	5	0.00	1.6573	0.00
475	83973810500	ACEITE SUPERMOVIL N.421	5	50.00	1.6041	80.21
476	83973811050	ACEITE HD. 5-0431	5	120.00	1.8201	218.41
477	83973811100	ACEITE FERRODIESEL SERIE 1-40	5	0.00	1.9110	0.00
478	83973811150	1	5	24912.39	1.6313	40639.58
479	83973811500	ACEITE 397	5	0.00	0.1391 #	0.00
480	83973911050	ACEITE HD 30 S.3	5	0.00	1.5100	0.00
481	83975911050	GRASA N 30	4	106.00	1.1861	125.73
482	83976311140	1	4	145.00	1.9837	287.64
483	83976611000	GRASA N. 96	4	0.00	0.6534	0.00
484	83976611050	1	4	0.00	0.6534	0.00
485	83976611100	GRASA Y.P.F. 90	4	180.00	0.6534	117.61
486	83976711050	GRASA YPF NR 102	4	65.00	2.7327	177.63
487	84170510500	BENGALAS DE MANO ROJO 50X270MM	1	0.00	14.0368	0.00
488	84172210100	PETARDOS ADVERT.P/VIAS 35C	1	0.00	5.0457	0.00
489	84400510200	ACEITERA	1	5.00	26.1986	130.99
490	84420120010	PRECINTOS SEGURIDAD HOJ.330MM	1	33.00	0.1747	5.77
491	85000110330	ESTAND 33 Z	4	0.00	6.3000	0.00
492	85000110500	SOLDADORA ALEACION EST.FLOMO	4	0.00	8.2100	0.00
493	85000520420	ALEACION ESTAO/PLOMO	4	0.86	32.4538	27.91
494	85020120110	ELECTRODOS TIPO 4313 2.5 MM	4	12.18	4.4278	53.93
495	85020120120	ELECTRODO TIP.E6013 2MM DIAMT	4	0.00	2.7171	0.00
496	85020120130	ELECTRODOS SERIE 60 3X1/8"	4	0.00	2.7270	0.00
497	85021040430	ELECTRODO 4 MM FUNDICION	4	6.10	4.6128	28.14
498	85022040030	ELECTRODOS	4	0.00	4.0128	0.00
499	85022040040	ELECTRODOS P/RECUBR.DUROS	4	0.00	15.2428	0.00
500	85072040040		4	0.00	9.3034	0.00
501	85092040040		4	0.00	6.2634	0.00
502	85291120150	TOMA CORRIEN.BIPOLAR 5A 220W	1	0.00	1.1508	0.00
503	85301310060	CABLE COBRE P/L/AEREAS 1,05MM	3	65.00	1.0964	71.27
504	85302222300	CABLE 2 x 1 mm.	3	0.00	0.3799	0.00
505	85302620450	CABLE DE COBRE C/AISLAC.CAUCHO	3	28.00	3.4020	95.26
506	85302620750	CABLE DE COBRE P/380V 50 MM	3	29.50	30.0525	886.55
507	85302620800	CABLE COBRE P/380V 70 MM	3	60.90	14.4669	881.03
508	85302620850	1	3	39.29	0.1391 #	5.47
509	85304110250	CABLE DE COBRE REVEST. AMIANTO	3	0.00	0.1391 #	0.00
510	85307520520	CABLE COBRE DIAM.0,30MM.ROJO	3	0.00	0.1100	0.00
511	85307520700	CABLE COBRE DIAM.0,40MM.NEGRO	3	0.00	0.2206	0.00
512	85307520800	CABLE COBRE DIAM.0,40MM.NEGRO	3	5.00	0.1571	0.79
513	85307520900	CABLE COBRE 24 ALAMBRES,NEGRO	3	0.00	0.2100	0.00
514	85307521030	CABLE COBRE AISLAD/PVC 0,85MM	3	13.00	1.3133	17.07
515	85307521610	CABLE COB.AIS/PVC UNIP. 0.40MM	3	0.00	3.0858	0.00
516	85313520600	CARTUCHO FUSIBLE 80A 250V	1	0.00	9.4608	0.00
517	85313520770	CARTUCHO FUSIBLE 150A	1	36.00	15.0494	541.78
518	85313520850	CARTUCHO FUSIBLE 400A 250V	1	98.00	27.2190	2667.46
519	85314320470	LAMINA FUSIBLE 80 A	1	0.00	0.2071	0.00
520	85314320600	LAMINA P/CARTUCHO 150A 250V	1	60.00	1.3335	80.01
521	85314320950	LAMINA FUSIBLE 400 A	1	0.00	0.8666	0.00
522	85317420020	TERMINAL P/INDENTAR	1	3.00	0.0307	0.09

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Cantidades al: 31/08/94
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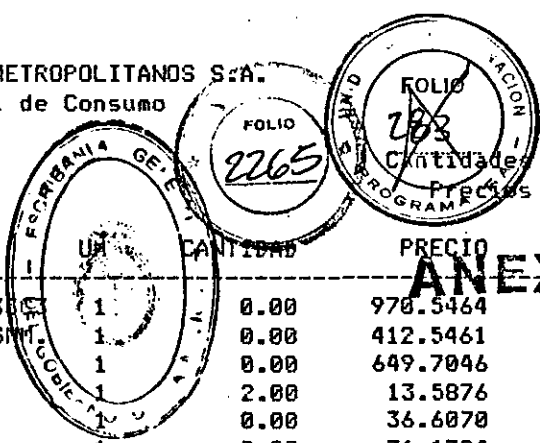
ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE
523	85317420180	TERMINAL 16 mm.	1	0.00	0.00
524	85317420250	TERMINAL P/INDENTAR 5/16 PULG.	1	19.00	1.90
525	85317420280	TERMINAL 35MM	1	6.00	4.70
526	85317420350	TERMINAL P/INDENTAR 3/8 PULG.	1	11.00	1.65
527	85317420500	TERMINAL P/INDENTAR 3/8 PULG.	1	0.00	0.00
528	85317420700	TERMINAL P/INDENTAR 1/2 PULG.	1	0.00	0.00
529	85317420750	TERMINAL P/INDENTAR 1/2 PULG.	1	0.00	0.00
530	85317510100	UNIONES COB P/IND. CONEC. 2,5MM2	1	50.00	4.95
531	85318610400	ARRANCADOR 40W 200V	1	0.00	0.00
532	85320243800	LAMPARA ELECT. 75V. 50W.	1	0.00	0.00
533	85320243850	LAMPARA ELECT. 75V. 25W.	1	58.00	161.66
534	85320268040	LAMPARA ELECT. 24V. 20W.	1	0.00	0.00
535	85320343210	LAMP. DE 220VX 60W	1	0.00	0.00
536	85320343310	LAMPARA 75 W 220 V	1	74.00	74.19
537	85320343410	LAMP/AMP/FOR/PERA 220V 100W	1	58.00	47.88
538	85320343600	LAMP/AMP/FOR/PERA 220V 200W	1	1.00	1.00
539	85320348200	LAMPARA	1	0.00	0.00
540	85323550250	LAMP. MERCURIO 220V 250W	1	0.00	0.00
541	85323550400	LAMP/MERCUR AMP/BALON 220V400W	1	21.00	331.73
542	85324820100	LAMP/TUR. LUZ DE DIA 220V 40W	1	1.00	1.33
543	85325820500	LAMP/P/LINT. SENAL 5/8V 0.25A	1	63.00	17.05
544	85328570500	UNIDAD SELLADA 30V 200W	1	315.00	10352.85
545	85330511100	P/LAMPARAS P/CANO DE 19MM.	1	1.00	8.57
546	85330520250	PORTALAMPARA	1	0.00	0.00
547	85335510150	LINTERNA DE 3 ELEMENTOS	1	1.00	19.13
548	85600120050	LADRILLOS REFLECTARIO	1	50.00	76.70
549	85603520280	TIERRA REFRACTARIA	4	45.00	11.73
550	85606330250	CARTON DE AMIANTO EN PLANCHA	6	7.75	241.99
551	85611611400	MATERIAL PRENSADO A BASE PAPEL	4	0.00	0.00
552	85611911020	PRESPAN 1MM	4	0.00	0.00
553	85615030200	CINTA AISL/TEX/C/ADHESIVO 10M	1	0.00	0.00
554	85615040200	CINTA 19,1 MM	1	0.00	0.00
555	85615320110	CINTA AISL. COL/NEGRO DE 20M.	1	0.00	0.00
556	85615320200	CINTA AISLADORA PVC	1	0.00	0.00
557	85615320250	CINTA AISLADORA PLAST. VERDE	1	0.00	0.00
558	85615320400	CINTA AISL. COL/AMARIL. DE 20MTS	1	0.00	0.00
559	85615320500	CINTA AISLADORA AZUL	1	0.00	0.00
560	85615320550	CINTA AISLADORA PVC GRIS	1	0.00	0.00
561	85752310300	PAPEL PARA JUNTA COMUN ACEITAG	4	0.00	0.00
562	85933520700	ROLLO DE CINTA PARA ENMASCARAR	1	0.00	0.00
563	85933520750	CINTA ADHESIVA DE PAPEL	1	0.00	0.00
564	86000110330	ESTAND 33% PLOMO 67%	4	1.60	0.00
565	86005415810	CABO PARA MARTILLO DE MANO	1	0.00	0.00
566	86390250380	1	1	5.00	9.74
567	86390250580	BROCA HELICOIDAL 3MM DIAMETRO	1	0.00	0.00
568	86390250780	BROCA HELICOIDAL 4 MM DIAMETRO	1	1.00	1.44
569	86390250980	BROCA HELICOIDAL 5MM DIAMET.	1	0.00	0.00
570	86390251180	BROCA HELICOIDAL	1	2.00	3.39
571	86390251260	BROCA 6,3 MM	1	7.00	35.84
572	86390251280	BROCA 6,4 MM	1	8.00	64.33
573	86390251300	BROCA HELICOIDAL 6.50MM DIAMET	1	5.00	9.47
574	86390251420	BROCA HELICOIDAL 7,10	1	1.00	1.80
575	86390251500	BROCA HELICOIDAL 7.50MM DIAME	1	9.00	23.72
576	86390251580	BROCA 7,9 MM	1	3.00	24.51
577	86535013010	HOJA DE SIERRA	1	0.00	0.00
578	86535013030	HOJAS SIERRA P/METALES	1	8.00	4.17
579	86550519600	RODAMIENTO DE 40X80X24MM	1	0.00	0.00
580	86552214500	RODAMIENTO EQ. SKF NU326EMC4	1	0.00	0.00

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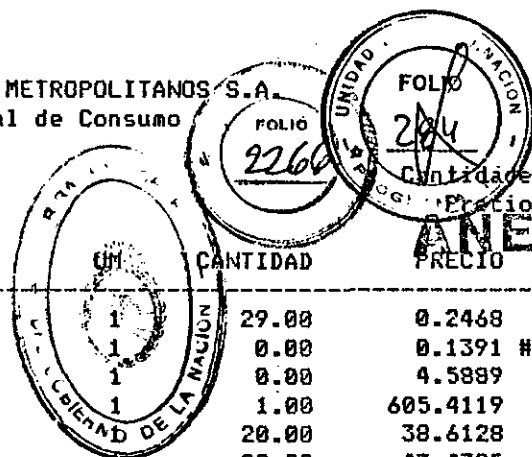


ANEXO

#####	NUM	DESCRIPCION	CANTIDAD	PRECIO	IMPORTE	
581	86553015300	RODAMIENTO EQ. SKF22324 CW305	1	0.00	970.5464	0.00
582	86553015750	2H.ROD.ESF.A ROT:140X210X53MM	1	0.00	412.5461	0.00
583	86553114340	RODAMIENTO SKF 22326 CK.C3	1	0.00	649.7046	0.00
584	87500122900	BUJE GUIA	1	2.00	13.5876	27.18
585	87500523350			0.00	36.6070	0.00
586	87709011520	PINZA PORTAELECTRODO	1	0.00	31.1384	0.00
587	87759111150	INYECTOR DIFUSOR	1	0.00	978.5461	0.00
588	87759821430	TUBO DE VIDRIO DIAM.14,3 mm	3	5.00	1.6400	8.20
589	89020720050	BARRA DE BRONCE 1 5/8"	4	0.00	20.6892	0.00
590	89020720950	BARRAS DE BRONCE 1 1/2"	4	0.00	1.1804	0.00
591	89048621720	LATON EXAG. DE 5/8"	4	17.20	6.0158	103.47
592	89068621860	BRONCE BARRA EXAGONAL 25,3995	4	14.40	7.3392	105.68
593	89068622160	BRONCE BARRA EXAGONAL 46 MM	4	16.50	0.1391 #	2.30
594	89068623340	LATON RED.60/40 7/9" 22,22 mm.	4	6.50	7.2389	47.05
595	89068623380	BRONCE EN BARRA 25,4 MM	4	15.70	4.9730	78.08
596	89068623540	BRONCE EN BARRA 1 7/8"	4	0.00	4.9730	0.00
597	89068623600	BRONCE BARRA CIRC. 57 MM	4	22.50	21.0200	472.95
598	89100511000	PLOMO CALID. NEFA9-GRAD.C 99,9	4	2.50	6.6818	16.70
599	89110171750	ARANDELAS 5/16	4	0.00	3.5493	0.00
600	89112731800	ARAND.DE PRESION DIA.I.22,7 mm	4	0.00	4.1188	0.00
601	89112731950	ARAND.PRESION DIA.INT.32,6 mm.	4	0.00	31.3700	0.00
602	89128532130	BULONES CAB.EXAG.LONG.76mm.	4	0.00	2.6977	0.00
603	89128532660	BULONES CAB.EXAG.LONG.25mm.	4	0.00	3.0079	0.00
604	89128532720	BULON	4	0.00	4.3762	0.00
605	89128532740	BULONES CAB.EXAG.LONG.50mm.	4	0.00	2.5742	0.00
606	89128532780	BULONES CAB.EXAG.LONG.63mm.	4	0.00	3.9102	0.00
607	89128532800	BULON DIA. 12,7X70MM DE LARGO	4	0.00	6.9444	0.00
608	89128532890	BULONES CAB.EXAG.LONG.110mm.	4	0.00	2.7493	0.00
609	89128533470	BULON CABEZA Y TUERCA EXAGONAL	4	0.00	4.0105	0.00
610	89128533500	BULONES CAB.EXAG.LONG.NOM.50mm	4	0.00	3.5525	0.00
611	89128533560	BULONES CAB.EXAG.LONG.63mm.	4	0.00	2.5742	0.00
612	89128533620	BULONES CAB.EXAG.LONG.76mm.	4	0.00	4.0777	0.00
613	89128533710	BULONES CAB.EXAG.LONG.100mm.	4	0.00	4.4278	0.00
614	89128534370	BULONES CAB.EXAG.LONG.50mm.	4	0.00	4.4278	0.00
615	89128534490	BULONES CAB.EXAG.LONG.76mm.	4	0.00	4.4278	0.00
616	89128535390	BULONES CAB EXAG.LONG.63mm.	4	0.00	4.6645	0.00
617	89128535840	BULON CABEZA Y TUERCA EXAGONAL	4	0.00	5.0131	0.00
618	89128536320	BULONES CAB EXAG.LONG.25,4mm.	4	0.00	3.4892	0.00
619	89155531300	PASADOR 0,9 MM	1	50.00	0.1391 #	8.07
620	89155532250	PASADOR ALETA	1	136.00	0.0115	1.56
621	89155532750	PASADOR	1	59.00	0.0268	1.58
622	89182911050	TACHUELA F/LNA	4	0.00	0.0000 +	0.00
623	89200513950	TORNILLOS	1	364.00	0.0170	6.19
624	89220312810	TORNILLOS	1	32.00	0.1006	3.22
625	89242032800	TORNILLOS PARKER	1	3.00	0.1541	0.46
626	89260521000	CADENAS DIAM.2,5 INT.12,5	4	0.00	28.7105	0.00
627	89291910400	CABO FIBRA FORMIO DE 6MM	4	0.00	10.4597	0.00
628	89330150050	BANDERA ARGENTINA S/SOL	1	2.00	5.5452	11.09
629	89331250300	BANDERA ROJA	1	0.00	24.1004	0.00
630	89336154000	FFIELTRO LANA ESP.3mm L.38mm	3	45.00	2.4274	109.23
631	89336154600		1	0.00	1.3508	0.00
632	89340331350	LIMA CUADRADA	1	2.00	48.0775	96.16
633	90003620000	ZAPATA DE FRENO	1	140.00	18.0473	2526.62
634	90009490000	BRAZO ARTICULADO	1	16.00	48.1090	769.74
635	90025120000	DIAFRAGMA	1	3.00	0.1391 #	0.42
636	90026360000	JUNTA	1	0.00	8.5468	0.00
637	90026630000	TUERCA	1	2.00	0.1391 #	0.29
638	90027130000	AR	1	10.00	2.2531	22.53

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Cantidades al: 31/08/94
Precios al: 31/07/94

#####	NUM	DESCRIPCION	UM	CANTIDAD	PRECIO	IMPORTE
639	90027150000	ANILLO "O'13/16	1	29.00	0.2468	7.16
640	90028000000	JUNTA	1	0.00	0.1391 #	0.00
641	90028530000	GRIFO P/DRENAJE ACEITE	1	0.00	4.5899	0.00
642	90029580000	VALVULA SEGURIDAD	1	1.00	605.4119	605.41
643	90029960000	DIAFRAGMA CHICO	1	20.00	38.6128	772.26
644	90029970000	DIAFRAGMA GRANDE	1	22.00	43.4395	955.67
645	90030200007	VALVULA HS4	1	0.00	276.8902	0.00
646	90036270000	JUNTA	1	2.00	2.2058	4.41
647	90041670000	JUNTA	1	7.00	2.2058	15.44
648	90042130000	JUNTA DEL FILTRO	1	2.00	0.1203	0.24
649	90050030000	JUNTAS GS 80	1	17.00	0.1391 #	2.36
650	90054430000	GRAMPAS P/ISAVALVULAS	1	4.00	26.0683	104.27
651	90062470000	EMPAQUETADORA	1	4.00	24.4295	97.72
652	90077120000	VALVULA	1	1.00	1396.0628	1396.06
653	90077700000	EMPAQUETADURA TAPA P/PISTON	1	25.00	30.0600	751.50
654	90088250000	ZAFATAS FRENO GE	1	28.00	5.1259	143.53
655	90108710000	MANGA DE FRENO	1	0.00	80.2333	0.00
656	90197570000	BATERIA TIPO PLOMO-ACIDO	1	1.00	4443.7391	4443.74
657	90197570007	BATERIAS	1	0.00	888.7478	0.00
658	90197630000	PALETA P/LIMP. 457 MM	1	0.00	9.1147	0.00
659	90197830000	CERRADURA MANO IZQUIERDA	1	1.00	124.3884	124.39
660	90197840000	CERRADURA M/DERECHA COMP.	1	4.00	124.3884	497.55
661	90199900000	RELEVADOR G.R.	1	2.00	100.2630	200.53
662	90199940000		1	0.00	10.0262	0.00
663	90199990000	RELE	1	1.00	99.1310	99.13
664	90348000000	MOTOR LIMP. NEUMATICO	1	7.00	35.0920	245.64
665	90348000007	MOTOR LIMPIA PARABRISA	1	0.00	7.0184	0.00
666	90391650000	PARAGOLPE NORMAL A FRICCION	1	0.00	104.0861	0.00
667	90502350000	MANGA DE GOMA COMPLETA	1	19.00	35.0920	666.75
668	90502400000	ARANDELA DE GOMA P/CUERPO.ACOP.	1	7.00	1.2031	8.42
669	90505630000	LLAVE P/ZAPATA	1	0.00	4.2019	0.00
670	90615120000	JUNTA	1	0.00	4.2232	0.00
671	90615200000	JUNTA DE LA TAPA	1	1.00	1.9030	1.90
672	90615210000	JUNTA	1	10.00	0.2866	2.87
673	90615270000	JUNTA	1	287.00	1.9735	566.39
674	90615290000	JUNTA E/CAB.Y TAPA BAJA PRESI.	1	141.00	1.1248	158.60
675	90621230000	ANILLO	1	3.00	1.6242	4.87
676	90621240000	SELLO INF.DE CILINDRO	1	0.00	4.7345	0.00
677	90621250000	CODO DE SALIDA DE AGUA	1	1.00	0.1391 #	0.14
678	90645790000	CONDUCTO AIRE FLEXIBLE	1	0.00	100.2630	0.00
679	91305410000	JUNTA ENTRE FILTRO Y CUERPO	1	4.00	8.4158	33.66
680	91305650000	LAMPARA BAY.30W-75V	1	0.00	2.9076	0.00
681	91307230000	CONECTOR PARA CABLE 1100/24	1	12.00	58.1525	697.83
682	91307500000	TAPON C.CUAD.DREN.ACEITE	1	2.00	0.3050	0.61
683	91308200000	ARO ROSCA ACEITE 030"	1	2.00	0.1391 #	0.28
684	91308210000	ARO ROSCA ACEI.S/MED.DIA.060"	1	6.00	0.1391 #	0.83
685	91308350000	ACOPLAMIENTO FLEXIBLE COMP.	1	1.00	1620.0790	1620.08
686	91309250000	JUNTA	1	4.00	0.7018	2.81
687	91309320000	RECTIFICADOR 5 PLACAS 0,6AS0V.	1	1.00	5.0131	5.01
688	91309700000	MANGUITO DE GOMA P/CABLE 1100	1	5.00	0.1391 #	0.70
689	91309840000	NUCLEO P/RADIADOR	1	6.00	2342.5462	14055.28
690	91309840007	NUCLEO DEL RADIADOR	1	0.00	468.5092	0.00
691	91309940000	INTERLOCK AUX.2NO-2NC.	1	0.00	0.1391 #	0.00
692	91310020000	LAMPARA BAYONETA 6W-80V.	1	170.00	2.9190	496.23
693	91311100000	INTERRUPTOR ROTATIVO	1	0.00	10.0262	0.00
694	91311260000	RECTIFICADOR CARGA BATERIA	1	1.00	419.4568	419.46
695	91311260007	RECTIFICADOR	1	0.00	83.8913	0.00
696	91311620000	RESISTATO	1	1.00	0.1600	0.16

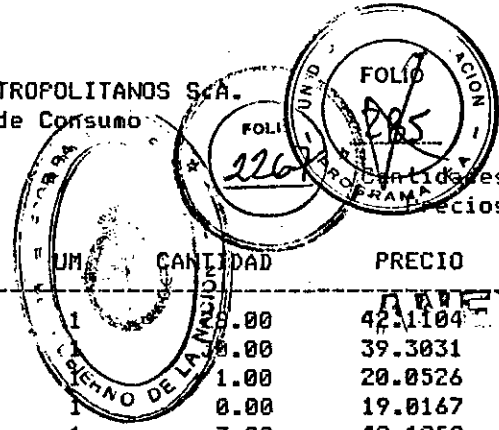
FERROCARRILES METROPOLITANOS S.A.
Material de Consumo

Emisión: 10/11/94

Página: 13

Línea : 21 ROCA

Almacén: 213461 DEPOSITO BASE TOLOSA



#####	NUM	DESCRIPCION	UNIDAD	CANTIDAD	PRECIO	IMPORTE
697	91313040000	INTERRUPTOR 15A.74V.	1	0.00	42.1104	1179.09
698	91313050000	INTERRUPTOR 30A.74V.	1	0.00	39.3031	1179.09
699	91313060000	INTERRUPTOR 30A.75V.	1	1.00	20.0526	20.05
700	91313070000	LLAVE TERMICA 3,5 A	1	0.00	19.0167	0.00
701	91313080000	INTERRUPTOR 40A.74V.	1	3.00	40.1052	120.32
702	91313090000	INTERRUPTOR 15A.74V.	1	2.00	10.0262	20.05
703	91313110000	JUNTA	1	0.00	10.0262	0.00
704	91314870000	FILTRO	1	198.00	31.2039	6178.37
705	91316110000	CAJA COLADORES ACEITE COMP.	1	0.00	13708.1036	0.00
706	91316140000	FILTRO A CARTUCHO	1	0.00	11.4001	0.00
707	91316150000	ESCOBILLA DE CARBON	1	263.00	11.8310	3111.55

Subtotal Almacén 645626.92

15901

Total Listado 12950455.58

Unidades de Medidas:

Precios:

- 1 = Unidades
- 3 = Metros
- 4 = Kilogramos
- 5 = Litros
- 6 = Metros Cuadrados
- 8 = Metros Cúbicos
- 9 = Toneladas
- 11 = Gramos
- 12 = Centímetros Cúbicos

- * = NUM no esta en precario: 11
- + = NUM sin precio en precario: 5841
- # = Precio \$ 0.1391: 1032

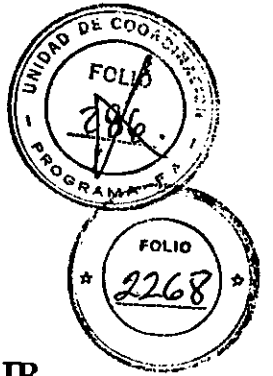
Cantidades:

- Items con cantidad: 9002
- Items sin cantidad: 6899

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GRUPO DE SERVICIOS 4

ANEXO XXII



INVENTARIO DE ORGANOS DE PARQUE A TRANSFERIR

Los listados de este Anexo, preparados por FE.ME.SA., contienen el detalle de todos los materiales en giro de reparación (denominados Organos de Parque) existentes en cada ubicación geográfica dentro de las áreas de la Concesión y/o talleres de terceros.

Los listados que integran este inventario preliminar serán suscriptos por el Ing. Aquiles Galassi, en representación de FE.ME.SA. y por el Ing. José Ramón Jorba, en representación del Concesionario. Dicho inventario será revisado a partir de la Toma de Posesión por una comisión técnica integrada por representantes de FE.ME.SA. y del Concesionario, para determinar cuáles son los materiales a ser reparados, cuáles deben ser descartados por irreparables y cuales son aquellos que deben pasarse al inventario de los almacenes.

Una vez producida esta depuración, se confeccionará un inventario definitivo con los Organos de Parque que efectivamente se transfieren al Concesionario. Este inventario será valorizado a la fecha de transferencia por la comisión técnica mencionada previamente.

No se valorizará en el inventario transferido al Concesionario las unidades que; en razón de haberse superado la vida útil de los elementos instalados, deben ser reemplazados por el Concesionario en forma inmediata. FEMESA y el Concesionario determinarán las unidades que deban considerarse en este caso.

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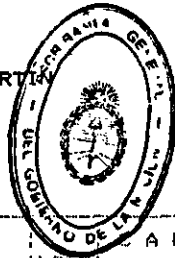
LISTADO GENERAL DE ORGANOS DE PARQUE



ANEXO

Listado Emitido el: 10-11-94
A las: 15:06

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3461) - DEPOSITO BASE TOLOSA
SECTOR : (1) - ALMACEN TOLOSA



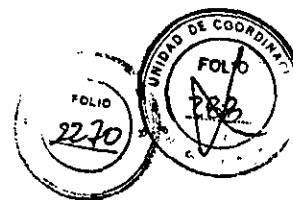
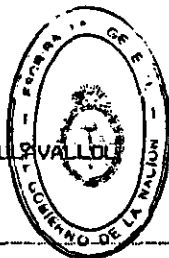
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN					
			CENSAL	ACTUAL								
00810102530	CAJA DE EJE SIMPLE	1	1		ESTADO NORMAL DE USO	BUENO	68	69				
		2										
00810106010	RESORT.SIMPL.SUSP.MESA FLOT.	1	7		ESTADO NORMAL DE USO	SIN USO	69					
		2										
00810106350	RESORT.P/SUSP.ZONA EJE LIBRE	1	9		ESTADO NORMAL DE USO	SIN USO	69					
		2										
00810106630	AMORTIGUADOR P.SUSP.L.DER.E IZ	1	5		ESTADO NORMAL DE USO	SIN USO	67	73				
		2										
00830204350	CILINDRO COMPLETO:	1	12		ESTADO NORMAL DE USO	BUENO	67	73				
		2										
00830303570	PISTON	1	3		ESTADO NORMAL DE USO	BUENO	67	73				
		2										
00850614010	VALVULA	1	12		ESTADO NORMAL DE USO	SIN USO	68	69	73			
		2										
00860300430	LLAVE ROTATIVA 30 A 230 V.	1	16		ESTADO NORMAL DE USO	SIN USO	67	68	69			
		2										
00860300570	LLAVE ROTATIVA CEBAR-ARRANQUE	1	16		ESTADO NORMAL DE USO	SIN USO	68					
		2										
00860913110	RESISTENCIA DE CARGA DE BATERIA	1	1		ESTADO NORMAL DE USO	SIN USO	66	74				
		2										
00870106870	PORTA ESCOBILLA COMPLETO	1	5		ESTADO NORMAL DE USO	SIN USO	69					
		2										
00870802910	PORTAESCOBILLA M/T	1	10		ESTADO NORMAL DE USO	SIN USO	69					
		2										
00870811250	PINON DE 16 DIENTES	1	8		ESTADO NORMAL DE USO	SIN USO	68	69				
		2										
00870811910	LURRICADOR A MECHA COMPLETO	1	4		ESTADO NORMAL DE USO	SIN USO	67	68				
		2										
90030200000	VALVULA CTRL.	1	2		ESTADO NORMAL DE USO	SIN USO	67	68	69			
		2										
91312790000	PISTON	1	3		ESTADO NORMAL DE USO	BUENO	68	69				
		2										
91312800000	S/D	1	2		ESTADO NORMAL DE USO	BUENO	68	69				
		2										
91312810000	S/D	1	3		ESTADO NORMAL DE USO	BUENO	68	69				
		2										

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LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 18-11-94
A las: 13:06

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3414) - DEPOSITO COCHES ELECTRICOS LA VALLE
SECTOR : (5) - CARROCERIA



ANEXO

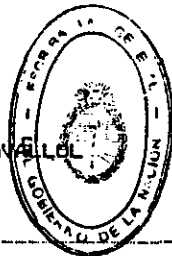
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN						
			CENSAL	ACTUAL									
41223000250	MARCO VENTANA SUPERIOR	1	164		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41223000660	MARCO VENTANA INFERIOR	1	230		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41223001220	PERSIANA	1	34		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41224000440	COLCHON ASIENTO CONDUCTOR	1	0		A ESPERA DE REPARA.	BUENO	20						
		2											
41224002020	COLCHON COMPLETO	1	0		A ESPERA DE REPARA.	BUENO	20						
		2											
41224005300	APOYA BRAZO	1	0		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41224005580	APOYA BRAZO	1	0		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41224005800	RESPALDO DEL ASIENTO	1	0		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41224006150	ASIENTO TAPIZADO	1	0		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41224012100	COLCHON ASIENTO SIMPLE	1	0		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41224012120	COLCHON ASIENTO RESP.IND.FIJO	1	0		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41224015640	COLCHON COMPLETO	1	0		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											
41228002000	MARCO DE PROPAGANDA	1	34		A ESPERA DE REPARA.	BUENO	20	21	22				
		2											

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LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 13:04

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3414) - DEPOSITO COCHES ELECTRICOS LLAVE LLCL
SECTOR : (4) - ELECTRICO



ANEXO

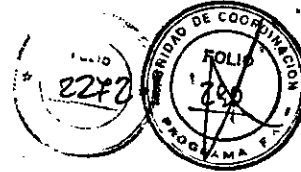
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
41233015000	ENGA-FLO PARTE ELECT	1	2		ESTADO NORMAL DE USO	BUENO	20				
		2									
41233015780	ENGA-FLO AUTOMAT.	1	3		A ESPERA DE REPARA.	REGULAR	21				
		2									
41233020000	LLAVE ACOPLA	1	3		ESTADO NORMAL DE USO	BUENO	20				
		2									
41250100050	BARQUILLO PANTOGRAFO	1	10		ESTADO NORMAL DE USO	BUENO	21				
		2									
41250713000	CONECTOR	1	3		ESTADO NORMAL DE USO	BUENO	20				
		2									
41260332750	CONTACTOR SRCA 3631-2	1	2		A ESPERA DE REPARA.	BUENO	20	21	22		
		2									
41260700030	CONTROL DE MARCHA	1	2		ESTADO NORMAL DE USO	BUENO	20				
		2									
41262103340	CONTACTOR	1	1		A REVISAR	SIN USO	21				
		2									
41262104520	CONTACTOR CMK	1	4		A ESPERA DE REPARA.	BUENO	21				
		2									
41270103710	CONTACTOR SR 89 M.A.M.K.2	1	2		A ESPERA DE REPARA.	BUENO	21				
		2									
41271700010	VENTILADOR SALON	1	5		ESTADO NORMAL DE USO	BUENO	20	21	22		
		2	37		A REVISAR	REGULAR	20	21	22		
		3									
41271702000	VENTILADOR DE CABINA	1	6		ESTADO NORMAL DE USO	BUENO	20				
		2	2		A REVISAR	REGULAR	20				
		3									
41272600020	ARTEFACTO DE LUZ	1	70		ESTADO NORMAL DE USO	BUENO	20	21	22		
		2	38		A REVISAR	REGULAR	20	21	22		
		3									
41273400020	BOTONERA COMANDO DE PUERTA	1	12		ESTADO NORMAL DE USO	BUENO	20	21	22		
		2									
41280109780	MOTOR COMPLETO	1	11		A ESPERA DE REPARA.	REGULAR	21				
		2									
41671505000	LLAVE	1	6		A REVISAR	SIN USO	21				
		2									

AD

4

Listado Emitido el: 10-11-94
A las: 15:04

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3414) - DEPOSITO COCHES ELECTRICOS LLAVE LLDT
SECTOR : (3) - LABORATORIO ELECTRON



ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
90765480000	CONTROL RELAY AR 221-S.1 110 V	2	13	---	ESTADO NORMAL DE USO	BUENO	20	21	22		
		3	32	---	A REVISAR	BUENO	20	21	22		
		4		---							
90765580000	CONTROL RELAY	1	7	---	A ESPERA DE REPARA.	BUENO	20	21			
		2		---							

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LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 15:04

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3414) - DEPOSITO COCHES ELECTRICOS LLAVALLOL
SECTOR : (3) - LABORATORIO ELECTRON



ANEXO

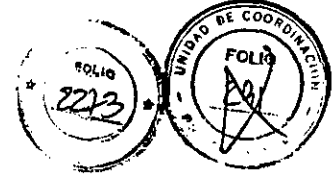
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
90765480000	CONTROL RELAY AR 221-S.1 110 V	2	13		ESTADO NORMAL DE USO	BUENO	20	21	22		
		3	32		A REVISAR	BUENO	20	21	22		
		4									
90765580000	CONTROL RELAY	1	7		A ESPERA DE REPARA.	BUENO	20	21			
		2									

AD

→

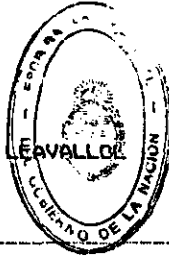
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LISTADO GENERAL DE ORGANOS DE PARQUE



Listado Emitido el: 10-11-94
A las: 15:03

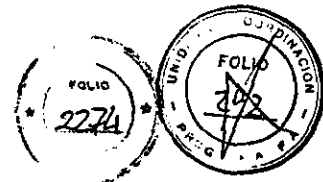
GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3414) - DEPOSITO COCHES ELECTRICOS
SECTOR : (3) - LABORATORIO ELECTRON



ANEJO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN		
			CENSAL	ACTUAL					
41252101000	COLUMNA DE TIRISTO	1	50		A ESPERA DE REPARA.	BUENO	21		
41252103850	CONJUNTO UNIDAD DE CONTROL	1	11		A ESPERA DE REPARA.	BUENO	21		
		2	1		A ESPERA DE REPARA.	SIN USO	21		
		3	5		A ESPERA DE REPARA.	BUENO	21		
		4	1		A ESPERA DE REPARA.	BUENO	21		
		5							
41260304500	GAVETA	1	4		A ESPERA DE REPARA.	BUENO	21		
		2	1		A ESPERA DE REPARA.	MALO	21		
		3							
41260330470	RELEVADOR PANR.2	1	3		REPARADO	BUENO	21		
		2							
41260331210	TEMPORIZADOR MTTD	1	9		REPARADO	BUENO	21		
		2							
41260332290	DETECTOR VOLTAJE VD	1	2		REPARADO	BUENO	21		
		2							
41260335750	RELE DE TIEMPO	1	0		REPARADO	BUENO	20		
		2							
41260344020	RELAY DOOR.2	1	1		REPARADO	BUENO	20 21		
		2	3		REPARADO	REGULAR	20 21		
		3							
41261503740	PANEL DE RELEVAD. CONT.PRINCIP	1	2		A ESPERA DE REPARA.	BUENO	20		
		2							
41261504140	CONTROL RELAY AR.221-S.1 48 V.	1	1		A ESPERA DE REPARA.	SIN USO	20		
		2							
41261505900	CONTROL ESTATICO	1	3		A ESPERA DE REPARA.	BUENO	20		
		2							
41261510660	RELEVADOR	1	4		A ESPERA DE REPARA.	BUENO	20		
		2							
41261511720	DISPOSITIVO	1	0		REPARADO	BUENO	20		
		2							
41261700010	GAVETA	1	4		A ESPERA DE REPARA.	BUENO	21		
		2	12		A ESPERA DE REPARA.	MALO	21		
		3							
41261708000	GAVETA COMPLETA	1	6		A ESPERA DE REPARA.	BUENO	21		
		2	1		A ESPERA DE REPARA.	MALO	21		
		3							
41261708240	RELEVADOR 24 V	1	4		A ESPERA DE REPARA.	BUENO	21		
		2	5		REPARADO	BUENO	21		
		3							
41261715000	ROBINA DE ATS	1	3		A ESPERA DE REPARA.	BUENO	20		
		2	1		A ESPERA DE REPARA.	MALO	20		
		3							
41262100060	RELE SOBRE CARGA	1	0		ESTADO NORMAL DE USO	BUENO	21		
		2							
41262200020	TACO	1	5		A ESPERA DE REPARA.	BUENO	21		
		2							
90764200000	TEMPORIZADOR	1	0		REPARADO	BUENO	20 21		
		2							
90765400000	CONTROL RELAY AR 221-S.1 110 V	1	00		A ESPERA DE REPARA.	BUENO	20 21 22		

LISTADO GENERAL DE ORGANOS DE PARQUE



ANEXO

Listado Emitido el: 10-11-94
A las: 13:02

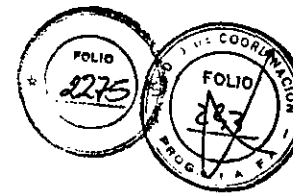
GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3414) - DEPOSITO COCHES ELECTRICOS
SECTOR : (2) - NEUMATICA



N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN		
			CENSAL	ACTUAL					
4128011500	VALVULA DESCARGA	1	3		A ESPERA DE REPARA.	BUENO	21		
4128020010	GOBERNADOR COMP. PRINC.	1	1		A ESPERA DE REPARA.	BUENO	21		
4128020500	GOBERNADOR	1	1		A ESPERA DE REPARA.	BUENO	21		
4128040020	VALVULA 26 C EMERGENCIA	1	4		A ESPERA DE REPARA.	BUENO	20	21	22
41280400720	VALVULA	1	34		A ESPERA DE REPARA.	BUENO	20	21	22
		2	8		A ESPERA DE REPARA.	REGULAR	20	21	22
4128070010	VALVULA	1	7		A ESPERA DE REPARA.	BUENO	20		
		2	6		A ESPERA DE REPARA.	MALO	20		
4128070500	VALVULA	1	4		A ESPERA DE REPARA.	BUENO	20		
41280900310	VALVULA REGULADORA NF. 3	1	1		A ESPERA DE REPARA.	BUENO	20	21	
41281001000	VALVULA DE SEG.	1	4		A ESPERA DE REPARA.	BUENO	21		
41281700020	VALVULA	1	20		A ESPERA DE REPARA.	BUENO	20		
41282015000	VALVULA	1	20		A ESPERA DE REPARA.	BUENO	20	21	
41282100020	VALVULA	1	5		A ESPERA DE REPARA.	BUENO	20		
41282200010	VALVULA	1	5		A ESPERA DE REPARA.	BUENO	20	21	22
41282500020	CONJUNTO COMPLETO	1	3		A ESPERA DE REPARA.	BUENO	20	21	22
41283301010	ACTUADOR AC. 65	1	5		A ESPERA DE REPARA.	BUENO	20		
41285000020	MOTOR DE PUERTAS	1	6		A ESPERA DE REPARA.	BUENO	20	21	22
41285100010	BOCINA	1	2		A ESPERA DE REPARA.	REGULAR	20		
41285300010	MOTOR LIMPIAPARABRISAS	1	5		A ESPERA DE REPARA.	BUENO	20		
41285400020	UNIDAD INTERFAZ	1	7		A ESPERA DE REPARA.	BUENO	20		

Handwritten signatures and initials at the bottom of the page.

LISTADO GENERAL DE ORGANOS DE PARQUE



Listado Emitido el: 10-11-94
A las: 15:02

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3414) - DEPOSITO COCHES ELECTRICOS LLAVALLO
SECTOR : (1) - ACCIDENTALES

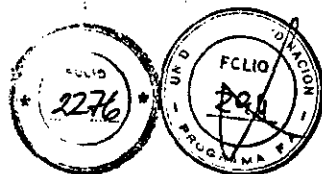


ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
41270200020	CAJA DE RESISTOR	1	1		ESTADO NORMAL DE USO	BUENO	21				
41271712500	REACTOR	1	1		ESTADO NORMAL DE USO	SIN USO	21				
		2									
41280100010	UNIDAD COMPRESORA	1	1		ESTADO NORMAL DE USO	SIN USO	21				
		2	0		A REVISAR	REGULAR	21				
		3	0		A ESPERA DE REPARA.	REGULAR	21				
		4									
41280112540	JUNTA	1	1		A REVISAR	SIN USO	21				
		2									
41283300020	CAJA DE LLAVE	1	1		A REVISAR	SIN USO	20				
41285700030	EQ. AIRE AUXILIAR AS.1	1	1		ESTADO NORMAL DE USO	SIN USO	21				
		2									
41290300010	AISLADOR	1	1		A ESPERA DE REPARA.	MALO	21				
		2									
41290400020	PARARRAYOS COMPLETO	1	2		ESTADO NORMAL DE USO	REGULAR	21				
		2	1		A ESPERA DE REPARA.	MALO	21				
		3									
41290702600	VENTILADOR DEL R.M.F.	1	1		A ESPERA DE REPARA.	BUENO	20				
		2									

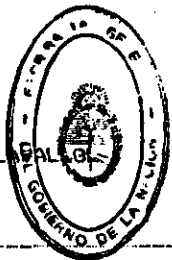
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LISTADO GENERAL DE ORGANOS DE PARQUE



Listado Emitido el: 10-11-94
A las: 15:00

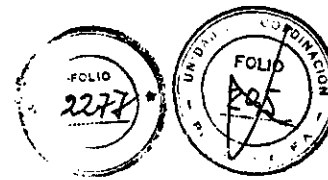
GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3414) - DEPOSITO COCHES ELECTRICOS LLANAS
SECTOR : (1) - ACCIDENTALES



ANEXO

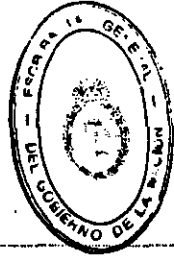
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN		
			CENSAL	ACTUAL					
41210100100	BOGGIE REMOLQUE 84038	1	0		A ESPERA DE REPARA.	SIN USO	21		
41210100160	PAR MONTADO MOT.C/CAJA ENGRANA	1	6		A REVISAR	SIN USO	20		
41210101400	DISCO DE FRENO	1	6		A REVISAR	SIN USO	21		
41210102030	RESORTE DE SUSPENSION	1	4		ESTADO NORMAL DE USO	SIN USO	20	21	22
41210102200	SUPLEMENTO RESORTE	1	13		A REVISAR	SIN USO	20	21	22
41210102230	BASTIDOR BOOGIE M TRAS.83465 5	1	0		A ESPERA DE REPARA.	SIN USO	20		
41210103150	TOPE DE GOMA	1	0		A REVISAR	SIN USO	21		
41221015000	FUELLE E/COCHES	1	4		A ESPERA DE REPARA.	MALO	20	21	22
41222000010	PUERTA CORREDIZA	1	4		A ESPERA DE REPARA.	BUENO	20	21	22
41222000030	PUERTA CORREDIZA	1	1		ESTADO NORMAL DE USO	SIN USO	20	21	22
41222014010	PUERTA FRONTAL	1	1		A ESPERA DE REPARA.	BUENO	20		
41222561010	PUERTA CAB. SALON	1	1		A ESPERA DE REPARA.	BUENO	20		
41227500010	CONJUNTO CARTEL INDICADOR	1	6		ESTADO NORMAL DE USO	MALO	20		
41228000020	CONJUNTO AGARRADERA	1	20		ESTADO NORMAL DE USO	SIN USO	20	21	22
41233002010	BARRA FIJA DE ACOPLA	1	1		A ESPERA DE REPARA.	SIN USO	20	21	22
41250108000	AISLADOR	1	5		A REVISAR	SIN USO	21		
41250108500	AISLADOR	1	1		A REVISAR	SIN USO	21		
41250700020	INTERRUPTOR	1	0		A ESPERA DE REPARA.	REGULAR	20		
41250800010	MOTOR TRACCION	1	1		A REVISAR	SIN USO	20		
41252100010	RECTIFICADOR	1	1		A ESPERA DE REPARA.	SIN USO	20		
41260334000	CAJA COMPLETA	1	1		A ESPERA DE REPARA.	SIN USO	21		
41261500010	CONTROLADOR PRINCIP.COMF.	1	2		A ESPERA DE REPARA.	SIN USO	20		
41262100020	CAJA DE VCB	1	1		A ESPERA DE REPARA.	SIN USO	21		
41270100030	MOTO ALTERNADOR	1	0		A ESPERA DE REPARA.	BUENO	21		
41270102500	CAJA CONTROL H.A.	1	1		A ESPERA DE REPARA.	SIN USO	21		
41270106410	TRANSFORMADOR CHT	1	1		ESTADO NORMAL DE USO	BUENO	21		

LISTADO GENERAL DE ORGANOS DE PARQUE



Listado Emitido el: 10-11-94
A las: 15:00

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3412) - ESTACION REVISORA LA PLATA
SECTOR : (0) - ESTACION REVISORA



ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN					
			CENSAL	ACTUAL								
27010216510	ELASTICO A BALLESTA	1	4		A ESPERA DE REPARA.	BUENO	80	81				
27051710000	BATERIA ALCALINA	2										
		1	1		ESTADO NORMAL DE USO	REGULAR	80	81				
		2	2		A ESPERA DE REPARA.	BUENO	80	81				
90223540000	PERSIANAS	3										
		1	3		ESTADO NORMAL DE USO	REGULAR	80	81				
		2										
90224530000	CRISTAL DE LUNA TEMPLADO	1	48		ESTADO NORMAL DE USO	MALO	80	81				
		2										
90224540000	CRISTAL PARA FUERTA DE ACCESO	1	72		ESTADO NORMAL DE USO	MALO	80	81				
		2										
90330750000	TABLERO REG.ALUMB.TONUM D.300	1	1		A ESPERA DE REPARA.	BUENO	80	81				
		2										

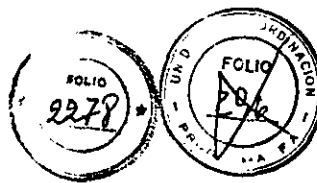
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LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:59



Pag. 1



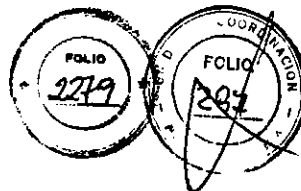
GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3405) - ESTACION REVISORA R. DE ESCALADA
SECTOR : (0) - ESTACION REVISORA

ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN					
			CENSAL	ACTUAL								
27051710000	BATERIA ALCALINA	1	0		ESTADO NORMAL DE USO	REGULAR	80	81				
		2	3		A ESPERA DE REPARA.	BUENO	80	81				
		3										
90223540000	PERSIANAS	1	15		ESTADO NORMAL DE USO	REGULAR	80	81				
		2										
90223560000	VIDRIO DE SEGURIDAD LLAMINOSO	1	0		ESTADO NORMAL DE USO	MALO	80	81				
		2										
90224530000	CRISTAL DE LUNA TEMPLADO	1	5		ESTADO NORMAL DE USO	MALO	80	81				
		2										
90224540000	CRISTAL PARA FUERTA DE ACCESO	1	127		ESTADO NORMAL DE USO	MALO	80	81				
		2										
90330750000	TABLERO REG.ALUMB.TONUM D.300	1	1		ESTADO NORMAL DE USO	REGULAR	80	81				
		2	2		A ESPERA DE REPARA.	BUENO	80	81				
		3										

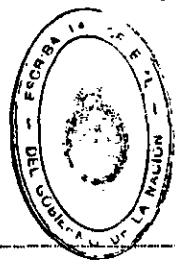
Handwritten marks and signatures at the bottom of the table, including a large 'A' and some illegible scribbles.

LISTADO GENERAL DE ORGANOS DE PARQUE



Listado Emitido el: 10-11-94
A las: 14:59

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3026) - DEPOSITO BASE TEMPERLEY
SECTOR : (1) - ALMACEN LOCAL



ANEXO

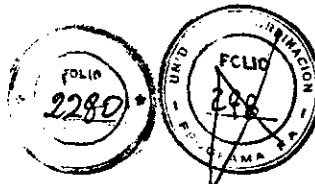
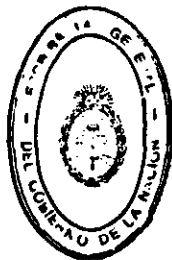
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
91309320000	RECTIFICADOR 5 PLACAS 8,6A80V.	1	3		REPARADO	BUENO	68				
		2									
91312040000	PERNO P/PISTON VACIO BAJA PRES	1	15		REPARADO	BUENO	73				
		2									

Handwritten marks: A large 'A' with a checkmark, and some scribbles.

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:58

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3026) - DEPOSITO BASE TEMPERLEY
SECTOR : (1) - ALMACEN LOCAL



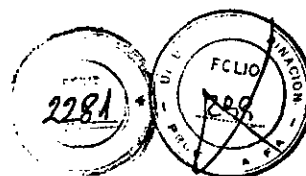
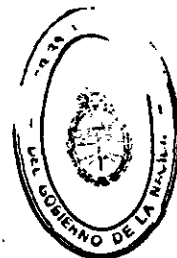
ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
00860611010	CONTACTOR FS 1-2 SHUNTADO CAMP	1	6		REPARADO	BUENO	68				
		2									
00860622010	CONTACTOR RESERVA COMPLETO	1	5		REPARADO	BUENO	68				
		2									
00860623630	CONTACTOR DE SHUNTADO	1	4		REPARADO	BUENO	68				
		2									
00860623670	CONTACTOR BF COMP.	1	4		REPARADO	BUENO	73				
		2									
00860701250	RELAY TDS COMPLETO	1	13		REPARADO	BUENO	69				
		2									
00860701270	RELE FSD.COMP.	1	4		REPARADO	BUENO	73				
		2									
00860703310	RELE PATINAJE RUEDAS 1NO-1NC	1	20		REPARADO	BUENO	69				
		2	5		A ESPERA DE REPARA.	BUENO	68				
		3									
00860703350	RELE PATINAJE RUEDAS 1NO-1NC.	1	5		REPARADO	BUENO	68				
		2									
00860706030	RELE P/USO GRAL.	1	1		REPARADO	BUENO	73				
		2									
00860711050	RELAY FTR COMPLETO.	1	4		REPARADO	BUENO	69				
		2									
00860715510	RELE DE PATINAJE.	1	9		REPARADO	BUENO	68				
		2									
00860716750	RELAY FPR P/G.12	1	13		REPARADO	BUENO	69				
		2									
00860716770	RELE FOR REV	1	4		REPARADO	BUENO	69				
		2									
00860717870	RELE FPC.CONTROL BOMBA COMBUST	1	5		REPARADO	BUENO	68				
		2									
00860719510	RELE PR.DE TRANSICION PL.5429	1	13		REPARADO	BUENO	68				
		2									
00860913110	RESISTENCIA DE CARGA DE BATERI	1	4		REPARADO	BUENO	69				
		2									
00860962590	RESIST.CAMPO 2TUBOS 0.0200HMS	1	1		REPARADO	BUENO	68				
		2									
00860962930	RESIST:RE22 2000 OHMS	1	2		REPARADO	BUENO	68				
		2									
00890500010	IMPULSOR COMP.INCRE.VENTILADOR	1	2		A ESPERA DE REPARA.	BUENO	69				
		2									
00890500030	IMPULSADOR-	1	2		REPARADO	BUENO	73				
		2									
90197570000	BATERIA TIPO PLOMO-ACIDO	1	10		REPARADO	BUENO	68	69			
		2	40		A ESPERA DE REPARA.	BUENO	68	69			
		3									
90199880000		1	3		A ESPERA DE REPARA.	BUENO	69				
		2	1		REPARADO	BUENO	68				
		3									
90645660000	INTERRUPTOR ROTATIVO 30A-230V.	1	3		REPARADO	BUENO	68				
		2									
90645790000	CONDUCTO AIRE FLEXIBLE	1	15		A ESPERA DE REPARA.	BUENO	69				

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:57

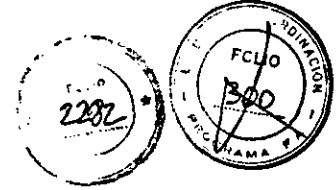
GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3026) - DEPOSITO BASE TEMPERLEY
SECTOR : (1) - ALMACEN LOCAL



ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
00810105350	GUIA PARA ADAPTADOR COMPLETO	1	21		REPARADO	BUENO	73				
		2	59		A ESPERA DE REPARA.	BUENO	73				
		3									
00810116090	RELLENO DE GOMA PARA SUSPEN	1	10		REPARADO	BUENO	73				
		2									
00810116110	TRAVESANO INF P/SUSPENSION	1	7		REPARADO	BUENO	73				
		2									
00830204330	CILINDRO COMPLETO	1	1		A ESPERA DE REPARA.	REGULAR	69				
00830206670	BUJE FLOTANTE P/PERNO BALANCIN	1	40		REPARADO	BUENO	69				
		2									
00830301950	BIELA PATIN DERECHA	1	9		REPARADO	BUENO	68	69			
		2									
00830303570	PISTON	1	12		REPARADO	BUENO	73				
		2									
00830303950	PISTON CON AROS S/M.0,76MM	1	54		REPARADO	BUENO	69				
		2	30		REPARADO	SIN USO	69				
		3									
00830303990	JUEGO DE AROS S/M	1	2		REPARADO	BUENO	68				
00830305710	PORTA PISTON	1	11		REPARADO	BUENO	68				
		2									
00830702110	BOMBA EXTRACCION ACEITE	1	5		REPARADO	BUENO	68	69			
		2									
00830800010	BOMBA COMP.LADO IZQ.P/AGUA	1	4		REPARADO	BUENO	69				
		2									
00830900010	REGULADOR ELECT.HIDRAU.COMP.	1	8		A ESPERA DE REPARA.	BUENO	68	69			
		2									
00850105430	PERNO PISTON	1	15		REPARADO	BUENO	68	69			
		2									
00850114050	VALVULA	1	70		REPARADO	BUENO	69				
		2									
00860106010	REVERSA P/4 MOTORES	1	2		REPARADO	BUENO	68				
		2									
00860201050	VACUOMETRO DOBLE	1	5		REPARADO	BUENO	69				
		2									
00860300610	LLAVE DE INDEPENDIZAR	1	6		REPARADO	BUENO	68				
		2									
00860301370	LLAVE P/CAMPO DE GENERADOR	1	54		REPARADO	BUENO	68				
		2									
00860400010	REGULADOR DE VOLTAJE COMPLETO	1	1		REPARADO	BUENO	68				
		2									
00860401050	REGULADOR VOLTAJE	1	3		REPARADO	BUENO	73				
		2									
00860404030	REGULADOR DE CARGAA, COMPLETO	1	4		REPARADO	BUENO	68	69			
		2									
00860404290	RESIST.DE 3 SECC.0,73 OHMS.	1	5		REPARADO	BUENO	69				
		2									
00860600050	CONTACTOR ARRANQUE	1	4		REPARADO	BUENO	69				
		2	2		REPARADO	BUENO	73				

LISTADO GENERAL DE ORGANOS DE PARQUE



Listado Emitido el: 10-11-94
A las: 14:57

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (MB) - S.REP Y FAB.MER.BENZ

ANEXO

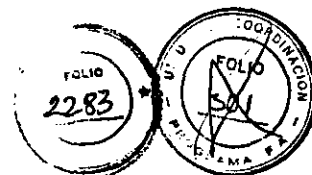
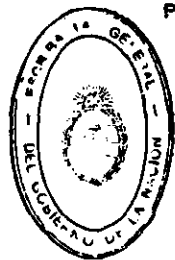
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
27140613010	BOMBA INY. M. BENZ	1	8	---	A ESPERA DE REPARA.	MALO	BY:				
		2	11	---	ESTADO NORMAL DE USO	BUENO	BY:				
		3		---							
27140616700	INYECTOR C/TOBERA COMP.	1	60	---	A ESPERA DE REPARA.	REGULAR	BY:				
		2		---							
27140714500	INTERFRIADOR A. M.BENZ	1	56	---	A ESPERA DE REPARA.	REGULAR	BY:				
		2		---							
27149000700	ACOFL. ELAST. G. COMP.	1	1	---	ESTADO NORMAL DE USO	BUENO	BY:				
		2		---							
27149000950	TECNO PERIFLEX	1	10	---	ESTADO NORMAL DE USO	BUENO	BY:				
		2		---							

Handwritten signatures and initials:
 AD
 E
 A

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:55

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (MB) - S.REP Y FAB.MER.BENZ



ANEXO

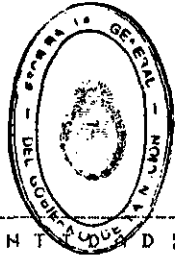
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
27140100150	MOTOR MERCEDES BENZ	1	1		ESTADO NORMAL DE USO	BUENO	8Y				
27140225010	BLOCK CILINDROS M.BENZ	1	23		A ESPERA DE REPARA.	REGULAR	8Y				
27140225590	CARCAZA C. DIST. M.BENZ	1	25		A ESPERA DE REPARA.	REGULAR	8Y				
27140226000	CARTER ACEITE M.BENZ	1	8		A ESPERA DE REPARA.	REGULAR	8Y				
		2	1		A ESPERA DE REPARA.	MALO	8Y				
		3	9		ESTADO NORMAL DE USO	BUENO	8Y				
		4									
27140226030	CULATA CIL. M.BENZ	1	54		A ESPERA DE REPARA.	MALO	8Y				
		2	29		A ESPERA DE REPARA.	REGULAR	8Y				
		3									
27140226300	CARTER INTER. M.BENZ	1	26		ESTADO NORMAL DE USO	BUENO	8Y				
		2									
27140226750	TAPA DE VALVUL. M.BENZ	1	35		A ESPERA DE REPARA.	REGULAR	8Y				
		3	1		ESTADO NORMAL DE USO	BUENO	8Y				
		4									
27140308000	CIGUEÑALES M.BENZ	1	1		ESTADO NORMAL DE USO	BUENO	8Y				
		2	16		A ESPERA DE REPARA.	REGULAR	8Y				
		3	1		A ESPERA DE REPARA.	MALO	8Y				
		4									
27140308010	CIGUEÑALES M.BENZ	1	6		A ESPERA DE REPARA.	REGULAR	8Y				
		2	6		A ESPERA DE REPARA.	MALO	8Y				
		3									
27140308020	CONTRAPESOS C. M.BENZ	1	149		A ESPERA DE REPARA.	MALO	8Y				
		2									
27140308300	AMORTIGUADOR VIB. M.BENZ	1	81		A ESPERA DE REPARA.	REGULAR	8Y				
		2									
27140308610	VOLANTE M.BENZ	1	71		A ESPERA DE REPARA.	REGULAR	8Y				
		2									
27140308700	CUBRE VOLANTE M.BENZ	1	59		A ESPERA DE REPARA.	REGULAR	8Y				
		2									
27140309000	BIELAS M.BENZ	1	204		A ESPERA DE REPARA.	REGULAR	8Y				
		2	12		A ESPERA DE REPARA.	MALO	8Y				
		3									
27140309810	PISTONES M.BENZ	1	350		A REVISAR	MALO	8Y				
		2									
27140413000	ARBOL DE LEVAS	1	17		ESTADO NORMAL DE USO	BUENO	8Y				
		2	9		A ESPERA DE REPARA.	MALO	8Y				
		3	11		A ESPERA DE REPARA.	REGULAR	8Y				
		4									
27140413040	COJ. ARBOL LEVAS M.BENZ	1	3		ESTADO NORMAL DE USO	SIN USO	8Y				
		2									
27140512000	FILTROS DE AIRE M.BENZ	1	5		ESTADO NORMAL DE USO	BUENO	8Y				
		2	7		A ESPERA DE REPARA.	REGULAR	8Y				
		3									
27140512500	MULT. ESCAPE M.BENZ	1	50		A ESPERA DE REPARA.	REGULAR	8Y				
		2									
27140512920	STENCIADORES M.BENZ	1	5		A ESPERA DE REPARA.	REGULAR	8Y				

LISTADO GENERAL DE ORGANOS DE PARQUE



Listado Emitido el: 10-11-94
A las: 14:55

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (62) - C.Y FURG.CARPINTERIA



ANEXO

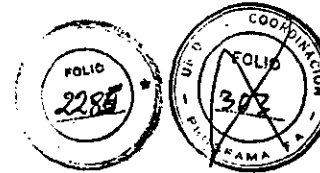
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN						
			CENSAL	ACTUAL									
90224390000	INODORO	1	2		ESTADO NORMAL DE USO	REGULAR	80	50	81				
		2											
90234400000	CONTRAMARCOS	1	315		ESTADO NORMAL DE USO	REGULAR	80	50	81				
		2											
90262870000	VIDRIO	1	570		ESTADO NORMAL DE USO	REGULAR	44	83					
		2											

AD *→* *A*

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:54

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (62) - C.Y FURG.CARPINTERIA



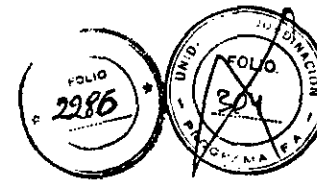
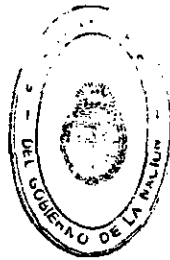
ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN		
			CENSAL	ACTUAL					
26122311910	TERMOPANEL	1	38		ESTADO NORMAL DE USO	BUENO	8Z		
		2							
26122311930	TERMOPANEL	1	71		ESTADO NORMAL DE USO	REGULAR	8Z		
		2							
26122311950	TERMOPANEL	1	58		ESTADO NORMAL DE USO	REGULAR	8Z		
		2							
26122311970	TERMOPANEL	1	15		ESTADO NORMAL DE USO	REGULAR	8Z		
		2							
26122312010	TERMOPANEL	1	5		ESTADO NORMAL DE USO	REGULAR	8Z		
		2							
26122312050	TERMOPANEL	1	10		ESTADO NORMAL DE USO	REGULAR	8Z		
		2							
27022300010	FUERTA ACC.	1	35		A ESPERA DE REPARA.	REGULAR	80	50	81
		2							
27022300030	FUERTA ACC.	1	48		A ESPERA DE REPARA.	REGULAR	80	50	81
		2							
27022301570	MARCO DE ALUMINIO	1	283		A ESPERA DE REPARA.	REGULAR	80	50	81
		2							
27022301590	MARCO DE ALUMINIO	1	250		ESTADO NORMAL DE USO	REGULAR	80	50	81
		2							
27022333350	VENTANA	1	1000		ESTADO NORMAL DE USO	REGULAR	80	50	81
		2	100		A ESPERA DE REPARA.	BUENO	80	50	81
		3							
27022342550	PERSIANA	1	562		ESTADO NORMAL DE USO	REGULAR	80	50	81
		2							
27022342590	PERSIANA	1	658		ESTADO NORMAL DE USO	REGULAR	80	50	81
		2							
27081301550	CESTO	1	60		ESTADO NORMAL DE USO	REGULAR	8J		
		2							
27122320020	MARCO	1	90		ESTADO NORMAL DE USO	REGULAR	8Y		
		2							
27122320170	COMPLEJO VITREO	1	135		ESTADO NORMAL DE USO	REGULAR	8Y		
		2							
27122330020	PERSIANA	1	52		ESTADO NORMAL DE USO	REGULAR	8Y		
		2							
27122702200	CERRADURA	1	50		A ESPERA DE REPARA.	BUENO	8Y		
		2							
41222009000	PASADORES	1	100		ESTADO NORMAL DE USO	REGULAR	20	21	22
		2							
41223001300	PERSIANAS	1	50		ESTADO NORMAL DE USO	REGULAR	20	21	22
		2							
41224005000	ASIEN TO REBATIBLE	1	30		ESTADO NORMAL DE USO	REGULAR	20	21	22
		2	121		A ESPERA DE REPARA.	REGULAR	20	21	22
		3							
41224008060	APOYA BRAZOS	1	115		ESTADO NORMAL DE USO	REGULAR	20	21	22
		2	134		A ESPERA DE REPARA.	BUENO	20	21	22
		3							
90069560000	BURLETE	1	100		ESTADO NORMAL DE USO	REGULAR	8Y		
		2							
90206200000	CONTRATAFAS	2	30		ESTADO NORMAL DE USO	REGULAR	80	50	81

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:53

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (56) - C.Y FURG.TAPICERIA



ANEXO

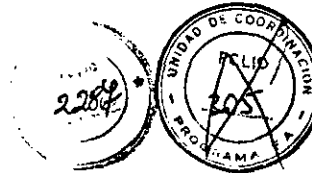
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN		
			CENSAL	ACTUAL					
27000101610	ASIENTO	1	310		A ESPERA DE REPARA.	REGULAR	00	81	50
		2	100		A ESPERA DE REPARA.	BUENO	00	50	81
		3							
27000104010	APOYABRAZOS	1	500		A ESPERA DE REPARA.	REGULAR	00	50	81
		2	68		A ESPERA DE REPARA.	BUENO	00	50	81
		3							
27000110050	ASIENTO	1	150		A ESPERA DE REPARA.	REGULAR	0Y		
		2	20		A ESPERA DE REPARA.	BUENO	0Y		
		3							
27000113010	BASE ASIENTO	1	70		A ESPERA DE REPARA.	REGULAR	00	50	81
		2							
27000117670	RESPALDO	1	70		A ESPERA DE REPARA.	REGULAR	0Y		
		2	30		A ESPERA DE REPARA.	BUENO	0Y		
		3							
27000120150	APOYA BRAZO CENTRAL	1	17		A ESPERA DE REPARA.	REGULAR	0Y		
		2							
27000122710	APOYA BRAZO LATERAL	1	50		ESTADO NORMAL DE USO	REGULAR	0Y		
		2							
27131600010	FUELLE	1	7		A ESPERA DE REPARA.	BUENO	00	50	81
		2	5		ESTADO NORMAL DE USO	REGULAR	00	50	81
		3							
27100100010	ASIENTO	1	40		A ESPERA DE REPARA.	REGULAR	0Y		
		2							
41221015000	FUELLE E/COCHES	1	2		ESTADO NORMAL DE USO	REGULAR	20	21	22
		2	3		A ESPERA DE REPARA.	BUENO	20	21	22
		3							
41224000100	RESPALDO	1	70		A ESPERA DE REPARA.	REGULAR	20	21	22
		2							
		3							
90219240000	EQUILIBRADOR P/VENTANA	1	1400		A ESPERA DE REPARA.	REGULAR	00	50	81
		2	300		ESTADO NORMAL DE USO	REGULAR	00	50	81
		3							
90439920000	RESPALDO	1	300		A ESPERA DE REPARA.	BUENO	00	50	81
		2	95		A ESPERA DE REPARA.	BUENO	00	50	81
		3							

Handwritten marks and signatures

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:52

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (34) - C.Y FURG.HOJALATERIA



ANEXO

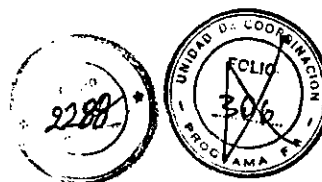
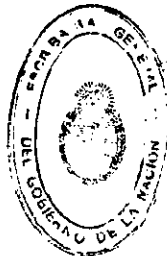
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
26170101600	VALVULA INODORO	1	9		A ESPERA DE REPARA.	REGULAR	82				
		2									
26170103200	VALVULA DE MINGITORIO	1	8		A ESPERA DE REPARA.	REGULAR	82				
		2									
27170100010	TANQUE DE AGUA	3	14		A ESPERA DE REPARA.	REGULAR	8Y				
		4									
27170102700	VALVULA F/INODORO	2	10		A ESPERA DE REPARA.	BUENO	8Y				
		3									
27170305150	PILETA DE BARD	1	7		ESTADO NORMAL DE USO	REGULAR	8Y				
		2	14		A ESPERA DE REPARA.	BUENO	80	50	81		
		3									
27170400010	FILTRIN	2	3		A REVISAR	BUENO	8Y				
		3									
83430112050	ESMALTE SINTETICO BERMELLON	1	540		ESTADO NORMAL DE USO	MALO	80	50	81		
		2									
83430310250	ESMALTE SINT.BRILL.VERDE ACEIT	1	40		ESTADO NORMAL DE USO	MALO	80	50	81		
		2									
83430313600	ESMALTE SINTETICO AZUL	1	720		ESTADO NORMAL DE USO	MALO	80	50	81		
		2									
83430315600	ESMALTE SINT. ALUMINIO PURO	1	360		ESTADO NORMAL DE USO	MALO	80	50	81		
		2									
83430513430	ESMALTE SINT.AMARILLO	1	300		ESTADO NORMAL DE USO	MALO	80	50	81		
		2									
83430510240	ESMALTE SINTETICO NEGRO	1	320		ESTADO NORMAL DE USO	MALO	80	50	81		
		2									
83492510750	REMOVEDOR	1	120		ESTADO NORMAL DE USO	MALO	80	50	81	44	
		2									

Handwritten marks and signatures at the bottom left of the page.

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:52

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (52)



ANEXO

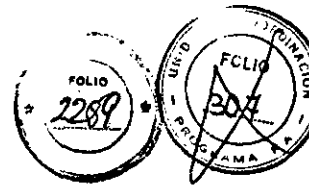
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
90080300000	RETEN DE GOMA	1	8		ESTADO NORMAL DE USO	MALO	8Y				
		2									
90206150000	ARITOS	1	90		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
90277860000	ARITOS	1	40		ESTADO NORMAL DE USO	REGULAR	44				
		2									
90277890000	CAJAS SEPARADAS	1	24		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
90277910000	TAPAS DE GRASA	1	110		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
90330750000	TABLERO REG.ALUMB.TONUM D.300	1	2		A REVISAR	SIN USO	44	80	50	81	
		2	7		ESTADO NORMAL DE USO	MALO	80	50	81		
		3									
90375000000	CAJA MOTRIZ	1	2		A ESPERA DE REPARA.	REGULAR	44				
		2									

Handwritten marks: 'A', 'B', 'A' with arrows pointing to specific rows in the table.

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:51

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (51) - COCH.Y FURG. ALZADA



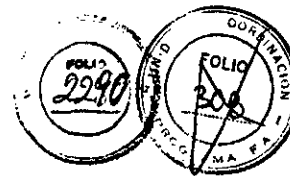
ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN						
			CENSAL	ACTUAL									
27210208690	BARRA DE TIRO	1	1		A ESPERA DE REPARA.	REGULAR	80	50	81				
27222324730	MASCARA	1	200		ESTADO NORMAL DE USO	REGULAR	44						
27230101510	TUBO DE PARAGOLPE	1	4		A ESPERA DE REPARA.	REGULAR	44						
27250120110	CARDAN	1	5		A ESPERA DE REPARA.	BUENO	44						
86553114340	RODAMIENTO SKF 22326 CK.C3	1	25		A REVISAR	BUENO	80	50	81	44			
86553114660	ROD.2H.ESF.ROT.145X115MM KM29	1	240		ESTADO NORMAL DE USO	REGULAR	80	50	81				
90227910000	REGULADOR COMP	1	8		ESTADO NORMAL DE USO	REGULAR	80	50	81				
		2	40		A ESPERA DE REPARA.	BUENO	80	50	81				
		3	20		A ESPERA DE REPARA.	REGULAR	80	50	81				
90229480000	CILINDRO DE FRENO	1	4		ESTADO NORMAL DE USO	MALO	8Y						
		2	26		A ESPERA DE REPARA.	REGULAR	8Y						
		3											
90229490000	TACHOS DE CILINDRO	1	7		ESTADO NORMAL DE USO	REGULAR	8Y						
90231040000	TACHO DE CILINDRO	1	8		ESTADO NORMAL DE USO	REGULAR	80	50	81				
90231460000	FOLEAS COMPRESOR DE AC	1	10		ESTADO NORMAL DE USO	REGULAR	80	50	81				
90242740000	RONDONES DE GANCHO	1	5		ESTADO NORMAL DE USO	REGULAR	80	50	81				
90272570000	TUERCAS	1	300		ESTADO NORMAL DE USO	REGULAR	80	50	81				
90500040000	ELASTICO DE GOMA TIPO SPENCER	1	125		ESTADO NORMAL DE USO	REGULAR	80	50	81				
90501560000	ELASTICO GOMA T/SPENCER N 388	1	250		ESTADO NORMAL DE USO	REGULAR	80	50	81				
90502350000	MANGA DE GOMA COMPLETA	1	100		ESTADO NORMAL DE USO	REGULAR	8Y						
90503260000	PARAGOLPE	1	23		A ESPERA DE REPARA.	REGULAR	8Y						
90505040000	VALVULAS DE CILINDRO	1	5		ESTADO NORMAL DE USO	REGULAR	80	50	81				
90509220000	VALVULAS DE CILINDRO	1	5		ESTADO NORMAL DE USO	REGULAR	8Y						
90509600000	ENGANCHE CENTRAL	1	200		A ESPERA DE REPARA.	REGULAR	8Y						
90509800000	GANCHO CENTRAL	1	15		ESTADO NORMAL DE USO	REGULAR	80	50	81				
		2	35		A ESPERA DE REPARA.	REGULAR	80	50	81				
		3											
90510540000	BOQUILLA DE GANCHO	1	12		ESTADO NORMAL DE USO	REGULAR	80	50	81				
90563850000	REGULADOR AUTOMATICO COMP.	1	6		ESTADO NORMAL DE USO	REGULAR	8Y						
		2	7		A ESPERA DE REPARA.	REGULAR	8Y						

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:50

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (51) - COCH.Y FURG. ALZADA



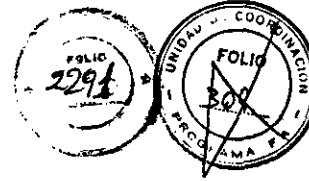
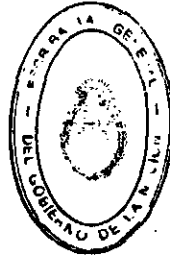
ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN		
			CENSAL	ACTUAL					
27030105200	PARAGOLPE	1	160		A ESPERA DE REPARA.	REGULAR	80	50	81
27110210010	ROGUE	1	14		A ESPERA DE REPARA.	REGULAR	8Y		
27110210550	EJE	1	2		A ESPERA DE REPARA.	REGULAR	8Y		
		2	9		A REVISAR	BUENO	8Y		
27110210810	CAJAS	1	86		A ESPERA DE REPARA.	REGULAR	8Y		
27110210830	COLISAS	1	360		ESTADO NORMAL DE USO	REGULAR	8Y		
27110210900	TAPAS DE CAJAS	1	30		ESTADO NORMAL DE USO	REGULAR	8Y		
27110210910	CONTRATAPAS	1	30		ESTADO NORMAL DE USO	REGULAR	8Y		
27110211000	GUARDAPOLVOS	1	150		ESTADO NORMAL DE USO	REGULAR	8Y		
27110211130	ARITOS	1	50		ESTADO NORMAL DE USO	REGULAR	8Y		
27110211300	RESORTE INTERIOR	1	40		ESTADO NORMAL DE USO	REGULAR	8Y		
27110211320	RESORTE EXTERIOR	1	24		ESTADO NORMAL DE USO	REGULAR	8Y		
27110211590	ATAGUILLAS	1	200		ESTADO NORMAL DE USO	REGULAR	8Y		
27110211760	CENTRO DE MESA	1	3		ESTADO NORMAL DE USO	REGULAR	8Y		
27110211900	PATIN DE FRICCION	1	50		ESTADO NORMAL DE USO	REGULAR	8Y		
27110212800	BAJO MESA	1	2		A ESPERA DE REPARA.	REGULAR	8Y		
27110213030	SUPLEMENTO	1	30		ESTADO NORMAL DE USO	REGULAR	8Y		
27110213500	AMORTIGUADOR HITACHI	1	10		A ESPERA DE REPARA.	REGULAR	8Y		
27110215130	PARRILLA DE FRENO	1	24		ESTADO NORMAL DE USO	REGULAR	8Y		
27110215210	COLGADORES	1	40		ESTADO NORMAL DE USO	REGULAR	8Y		
27130102220	GOMA DE GANCHO	1	200		ESTADO NORMAL DE USO	REGULAR	8Y		
27130102650	GOMAS DE PARAGOLPE	1	125		ESTADO NORMAL DE USO	REGULAR	8Y		
27210201530	EJE	1	4		A REVISAR	BUENO	44		
		2	3		A ESPERA DE REPARA.	REGULAR	44		
27210202510	CAJA	1	57		A ESPERA DE REPARA.	BUENO	44		
27210202670	TAPA DE CAJAS	1	240		ESTADO NORMAL DE USO	REGULAR	44		
27210202680	VELAS	1	100		ESTADO NORMAL DE USO	REGULAR	44		

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:49

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (51) - COCH.Y FURG. ALZADA



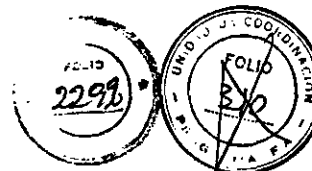
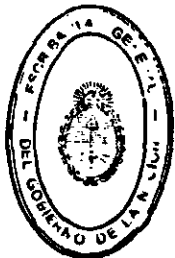
ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
26110200010	BOGUIE	1	2		A ESPERA DE REPARA.	REGULAR	8Z				
		2									
26110200030	BOGUIE	1	2		A ESPERA DE REPARA.	BUENO	8Z				
		2									
26110201950	RUEDAS BUDD	1	17		A ESPERA DE REPARA.	REGULAR	8Z				
		2	8		A REVISAR	SIN USO	8Z				
		3									
26110205010	ZAPATAS	1	2		ESTADO NORMAL DE USO	REGULAR	8Z	81			
		2									
26110205590	ELICOS	1	110		ESTADO NORMAL DE USO	REGULAR	8Z	81			
		2									
26130102500	GANCHO CENTRAL	1	2		ESTADO NORMAL DE USO	REGULAR	8Z	81			
		2									
26130400010	CILINDRO DE FRENO	1	1		ESTADO NORMAL DE USO	MALO	8Z				
		2									
26130401500	CRIGUES DE FRENO	1	1		ESTADO NORMAL DE USO	MALO	8Z				
		2	4		A ESPERA DE REPARA.	REGULAR	8Z				
		3									
26170500010	TANQUE DE AGUA	1	1		ESTADO NORMAL DE USO	REGULAR	8Z				
		2									
27010200010	BOGUIE	1	1		REPARADO	REGULAR	80	81			
		2	1		REPARADO	MALO	80	81			
		3	6		A ESPERA DE REPARA.	REGULAR	80	81			
		4									
27010201000	BASTIDOR	1	60		A REVISAR	REGULAR	80	50	81		
		2									
27010203500	EJE	1	48		A ESPERA DE REPARA.	BUENO	80	50	81		
		2	48		A REVISAR	REGULAR	80	50	81		
		3									
27010204850	ALMOHADILLAS	1	7		ESTADO NORMAL DE USO	REGULAR	80	50	81	44	
		2									
27010205030	TRAVESAFOS	1	100		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27010207670	CONTRAZAPATAS	1	230		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27010212430	BALANCIN	1	12		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27010212790	ALMOHADILLA	1	180		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27010213090	ATAGUIA	1	25		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2	45		A ESPERA DE REPARA.	REGULAR	80	50	81		
		3									
27010215610	ELASTICO ABALLESTA DE 18 HOJAS	1	10		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27010218730	LEVAS DE CONTRAZAPATAS	1	13		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27010233810	ELICOS	1	10		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27010237870	COLGADOR P/ ATRAVESANO	1	290		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27022700110	CERRADURAS	1	800		ESTADO NORMAL DE USO	REGULAR	80	50	81		

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:48

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (50) - COCHES Y FURGONES



ANEXO

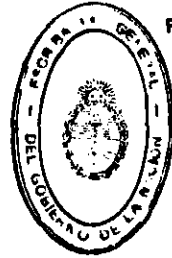
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
27081501450	APOYA BRAZOS	1	240		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27081501850	ESTRUCTURA RESPALDO	1	1180		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
27180100050	BASE ASIEN TO	1	70		A ESPERA DE REPARA.	REGULAR	BY				
		2									
27180102000	APOYA PIES	1	100		ESTADO NORMAL DE USO	REGULAR	BY				
		2									
27180103800	RESPALDO	1	47		A ESPERA DE REPARA.	REGULAR	BY				
		2									
27180104600	APOYA BRAZOS CENTRAL	1	55		A ESPERA DE REPARA.	REGULAR	BY				
		2									
27180104800	APOYA BRAZOS LATERAL	1	50		A ESPERA DE REPARA.	REGULAR	BY				
		2									

Handwritten marks: A large 'A' and a checkmark-like symbol.

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:47

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (4M) - S.DIESEL MECANICA



ANEXO

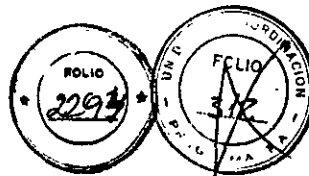
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN:					
			CENSAL	ACTUAL								
00530101000	MOTOR DIESEL	1	2		A ESPERA DE REPARA.	REGULAR	7C					
		2										
00530201410	BLOCK MOTOR	1	2		A ESPERA DE REPARA.	REGULAR	7A					
		3	1		A ESPERA DE REPARA.	BUENO	7A					
		4										
00530300010	CIGUEÑALES	1	6		A ESPERA DE REPARA.	MALO	7B					
		2	2		A ESPERA DE REPARA.	REGULAR	7B					
		3										
00530300020	CIGUEÑALES	1	4		A ESPERA DE REPARA.	MALO	7A					
		2	1		ESTADO NORMAL DE USO	BUENO	7A					
		3	4		A ESPERA DE REPARA.	REGULAR	7A					
		4										
00530330000	CIGUEÑALES	1	2		A ESPERA DE REPARA.	MALO	7D					
		2										
00530330040	CIGUEÑALES	1	4		A ESPERA DE REPARA.	MALO	7C					
		2										
00530822410	RADIADORES	3	1		ESTADO NORMAL DE USO	BUENO	7A					
		4										
00530823640	RADIADORES	3	2		ESTADO NORMAL DE USO	BUENO	7D					
		4										
00830300010	CIGUEÑAL PARA MOTOR 12 CILIND.	1	2		ESTADO NORMAL DE USO	BUENO	69					
		2										

Handwritten marks: a large 'A' and a signature-like scribble.

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:47

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
: (4E) - S.DIESEL ELECTRICO



ANEXO

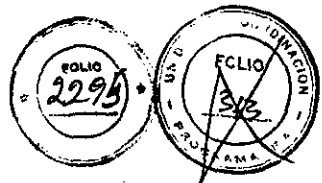
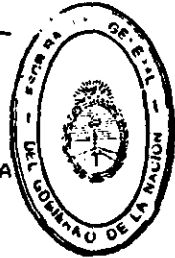
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN					
			CENSAL	ACTUAL								
00570100020	GENERADOR PRINCIPAL	1	14	---	A ESPERA DE REPARA.	MALO	7A	7B				
		2		---								
00570101320	VENTILADOR GEN. PRINC.	1	7	---	A ESPERA DE REPARA.	MALO	7A	7B				
		2		---								
00570200010	EXCITATRIZ	1	22	---	A ESPERA DE REPARA.	MALO	7A	7B				
		2		---								
00570300020	GENERADOR AUXILIAR	1	23	---	A ESPERA DE REPARA.	MALO	7A	7B				
		2		---								
00570800010	MOTOR DE TRACC.	1	34	---	A ESPERA DE REPARA.	MALO	7A	7B				
		2	26	---	A ESPERA DE REPARA.	MALO	7A	7B				
		3		---								
00570801080	INDUCIDO M. TRACC.	1	5	---	ESTADO NORMAL DE USO	BUENO	7A	7B				
		2		---								
00870100090	ARMADURA COMP.GEN.PRINC.	1	2	---	A ESPERA DE REPARA.	MALO	69					
		2		---								
00870800020	MOTOR DE TRACC.MOD.D.57B-1COMP	1	28	---	A ESPERA DE REPARA.	MALO	66	67	68	69		
		2		---								

Handwritten initials and a signature.

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:46

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (4A) - S.DIESEL EQ.AUXILIAR



ANEXO

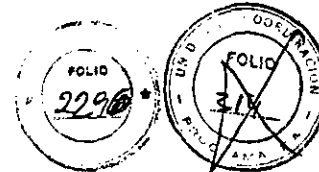
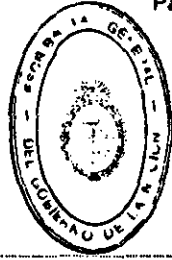
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZA				
			CENSAL	ACTUAL							
00830805070	RADIADOR P/ENFRIAM.MOT.L.DER.	1	3		A ESPERA DE REPARA.	REGULAR	66				
		2	3		ESTADO NORMAL DE USO	BUENO	66				
		3	1		A ESPERA DE REPARA.	MALO	66				
		4									
00830900010	REGULADOR ELECT.HIDRAU.COMP.	1	5		A ESPERA DE REPARA.	MALO	68				
		2	10		A ESPERA DE REPARA.	REGULAR	68				
		3									
00830900070	GOBERNADOR	1	2		A ESPERA DE REPARA.	MALO	66				
		2	3		A ESPERA DE REPARA.	REGULAR	66				
		3									
00850100420	CIGUERAL COMPRESOR	1	5		A ESPERA DE REPARA.	MALO	66	67	68	69	
		2	1		ESTADO NORMAL DE USO	BUENO	66	67	68	69	
		3									
02330300010	CIGUERAL COMPRESOR	1	3		A ESPERA DE REPARA.	REGULAR	64				
		2									
02330501530	SOBREALIMENTADOR	2	1		A ESPERA DE REPARA.	MALO	64				
		3									
		3									
02330600010	BOMBA INYECTORA	1	37		A ESPERA DE REPARA.	REGULAR	64				
		2	9		ESTADO NORMAL DE USO	BUENO	64				
		3									
02330601000	INYECTOR	1	6		A ESPERA DE REPARA.	REGULAR	64				
		2									
		2									
02330900010	REGULADOR	1	1		A ESPERA DE REPARA.	REGULAR	64				
		2	3		ESTADO NORMAL DE USO	BUENO	64				
		3									
02350102300	CILINDRO DE ALTA	1	29		A ESPERA DE REPARA.	MALO	64				
		2									
02390303040	CARCAZA SOPL. PISO	1	4		ESTADO NORMAL DE USO	BUENO	64				
		2									

Handwritten marks: 'AD', 'A', and '3'.

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:45

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (4A) - S.DIESEL EQ.AUXILIAR



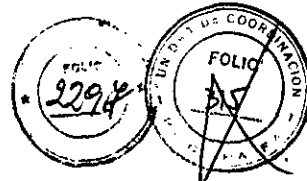
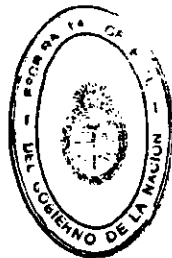
ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN								
			CENSAL	ACTUAL											
00550100100	CARTER COMPRESOR	1	8		A ESPERA DE REPARA.	REGULAR	7A	7B	7C	7D					
00550100160	CIGUERAL COMPRESOR	1	11		ESTADO NORMAL DE USO	BUENO	7A	7B	7C						
		2	2		A ESPERA DE REPARA.	MALO	7A	7B	7C						
		3	12		A ESPERA DE REPARA.	REGULAR	7A	7B	7C	7D					
		4													
00550100950	VALVULA REG. VACIO	1	16		A ESPERA DE REPARA.	REGULAR	7A	7D							
		2													
00550101250	CILINDRO DE BAJA	1	142		A ESPERA DE REPARA.	MALO	7A	7B	7C	7D					
		2													
00550101290	PISTON COMPRESOR STD.	1	140		A ESPERA DE REPARA.	MALO	7A	7B	7C	7D					
		2													
00550101590	RIELAS COMPRESOR	2	16		A ESPERA DE REPARA.	REGULAR	7A	7B	7C	7D					
		3													
		4													
00550101750	CILINDRO	1	65		A ESPERA DE REPARA.	MALO	7A	7B	7C	7D					
		2													
00550101810	PISTON ALTA	1	115		A ESPERA DE REPARA.	MALO	7A	7B	7C	7D					
		2													
00550102660	CABEZA DE BAJA	1	54		A ESPERA DE REPARA.	REGULAR	7A	7B	7C	7D					
		2													
00550103220	CABEZA DE ALTA	2	1		A ESPERA DE REPARA.	MALO	7A	7B	7C	7D					
		3													
		4													
00550105010	COMPRESOR / EXHAUST	1	1		A ESPERA DE REPARA.	MALO	71								
		2													
00550105240	CIGUERAL COMPRESOR	1	6		A ESPERA DE REPARA.	MALO	71								
		2													
00580300010	ACUMULADOR	1	299		A ESPERA DE REPARA.	MALO	7A	7B	7C	7D					
		2													
		3													
		4													
		5													
00590300010	SOPLADO L. GENER.	1	1		ESTADO NORMAL DE USO	BUENO	7B								
		2	1		A ESPERA DE REPARA.	MALO	7B								
		3													
00590300330	SOPLADOR DELANTERO	1	2		ESTADO NORMAL DE USO	BUENO	7A								
		2													
00590300340	SOPLADOR DE PISO	2	1		A ESPERA DE REPARA.	REGULAR	7A								
		3													
		4													
00590300380	CARCAZA SOP. PISO	1	15		A ESPERA DE REPARA.	REGULAR	7A								
		2	12		A ESPERA DE REPARA.	MALO	7A								
		3													
00590300390	CARCAZA SOP. PISO	1	5		A ESPERA DE REPARA.	REGULAR	7B								
		2	4		A ESPERA DE REPARA.	MALO	7B								
		3													
00590500730	VOLANTE ACOPLADOR	1	41		A ESPERA DE REPARA.	REGULAR	7A	7B	7C	7D					
		2													
00830700110	INYECTOR COMPLETO (FL.A.)	1	66		A ESPERA DE REPARA.	REGULAR	66	67	73						
		2	12		ESTADO NORMAL DE USO	BUENO	66	67	73						

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:44

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (4A) - S.DIESEL EQ.AUXILIAR

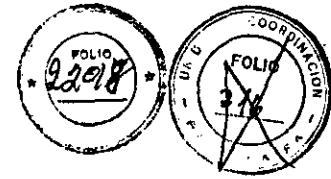


ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN			
			CENSAL	ACTUAL						
00530301140	BIELA MAESTRA	1	27	---	A ESPERA DE REPARA.	REGULAR	7A	7B		
		2	5	---	ESTADO NORMAL DE USO	BUENO	7A	7B		
		3	22	---	A ESPERA DE REPARA.	MALO	7A	7B		
		4								
00530301900	BICLETA	2	18	---	ESTADO NORMAL DE USO	BUENO	7A	7B		
		3	9	---	A ESPERA DE REPARA.	REGULAR	7A	7B		
		4	161	---	A ESPERA DE REPARA.	MALO	7A	7B		
		5								
00530303600	PISTONES COOPER	2	19	---	ESTADO NORMAL DE USO	BUENO	7A	7B		
		3	101	---	A REVISAR	MALO	7A	7B		
		4								
00530333000	PISTONES FIAT	1	21	---	A ESPERA DE REPARA.	MALO	7C	7D		
		2								
00530334010	BIELA FIAT	1	19	---	ESTADO NORMAL DE USO	BUENO	7C	7D		
		2	71	---	A ESPERA DE REPARA.	REGULAR	7C	7D		
		3	65	---	A ESPERA DE REPARA.	MALO	7C	7D		
		4								
00530422040	TAPA DE VALVULAS	1	59	---	A ESPERA DE REPARA.	REGULAR	7A	7B	7C	7D
		2								
00530511780	TURBO ELLIOT	1	2	---	A ESPERA DE REPARA.	MALO	7A			
		2								
00530513210	TURBO COOPER	2	5	---	A ESPERA DE REPARA.	REGULAR	7A			
		3								
00530560010	TURBO BRON ROVERI	1	9	---	A ESPERA DE REPARA.	REGULAR	7C			
		3	4	---	A ESPERA DE REPARA.	MALO	7C			
		4								
00530570000	TURBO BRON ROVERI	1	1	---	A ESPERA DE REPARA.	MALO	7D			
		2	10	---	A ESPERA DE REPARA.	REGULAR	7D			
		3	1	---	ESTADO NORMAL DE USO	BUENO	7D			
		4								
00530600020	BOMBA INYECTORA	1	4	---	A ESPERA DE REPARA.	MALO	7A	7B		
		2	21	---	ESTADO NORMAL DE USO	BUENO	7A	7B		
		3	47	---	A ESPERA DE REPARA.	MALO	7A	7B		
		4								
00530660000	BOMBA INYECTORA	2	13	---	ESTADO NORMAL DE USO	BUENO	7C	7D		
		3	104	---	A ESPERA DE REPARA.	REGULAR	7C	7D		
		4								
00530665000	INYECTORES	1	29	---	ESTADO NORMAL DE USO	BUENO	7C	7D		
		2								
00530902930	REG. WOODWARD	1	5	---	A ESPERA DE REPARA.	MALO	7A			
		2	4	---	A ESPERA DE REPARA.	REGULAR	7A			
		3								
00530902940	REG. WOODWARD	1	26	---	A ESPERA DE REPARA.	MALO	7D			
		2	3	---	A ESPERA DE REPARA.	REGULAR	7D			
		4	2	---	ESTADO NORMAL DE USO	BUENO	7D			
		5								
00530902950	REG. WOODWARD	1	6	---	A ESPERA DE REPARA.	MALO	7C			
		2	1	---	ESTADO NORMAL DE USO	BUENO	7C			
		3								
00530908270	DISP. SOBREVOLOC.	1	36	---	A ESPERA DE REPARA.	REGULAR	7A			

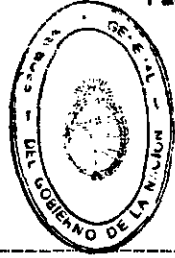
LISTADO GENERAL DE ORGANOS DE PARQUE

Pag. 3



Listado Emitido el: 10-11-94
A las: 14:44

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (45) - COCH.Y FURG.ELECTRIC



ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
90303400000	GENERADOR DE CALEFACCION 32 L.	2	11	---	A ESPERA DE REPARA.	BUENO	50				
		3		---							
90303430000	BOBINA	2	19	---	A ESPERA DE REPARA.	BUENO	50				
		3		---							
90318000000	TABLERO CALEFACTOR V2/RB	1	3	---	A ESPERA DE REPARA.	BUENO	80	50	81		
		2		---							

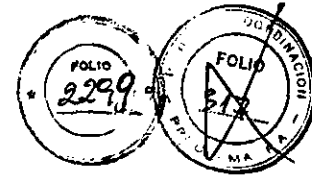
AD → A

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:43

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (45) - COCH.Y FURG.ELECTRIC

Pag. 2



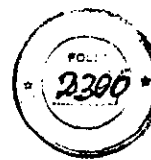
ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
27153105500	RECTIFICADOR	1	5		ESTADO NORMAL DE USO	REGULAR	8Y				
		2	1		A ESPERA DE REPARA.	BUENO	8Y				
		3									
27160300010	TANQUE RECIBIDOR	1	9		ESTADO NORMAL DE USO	REGULAR	8Y				
		2									
27160300300	FORZADOR	1	30		A ESPERA DE REPARA.	BUENO	8Y				
		3	0		ESTADO NORMAL DE USO	MALO	8Y				
		4									
		1	42		A ESPERA DE REPARA.	REGULAR	8Y				
27160300310	MOTOR DE FORZADOR	2	7		ESTADO NORMAL DE USO	REGULAR	8Y				
		3									
		1	9		A ESPERA DE REPARA.	BUENO	8Y				
27160500010	COMPRESOR	2									
		1	12		ESTADO NORMAL DE USO	REGULAR	8Y				
27160600010	EVAPORADOR	2									
		1	2		ESTADO NORMAL DE USO	REGULAR	8Y				
27160700010	CONDENSADOR	2									
		1	3		ESTADO NORMAL DE USO	REGULAR	8Y				
27161101500	TURBINA	2	2		A ESPERA DE REPARA.	BUENO	8Y				
		3	1		A ESPERA DE REPARA.	BUENO	8Y				
		4									
		1	25		A ESPERA DE REPARA.	BUENO	8Y				
27170100010	TANQUE DE AGUA	2	10		ESTADO NORMAL DE USO	MALO	8Y				
		3	14		A ESPERA DE REPARA.	BUENO	8Y				
		4									
		1	120		A ESPERA DE REPARA.	BUENO	44				
27253100010	BATERIAS HOLANDA	2									
		1	2		ESTADO NORMAL DE USO	REGULAR	8Y				
83953520660	GAS FREON 12 CILINDRO 66-04	2									
		1	2		ESTADO NORMAL DE USO	REGULAR	8Y				
90276590000	BATERIA ACUMULADORES TIPO TA	1	120		A ESPERA DE REPARA.	BUENO	80	50	81		
		2	80		A ESPERA DE REPARA.	REGULAR	80	50	81		
		3									
90301490000	CARCAZA	1	31		ESTADO NORMAL DE USO	REGULAR	80	50	81	44	
		2									
90301610000	ARMADURA TIPO XR.29L	2	61		A ESPERA DE REPARA.	BUENO	80	81	50		
		3									
90301860000	TAPAS DE DINAMO	1	11		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
90301940000	TAPA	1	24		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2									
90302270000	GENERADOR DE ALUMBRADO 29 L.	1	1		ESTADO NORMAL DE USO	REGULAR	44				
		2	1		A ESPERA DE REPARA.	BUENO	44				
		3									
90302670000	TAPA	1	19		ESTADO NORMAL DE USO	REGULAR	50				
		2									
90303210000	CARCAZA	1	20		ESTADO NORMAL DE USO	REGULAR	50				
		2									
90303300000	TAPA COLETOR	1			ESTADO NORMAL DE USO	REGULAR	50				
		2									
90303400000	GENERADOR DE CALEFACCION 32 L.	1	10		ESTADO NORMAL DE USO	REGULAR	50				

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:42

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (45) - COCH.Y FURG.ELECTRIC



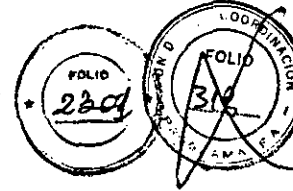
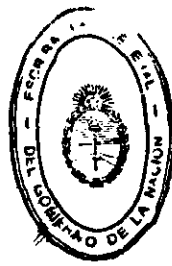
ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
26150100010	AMPLIOINE	1	2		A ESPERA DE REPARA.	REGULAR	8Z				
		2	2		A ESPERA DE REPARA.	BUENO	8Z				
		3									
26150102400	CARDAN	1	11		A ESPERA DE REPARA.	REGULAR	8Z				
		2									
26150104000	GENERADOR BUDD	1	1		ESTADO NORMAL DE USO	REGULAR	8Z				
		2	1		A ESPERA DE REPARA.	SIN USO	8Z				
		3									
26151300010	MOTOR PARA COMPRESOR	1	2		A ESPERA DE REPARA.	REGULAR	8Z				
		2									
26151301990	FORZADOR	1	1		ESTADO NORMAL DE USO	REGULAR	8Z				
		2									
26151305500	MOTOR CONDENSADOR	1	7		ESTADO NORMAL DE USO	REGULAR	8Z				
		2									
26153101100	BATERIA	1	59		A ESPERA DE REPARA.	BUENO	8Z				
		2									
26160502000	COMPRESOR AIRE ACONDICIONADO	1	2		A ESPERA DE REPARA.	REGULAR	8Z				
		2									
26160600900	EQUIPO AIRE ACONDICIONADO	1	1		A ESPERA DE REPARA.	BUENO	8Z				
		2									
27050112300	ALTERNADOR DE LUZ	1	6		ESTADO NORMAL DE USO	REGULAR	80	50	81		
		2	27		A ESPERA DE REPARA.	BUENO	80	50	81		
		3									
27050113910	REGULADOR DE LUZ	1	3		A REVISAR	BUENO	80	50	81		
		3	7		A ESPERA DE REPARA.	REGULAR	80	50	81		
		4									
		1	13		A ESPERA DE REPARA.	REGULAR	50				
27050118210	REGULADOR DE CALOR	1	14		ESTADO NORMAL DE USO	REGULAR	50				
		2	6		A ESPERA DE REPARA.	BUENO	50				
		3									
27150100010	GENERADOR	1	17		A ESPERA DE REPARA.	REGULAR	8Z				
		2	7		ESTADO NORMAL DE USO	MALO	8Z				
		3	0		A ESPERA DE REPARA.	REGULAR	8Y				
		4	0		ESTADO NORMAL DE USO	BUENO	8Y				
		5									
27150500010	GABINETE DE CONTROL	1	4		A ESPERA DE REPARA.	BUENO	8Z				
		2									
27151315000	MOTOR DE ARRANQUE	1	2		ESTADO NORMAL DE USO	REGULAR	8Y				
		2									
27151500010	CAJA CONMUTACION	1	1		A ESPERA DE REPARA.	REGULAR	8Y				
		2									
27151702750	TRANSFORMADOR	1	7		ESTADO NORMAL DE USO	REGULAR	8Y				
		2									
27152103000	CAJA A.V.R.	1	5		A ESPERA DE REPARA.	REGULAR	8Y				
		2									
27153100010	CARGADOR DE BATERIAS	1	1		ESTADO NORMAL DE USO	REGULAR	8Y				
		2									
27153101750	BATERIAS ALCALINAS	1	20		A ESPERA DE REPARA.	BUENO	8Y				
		2									
27153102010	BOBINA	1	3		ESTADO NORMAL DE USO	REGULAR	8Y				

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:41

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (38) - T.REP.Y FAB.FUNDIC.



ANEXO

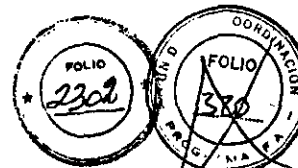
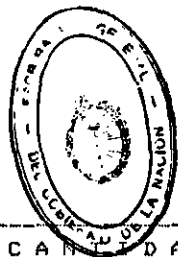
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN					
			CENSAL	ACTUAL								
00510101200	PARES MONTADOS	1	22		A ESPERA DE REPARA.	MALO	7A	7C				
00510101240	PARES MONTADOS	1	18		A ESPERA DE REPARA.	MALO	7B	7D				
00510101500	EJE (PAR MONTADO)	1	7		A ESPERA DE REPARA.	MALO	7A	7B				
		2	9		A ESPERA DE REPARA.	REGULAR	7A	7C				
00510107900	CIGUENA LARGA	1	16		A ESPERA DE REPARA.	MALO	7A	7B				
00510108660	BASTIDOR BOGIES	2	12		A ESPERA DE REPARA.	MALO	7A	7C				
00510108690	BASTIDOR BOGIES	3	5		A ESPERA DE REPARA.	MALO	7B					
00530101000	MOTOR DIESEL	2	7		A ESPERA DE REPARA.	MALO	7C					
00530201400	BLOCK MOTOR	3	3		A ESPERA DE REPARA.	MALO	7B					
00530201410	BLOCK MOTOR	1	3		A ESPERA DE REPARA.	MALO	7B					
00530509320	INTERFRIADOR DER.	2	9		A ESPERA DE REPARA.	MALO	7A					
00530509330	INTERFRIADOR IZQ.	1	26		A ESPERA DE REPARA.	MALO	7A					
00530822410	RADIADORES	2	27		A ESPERA DE REPARA.	MALO	7A					
		1	26		A ESPERA DE REPARA.	MALO	7C					
		2	8		A ESPERA DE REPARA.	MALO	7A					
00530823660	RADIADORES	3	5		A ESPERA DE REPARA.	MALO	7B					
		1	6		A ESPERA DE REPARA.	MALO	7D					
00570101100	INDUCIDO GEN. PRINC.	2	12		A ESPERA DE REPARA.	MALO	7A	7B				
00580600230	PALETA ELECTROVENT.	1	7		A ESPERA DE REPARA.	MALO	7A	7B				
00810100210	EJE MOTRIZ COMPLETO	2	11		A ESPERA DE REPARA.	MALO	69					
00810100430	EJE MOTRIZ	1	11		A ESPERA DE REPARA.	MALO	66					
00810103650	BASTIDOR DE BOGIE	2	2		A ESPERA DE REPARA.	MALO	69					
02310100010	BASTIDOR DE BOGIE	1	5		A ESPERA DE REPARA.	MALO	64					
02310101020	CIGUENAS	2	20		A ESPERA DE REPARA.	MALO	64					
02330501530	SORREALIMENTADOR	1	1		A ESPERA DE REPARA.	REGULAR	64					
		2										

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LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:40

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (32) - T.REP.Y FAB.MECANIZ.



ANEXO

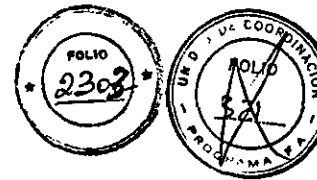
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
00510101200	PARES MONTADOS	2	14		A ESPERA DE REPARA.	REGULAR	7A;7C				
00510104500	ALOJAMIENTO RODAM.	1	9		ESTADO NORMAL DE USO	BUENO	7A				
		2	78		A ESPERA DE REPARA.	REGULAR	7A				
		3									
00530209820	CILINDRO COMPLETO	1	8		ESTADO NORMAL DE USO	BUENO	7A;7C				
		2	26		A ESPERA DE REPARA.	REGULAR	7A;7C				
		3									
00530209830	CUERPO CILINDRO	1	110		A ESPERA DE REPARA.	REGULAR	7A;7B				
		2									
00530209840	CAMISA CILINDRO	1	11		ESTADO NORMAL DE USO	BUENO	7A;7B				
		2	93		A ESPERA DE REPARA.	REGULAR	7A;7B				
		3	137		A ESPERA DE REPARA.	MALO	7A;7B				
		4									
00530246010	CULATAS	1	122		A ESPERA DE REPARA.	REGULAR	7A;7B;7C;7D				
		1	154		A ESPERA DE REPARA.	MALO	7A;7B;7C;7D				
00530404810	ARBOL COMPENS. I	2									
		1	1		A ESPERA DE REPARA.	REGULAR	7A;7B				
		2	6		A ESPERA DE REPARA.	MALO	7A;7B				
00530404820	ARBOL COMPENS. D	3									
		1	1		A ESPERA DE REPARA.	REGULAR	7A;7B				
		2	3		A ESPERA DE REPARA.	MALO	7A;7B				
00810100310	PAR MONTADO	3									
		1	3		A ESPERA DE REPARA.	REGULAR	66				
		2									
00810100530	EJE MOTRIZ.	1	10		A ESPERA DE REPARA.	REGULAR	66				
		2									
00810102530	CAJA DE EJE SIMPLE.	1	11		A ESPERA DE REPARA.	REGULAR	69				
		2									
00810104510	BASTIDOR DE BOGIE COMPLETO	1	2		ESTADO NORMAL DE USO	BUENO	66				
		2									
00830205270	CABEZA DE CILINDROS C/VALVULAS	1	22		A ESPERA DE REPARA.	REGULAR	66				
		2									
02330246000	CULATAS	1	7		A ESPERA DE REPARA.	REGULAR	64				
		2									

MD X

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:39

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (28) - COBRERIA



ANEXO

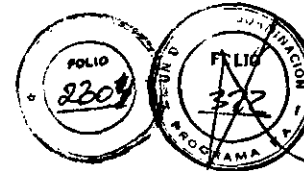
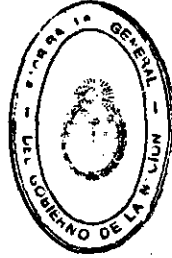
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
00530507970	INTERFRIADOR IZQ.	1	2	---	ESTADO NORMAL DE USO	BUENO	7B				
		2									
00530507980	INTERFRIADOR DER.	1	2	---	ESTADO NORMAL DE USO	BUENO	7B				
		2									
00530710010	INTERCAMB. ACEITE	1	2	---	A ESPERA DE REPARA.	REGULAR	7A				
		2									
00530712390	INTERCAMB. ACEITE	1	2	---	ESTADO NORMAL DE USO	BUENO	7B				
		2									
00530760010	INTERCAMB. ACEITE	1	5	---	ESTADO NORMAL DE USO	BUENO	7C				
		2									
00530840000	BOMBA DE AGUA	1	6	---	A ESPERA DE REPARA.	REGULAR	7C				
		2									
00550100960	RADIADOR COMPRES.	1	6	---	A ESPERA DE REPARA.	REGULAR	7A				
		2	5	---	ESTADO NORMAL DE USO	BUENO	7A				
		3									
00830805010	RADIADOR COMP.ENFR.MOTOR L/IZQ	1	1	---	ESTADO NORMAL DE USO	BUENO	69				
		2									
00830805030	RADIADOR COMP.ENFR.MOTOR L/DER	1	1	---	ESTADO NORMAL DE USO	BUENO	66				
		2									
00830805050	RADIADOR P/ENFR.L.IZQ.COMP.	1	4	---	A ESPERA DE REPARA.	REGULAR	66				
		2	2	---	ESTADO NORMAL DE USO	BUENO	66				
		3	2	---	A ESPERA DE REPARA.	MALO	66				
		4									
27140811000	RADIADORES M.BENZ	1	8	---	ESTADO NORMAL DE USO	BUENO	8Y				
		2	17	---	A ESPERA DE REPARA.	REGULAR	8Y				
		3									

AD X

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:39

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (24) - CALDERERIA

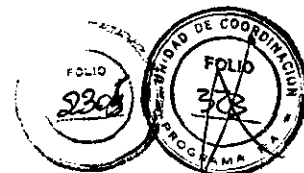


ANEXO

N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN					
			CENSAL	ACTUAL								
00510107780	CIGUERA CORTA	1 2	16		A ESPERA DE REPARA.	MALO	7A	7B				

Handwritten marks: a large 'A' and a crossed-out 'A' with an arrow pointing to the right.

LISTADO GENERAL DE ORGANOS DE PARQUE



ANEXO

Listado Emitido el: 10-11-94
A las: 14:38

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (21) - T.REPA.Y FAB.EQ.ESP.



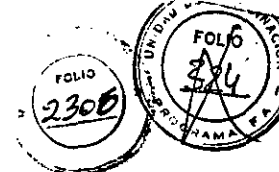
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN					
			CENSAL	ACTUAL								
00510112280	AMORTIGUADOR MESA	1	24		ESTADO NORMAL DE USO	BUENO	7A	7B				
		2	68		A ESPERA DE REPARA.	REGULAR	7A	7B				
		3										
00530700020	BOMBA DE ACEITE	1	5		ESTADO NORMAL DE USO	BUENO	7A					
		2										
00810116010	SOPORTE DE APOYO	1	10		ESTADO NORMAL DE USO	BUENO	66					
		2										
00830000010	BOMBA COMP.LADO IZQ.P/AGUA	1	2		A ESPERA DE REPARA.	REGULAR	68					
		2										
00830000030	BOMBA COMP.DERECHA DE AGUA	1	2		A ESPERA DE REPARA.	REGULAR	68					
		2										
02330040000	BOMBA DE AGUA	1	3		A ESPERA DE REPARA.	REGULAR	64					
		2	1		ESTADO NORMAL DE USO	BUENO	64					
		3										
27140713500	BOMBA ACEITE M.BENZ	1	40		A ESPERA DE REPARA.	REGULAR	8Y					
		2										
27140008500	BOMBA DE AGUA	1	25		A ESPERA DE REPARA.	REGULAR	8Y					
		2	44		A ESPERA DE REPARA.	MALO	8Y					
		3	11		ESTADO NORMAL DE USO	BUENO	8Y					
		4	1		A ESPERA DE REPARA.	MALO	8Y					
		5										

Handwritten marks: 'AD' and a signature.

LISTADO GENERAL DE ORGANOS DE PARQUE

Listado Emitido el: 10-11-94
A las: 14:38

GERENCIA OPERATIVA : - II - ROCA - SAN MARTIN
LINEA : ROCA
LUGAR : (3021) - A. L. REMEDIOS DE ESCALADA
SECTOR : (20) - TALLER DIESEL ELECT.



ANEXO

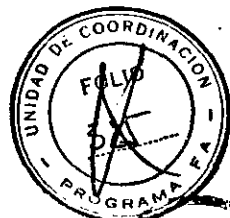
N. U. M.	DENOMINACION	LOTE	CANTIDAD		SITUACION	ESTADO	SERIES QUE LO UTILIZAN				
			CENSAL	ACTUAL							
00510108660	BASTIDOR BOGIES	1	1		A ESPERA DE REPARA.	REGULAR	7A				
		2									
00510108690	BASTIDOR BOGIES	1	8		A ESPERA DE REPARA.	REGULAR	7B				
		2									
00550100070	COMPRESOR / EXHAUST	1	6		A ESPERA DE REPARA.	MALO	7A; 7B				
		2	3		A ESPERA DE REPARA.	REGULAR	7A; 7B				
		3									

Handwritten marks: 'AD' and 'A' with arrows pointing to the table rows.

GRUPO DE SERVICIOS

ANEXO XXIII

DOCUMENTACION TECNICA Y ADMINISTRATIVA



Documentación técnica

La documentación original de todas las áreas técnicas relacionadas con el grupo de servicios a conceder, se encuentra ubicada en los archivos consignados en el Adjunto "A".

Se distinguen dos tipos de archivos:

a) Centralizados: son aquellos en los que se concentra la documentación técnica de toda una línea o región, según el esquema de explotación previo al proceso de privatizaciones, donde coexiste documentación de interés para el Concesionario y terceros concesionarios o F.A.

b) Descentralizados: son aquellos que poseen documentación específica de un sector de interés exclusivo para el Concesionario.

El tratamiento de la documentación dependerá del tipo de archivo, siendo el criterio a adoptar en cada caso el siguiente:

1. Centralizados

La Autoridad de Aplicación asume la responsabilidad de custodia y preservación de los archivos precedentemente citados.

La documentación disponible sobre la infraestructura y el material rodante transferido que el Concesionario requiera deberá ser facilitada por el Concedente, en un plazo de 20 (veinte) días a partir de la fecha de ingreso de la solicitud acordando las partes el procedimiento a seguir en cada caso.

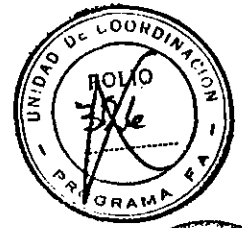
En caso de solicitarlo, el Concesionario procederá a copiar a su cargo el/los planos y devolver el/los originales en un plazo no mayor a SESENTA (60) días corridos desde su préstamo.

Toda la documentación obrante en poder de FA, deberá ser solicitada previamente a la Autoridad de Aplicación.

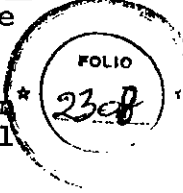
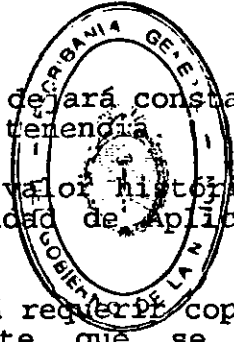
2. Descentralizados

Los archivos señalados son incorporados íntegramente a la Concesión, obligándose el Concesionario a su correcta preservación, actualización y devolución al término de ésta.

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Antes de la toma de Posesión, se dejará constancia bajo actas de toda la documentación dejada en tenencia.



Toda aquella documentación con valor histórico será tenida en custodia hasta tanto la Autoridad de Aplicación resuelva el retiro y destino de la misma.

La Autoridad de Aplicación podrá requerir copia en microfilm (u otro medio moderno equivalente que se convenga) de la documentación que estime necesaria.

El Concesionario entregará a la Autoridad de Aplicación copia en microfilm (u otro medio moderno equivalente que se convenga) de los planos que sufran actualización, dentro del plazo de 90 días posteriores de producida una modificación.

A raíz de las obras del plan de inversiones, complementarias, adicionales y de modificaciones autorizadas por la Autoridad de Aplicación, que ejecute el Concesionario de por sí o por terceros, se producirá documentación técnica conforme a obra que también deberá ser microfilmada (o copiada por otro medio moderno equivalente que se convenga).

Todos los trabajos de microfilmación (o copiado por otro medio moderno equivalente que se convenga) mencionados precedentemente serán realizados en el lugar que establezca la Autoridad de Aplicación, con cargo a ésta.

Documentación administrativa

FE.ME.SA. y el Concesionario convendrán, al momento de la Toma de Posesión, la entrega en tenencia y custodia al Concesionario de aquella documentación administrativa que sea necesario o conveniente estén en poder del futuro operador de la Concesión.

Se dejará constancia bajo acta de toda la documentación administrativa transferida.

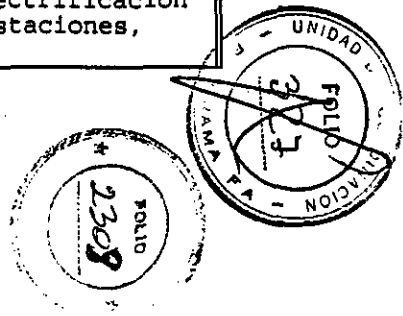
El Concesionario se compromete, a partir de la Toma de Posesión, a atender con celeridad y eficiencia las consultas que le efectúen FE.ME.SA. y/o el Concedente, sobre cuestiones documentadas en los archivos transferidos.

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ADJUNTO "A" - ROCA

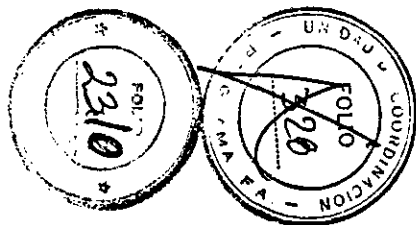
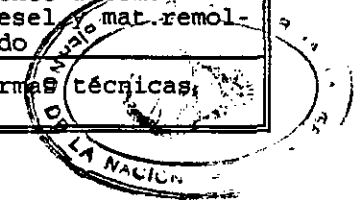
Areas	UBICACIÓN		Propiedad de		Tipo de archivo		Descripción de la documentación
	Dependencia	Dirección	FE ME SA.	F.A.	cen- tra- l i - zado	des- cen- tra- l i - zado	
VIAS Y OBRAS	UNIDAD INFRAESTRUCTURA (Pza. Constitución)	Hornos 11 - 4° piso of.423 "B"	X			X	Tela de todas las estaciones
	DELEGACIÓN INFRAESTRUCTURA UNIDAD INFRAEST.- GCIA. DE AREA COORD. DE TRANSF.	ESTACION REMEDIOS DE ESCALADA		X	X		Resto de originales VyO (Planimetría, Obras de Artes, etc)
	GERENCIA DE AREA COORDINACIÓN DE TRANSFERENCIAS - UNIDAD INFRAESTRUCTURA	Av. Ramos Mejía 1302 2° piso - Of.220.		X		X	Normas Técnicas y Planos Tipo
SEÑALAMIENTO Y TELECOMUNICACIONES	DISTRITO PLAZA CONSTITUCION	Hornos 177 - Piso 1°	X			X	Originales de S y T
	GERENCIA DE AREA COORDINACIÓN DE TRANSFERENCIAS - UNIDAD INFRAESTRUCTURA	ESTACION REMEDIOS DE ESCALADA		X	X		Originales de elementos tipo señal. mecánico
ELECTRIFICACION	DIVISION SUB ESTACIONES Y REDES	Hornos 11 - 5° piso of.511	X			X	Originales de obra de electrificación (subestaciones, etc)

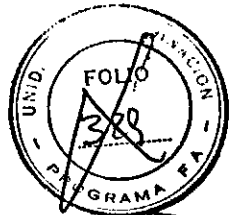
Handwritten notes and signatures on the left side of the page, including a large scribble and several initials.



Areas	UBICACIÓN		Propiedad de		Tipo de archivo		Descripción de la documentación
	Dependencia	Dirección	FE ME SA.	F.A.	cen- tra- l i - zado	des- cen- tra- l i - zado	
	CONTROL CENTRAL DE ENERGIA	Edificio PARACAS Lima 1940	X			X	Originales de materiales de catenarias, etc.
MATERIAL RODANTE	DEPARTAMENTO MATERIAL RODANTE	Hornos 11 - 4° piso	X		X		Documentación técnica correspondiente a coches eléctricos, locom. diesel y mat. remolcado
MATERIAL RODANTE	GERENCIA DE AREA COORDINACIÓN DE TRANSFERENCIAS - UNIDAD MATERIAL RODANTE	Av. Ramos Mejía 1302 - 2° piso		X	X		Documentación técnica correspondiente locom. diesel y mat. remolcado
	DPTO. CONTROL DE CALIDAD F.A.	Est. Nufiez (O'Higgins y Manuela Pedraza)		X	X		Normas técnicas

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GRUPO DE SERVICIOS 4

ANEXO XXIV/1

CONTRATOS EN EL AREA OPERATIVA



El Concesionario recibirá las explotaciones comerciales que se hallan localizadas dentro del Area Operativa provisoria definida en 1.5 de las Condiciones Particulares y planos del Anexo XVI del Contrato de Concesión.

El listado que con carácter provisorio se adjunta, contiene los contratos registrados correspondientes a dichas áreas y será modificado en caso de verificarse diferencias a posteriori.

En el período de DIECIOCHO (18) meses posteriores a la fecha de la Toma de Posesión se hará, de común acuerdo, la delimitación definitiva del Area Operativa y, por lo tanto, las partes podrán convenir incorporaciones o exclusiones en el listado adjunto.

Los locales comerciales que no figuren en el presente listado por encontrarse desocupados a la fecha de este Contrato y que se hallan localizados dentro del área operativa, serán transferidos al Concesionario para su explotación.

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LOCALES

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha :14/11/94

Página: 1

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Admin Tip.Inm.

Estación: 3004 PLAZA CONSTITUCION

L	LOCAL	MUTUAL PERS.Y FUNCIONARIOS FF.CC.								
787	3004/49	01/10/90	30/09/96	398.00	C	L	3004	CO	L	
788	3004/47	01/10/90	30/09/96	398.00	C	L	3004	CO	L	
		01/10/90	30/09/96				3004			



ANEXO



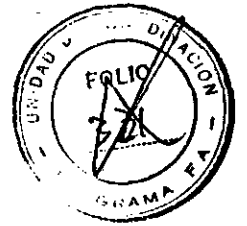
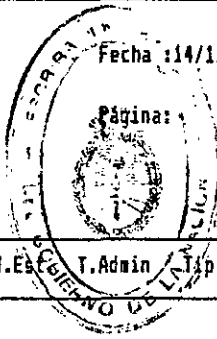
[Handwritten signatures and scribbles]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

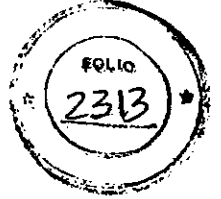
Fecha: 14/11/94

Página: 2

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



Contrato	Inmueble	C.Inicio	Cont.Fin	Canon Est.	Expediente	Cod. Es	T. Admin	Tip. Ina.
----------	----------	----------	----------	------------	------------	---------	----------	-----------

Estación: 3045 AVELLANEDA ESTE

L LOCAL

AFANONI

902	3045/01	01/10/94	31/10/94	363.00 C	L	3045	CO	L
-----	---------	----------	----------	----------	---	------	----	---

EL RIEL DE AVELLANEDA

749	3045/10	30/08/90	10/06/96	181.00 C	L	3045	CO	L
-----	---------	----------	----------	----------	---	------	----	---

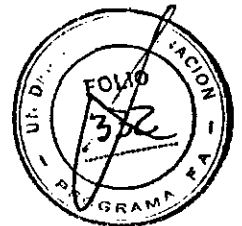
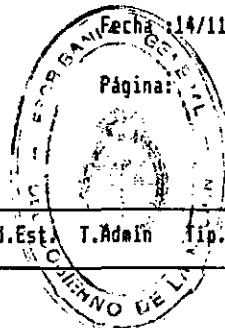
[Handwritten signatures and scribbles]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

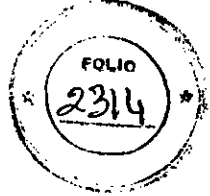
Fecha: 14/11/94

Página: 3

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Admin Tip.Inm.

Estación: 3100 LANUS ESTE

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	T.Admin	Tip.Inm.
L	LOCAL								
CASAS EDELMIRA									
122	3100/11	01/10/94	31/12/94	792.00	C	L	3100	CO	L
123	3100/10	01/10/94	31/12/94	440.00	C	L	3100	CO	L
CELAYA ALBERTO JUAN									
338	3100/01	30/10/89	30/09/95	384.00	C	L	3100	CO	L
CIGOLPAN DE BISCAY Y CIA									
118	3100/02	01/10/94	31/12/94	528.00	C	L	3100	CO	L
CONFITERIA LANUS S.R.L.									
04	3100/03	30/07/90	30/07/98	311.00	C	L	3100	CO	L
DAHROJSE ALEJANDRO ROSA Y GARAVENA									
670	3100/04	30/05/90	30/09/95	270.00	C	L	3100	CO	L
FUNDACION FATALA CHABEN									
830	3100/06	01/03/91	28/02/93	222.00	M		3100	CO	L
GAMBURRETA O.Y MORELLI H.									
120	3100/07	01/10/94	31/12/94	825.00	I	L	3100	CO	L

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 14/11/94

Página: 4

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Adm. Tip.Ina.

Estación: 3101 LANUS OESTE

L LOCAL

NAVARRETE OSCAR O. Y PUPPO JUAN CARLOS

926 3101/14 01/10/94 31/10/94 1200.00 C 3101 CO L



ANEXO



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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

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Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. Admin Tip.Inm.

Estación: 3105 REMEDIOS DE ESCALADA

L LOCAL
COSCIONE LUDOVICA
425 3105/07

01/11/94 31/12/94 253.00 C L 3105 CD L



ANEXO



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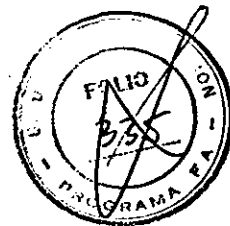
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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 14/11/94

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Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO

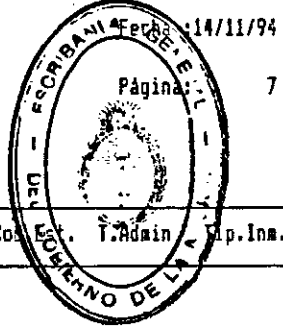


Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod. Tip.Inm.

Estación: 3108 BANFIELD ESTE

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.	Tip.Inm.	
L	LOCAL								
ANTONIO ALVAREZ									
350	3108/02	01/10/94	31/12/94	530.00	C	L	3108	CO	L
BLANDI ATILIO									
937	3108/04	01/01/91	31/12/96	890.00	C		3108	CO	L
CASELLI JUAN DOMINGO									
253	3108/05	01/10/94	31/12/94	495.00	C	L	3108	CO	L
MEDINAVETIA ALBERTO									
754	3108/09	01/10/94	31/10/94	420.00	C	L	3108	CO	L

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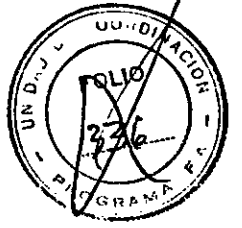
Anexo de Actas de Entrega
 Concesiones Dentro del Area Operativa

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cos. T.Admin. Op.Inm.

Estación: 3112 LOMAS DE ZAMORA ESTE

L	LOCAL									
EL 37 SRL GARCIA Y CARREIRA										
899	3112/08	03/09/94	31/12/94	1870.00	C	L	3112	CO	L	
EL LUCERO S.R.L.										
375	3112/09	01/09/94	30/09/94	638.00	I	L	3112	CO	L	
EXP.V.GALICIA SAN JOSE SRL										
98	3112/10	01/10/93	31/10/93	1793.00	C	L	3112	CO	L	
FUNDACION FATALA CHABEN										
731	3112/12	01/03/91	28/02/93	218.00	M		3112	CO	L	
LOPEZ NELIDA NIEVES										
100	3112/14	01/10/94	31/12/94	390.00	C	L	3112	CO	L	
RAMIREZ TOMAS JULIO										
272	3112/24	30/10/89	30/09/95	120.00	C	L21/1	3112	CO	L	
RODRIGUEZ ARBELLO ARANDA										
222	3112/25	30/10/89	30/09/95	116.00	C	L	3112	CO	L	

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ANEXO

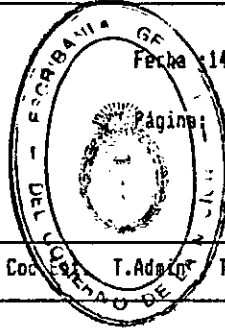


FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha 14/11/94

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Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Co. T.Adm. Tip.Inm.

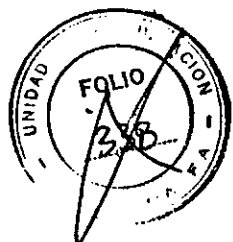
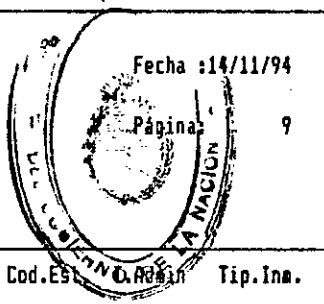
Estación: 3113 LOMAS DE ZAMORA OESTE

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Co.	T.Adm.	Tip.Inm.
L	LOCAL								
ASOC. COOP. HOSP. FERNANDEZ									
947	3113/01	01/10/94	31/10/94	330.00	C	L	3113	CO	L
FUNDACION CHE PIBE									
859	3113/03	01/10/94	31/12/94	275.00	C	L	3113	CO	L
GARCIA RUBEN									
829	3113/04	30/04/96	29/04/96	247.00	C	L	3113	CO	L
OTERO HECTOR									
725	3113/07	30/09/90	30/09/96	945.00	M	L	3113	CO	L

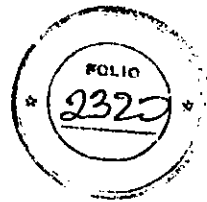


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Anexo de Actas de Entrega
 Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. C.Admin Tip.Inm.

Estación: 3116 TEMPERLEY ESTE

L	LOCAL	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	C.Admin	Tip.Inm.
APANQVI									
1956	3116/05	15/01/91	14/01/94	188.00 M	L	36/10	3116	CO	L
GUILDON HUGO Y OMAR									
208	3116/17	01/09/94	30/09/94	572.00 C	L		3116	CO	L
PIZZERIA ESTRELLA DEL SUR									
456	3116/30	30/11/89	30/09/95	205.00 C	L		3116	CO	L
QUIOSCO TEMPERLEY SRL									
-736	3116/31	01/08/94	31/08/94	680.00 C	L	36/5	3116	CO	L
RAMON ROBERTO ALFONSO									
1797	3116/34	01/10/94	31/12/94	724.00 C			3116	CO	L

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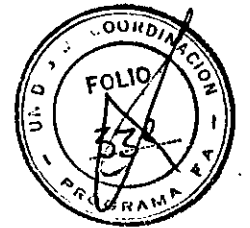
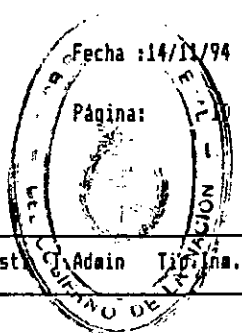
A

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

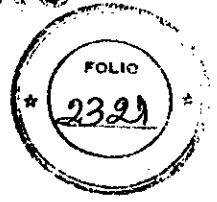
Fecha :14/11/94

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Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. Admin Tip. Ina.

Estación: 3123 ADROGUE

L LOCAL
PEREZ ROBERTO

633 3123/04 01/10/94 31/12/94 630.00 C L 3123 CO L

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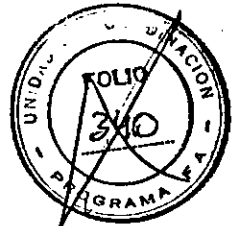
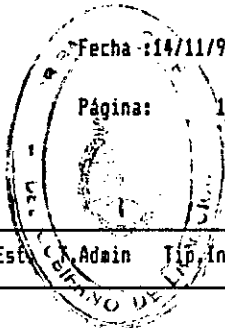
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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

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Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. Admin Tip.Ina.

Estación: 3126 BURZACO

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	Admin	Tip.Ina.
L	LOCAL								
	DE LA MATTA ARNALDO								
4273	3126/07	30/01/91	01/01/00	66.00	C	LB/1	3126	CO	L
	PANNO SALVADOR ANTONIO								
1149	3126/14	01/10/94	31/12/94	749.00	I	L	3126	CO	L

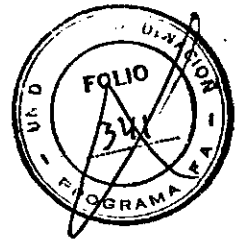
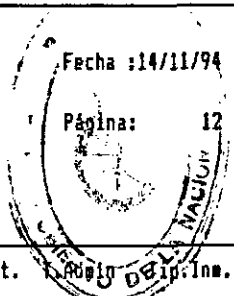
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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha :14/11/94

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Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. Adm. Dep. Inm.

Estación: 3130 LONGCHAMPS

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	Adm.	Dep.	Inm.
L	LOCAL									
	DE CARVALHO JUAN MANUEL									
442	3130/03	01/10/94	31/10/94	550.00	I	L	3130	CO		L
	LOPEZ ANGEL Y MARTINIANO DANIEL									
707	3130/01	01/06/94	30/11/94	576.00	C	L	3130	CO		L

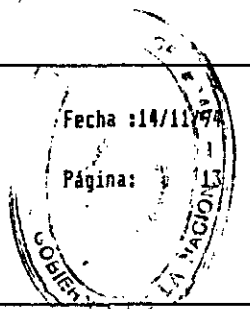
(Handwritten signatures and scribbles)

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha :14/11/94

Página: 113

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



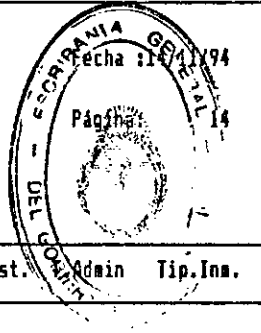
Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Admin Tip.Inm.

Estación: 3135 GUERNICA (PDA.)

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	T.Admin	Tip.Inm.
L	LOCAL								
AGUIRRE JORGE LUIS									
744	3135/01	01/07/94	31/08/94	175.00	C	L	3135	CO	L
GUTIERREZ HECTOR J.Y HORACIO R.									
232	3135/02	01/11/94	31/12/94	429.00	C	L	3135	CO	L

[Handwritten signatures and marks]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II



Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa

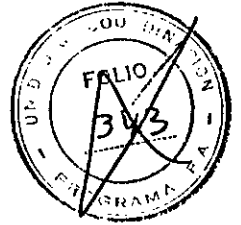
Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. Admin Tip.Ina.

Estación: 3138 ALEJANDRO KORN

L LOCAL

LEZCANO JOSE ALBERTO

168 3138/03 01/10/94 31/12/94 320.00 C L 3138 CO L



ANEXO



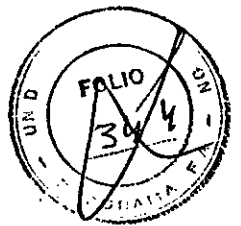
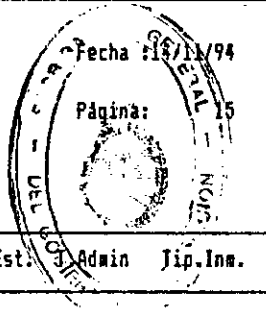
e *A* *f* *A*

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 15/11/94

Página: 15

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



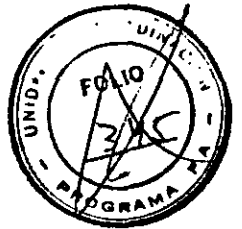
Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. Admin Jip.Inn.

Estación: 3161 MONTE GRANDE

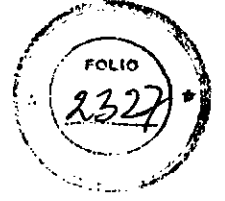
Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	Admin	Jip.Inn.
L	LOCAL								
APANDVI									
898	3161/06	15/01/91	14/01/94	450.00	I	L	3161	CO	L
FRASSIA MARTA E. Y LOUREIRO PAIS									
697	3161/11	01/10/94	31/10/93	440.00	C	L	3161	CO	L
MOLLO ALBERTO									
857	3161/10	01/10/94	31/12/94	242.00	C		3161	CO	L

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Anexo de Actas de Entrega
 Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Admin Tip.Inm.

Estación: 3164 EZEIZA

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	T.Admin	Tip.Inm.
L	LOCAL								
	BRION CARLOS Y CICCIOLO MARIA								
643	3164/03	01/10/94	31/12/94	660.00	C	L	3164	CO	L
	CARITAS								
90023	3164/04	01/05/90	30/04/99	0.00	I	L	3164	CO	L
	CHARLES MORTT ALFONSO Y ARANDA GLORIA DE CHARL								
578	3164/05	01/04/94	30/09/94	513.00	I	L	3164	CO	L
	FUNDACION HTAL.P.ELIZALDE								
1106	3164/06	01/01/00	01/01/00	42.50	P	L	3164	CO	L
	RODOLFO WALTER								
1422	3164/08	01/02/92	31/01/95	565.00	M	L13/7	3164	CO	L
	JULIAN MIRTA SUSANA								
520	3164/09	01/04/93	30/09/93	1950.00	A	L	3164	CO	L

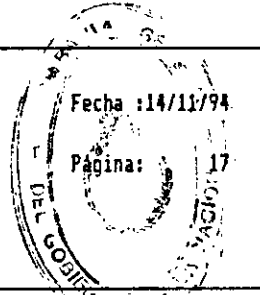
[Handwritten signatures and marks]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA 11

Fecha :14/11/94

Página: 17

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



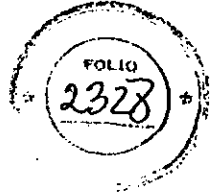
ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Admin Tip.Ina.

Estación: 3195 RAFAEL CALZADA

L LOCAL
SADANOWSKI ANTONIO
157 3195/01

01/10/94 31/12/94 429.00 C L 3195 CD L



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[Handwritten mark]

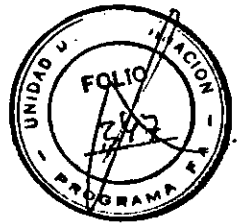
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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 14/11/94

Página: 18

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Admin. Tip.Ina.

Estación: 3202 FLORENCIO VARELA

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	T.Admin.	Tip.Ina.
L	LOCAL								
KEI WAKE									
117	3202/05	01/08/93	30/11/93	470.00	M	L	3202	CO	L
KOPELLMANN CARLOS A.									
443	3202/06	01/09/94	31/10/94	660.00	I	L	3202	CO	L
LIZARRAGA ALBERTO									
543	3202/07	01/10/94	31/12/94	2210.00	C	L	3202	CO	L
MONACO MARIO Y KOPELMAN CARLOS									
593	3202/09	01/09/94	31/10/94	473.00	C	L	3202	CO	L

e

MP

u

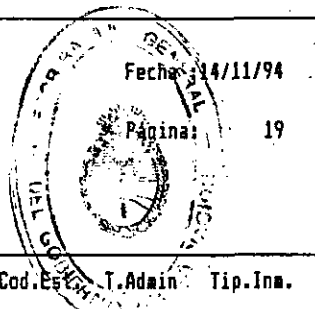
[Signature]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 14/11/94

Página: 19

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Admin. Tip.Inm.

Estación: 3232 BERNAL ESTE

L LOCAL
CAMPD EVA SILVIA
464 3232/01

01/09/94 31/10/94 418.00 C L 3232 CD L

ANEXO



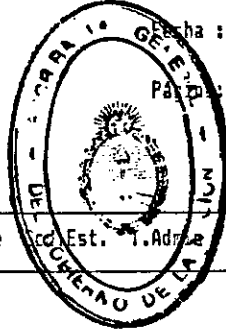
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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

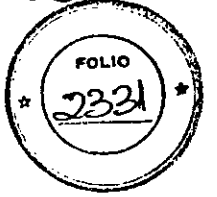
Fecha: 14/11/94

Página: 20

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cto. Est. T. Adm. Tip.Inm.

Estación: 3237 QUILMES OESTE

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cto. Est.	T. Adm.	Tip.Inm.
L	LOCAL								
	BELEN JOSE A. Y PERROTTA HECTOR P.								
291	3237/02	01/11/94	31/12/94	374.00	C	L	3237	CO	L
	SOLLA Y SEDANE								
601	3237/08	01/10/94	31/12/94	693.00	C	L	3237	CO	L

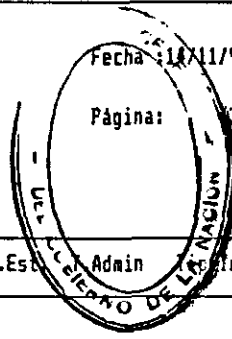
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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 14/11/94

Página: 21

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO

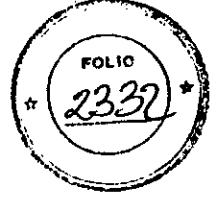
Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. Admin Inm.

Estación: 3240 EZPELETA

L LOCAL

ARCHIPRETI DAMACIO

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon Est.	Expediente	Cod.Est.	Admin	Inm.
439	3240/01	01/11/94	31/12/94	341.00 C	L	3240	CD	L



[Handwritten signatures and scribbles]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

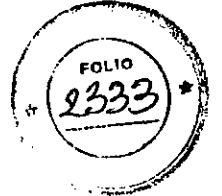
Fecha :14/11/94

Página: 22

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. Cadin Tip

Estación: 3242 BERAZATEGUI

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	Cadin	Tip
L	LOCAL								
CRIMI CARLOS DANIEL									
441	3242/02	01/10/94	31/12/94	660.00	C	L	3242	CO	L
JUSTO MARTIN									
317	3242/03	01/10/94	31/10/94	462.00	C	L	3242	CO	L
PEREZ FELIX VICENTE									
440	3242/06	01/10/94	31/12/94	620.00	C	L	3242	CO	L
SOLLA ROLANDO C.									
733	3242/07	01/12/93	31/12/94	2700.00	M	L	3242	CO	L

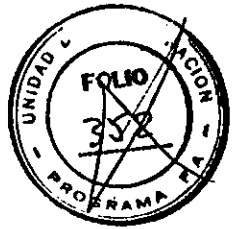
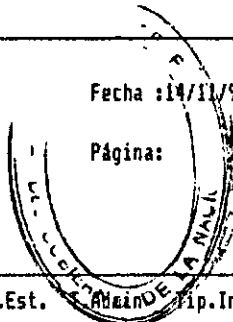
[Handwritten signatures and marks]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 14/11/94

Página: 23

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Concesiones Dentro del Area Operativa

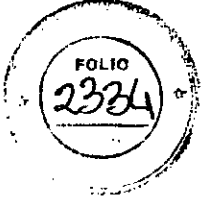


ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. ~~Alm. Inm.~~ Pp.Inm.

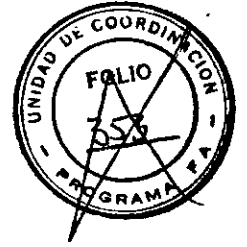
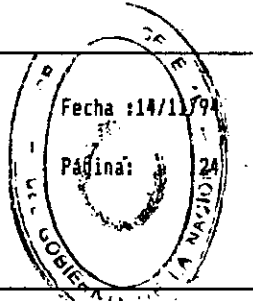
Estación: 3252 VILLA ELISA

L	LOCAL									
	PEREZ BENJAMIN									
25	3252/01	01/11/94	31/12/94	275.00 C	L		3252	CO	L	



[Handwritten signatures and scribbles]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II



Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Admin. Tip.Inm.

Estación: 3254 CITY BELL

L LOCAL
RIGA JOSE LUIS

681 3254/01 01/10/94 31/12/94 330.00 C L 3254 CO L

ANEXO



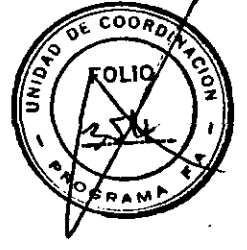
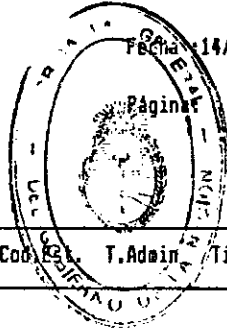
Handwritten marks:
A checkmark on the left.
A signature 'JP' in the middle.
A scribble on the right.
A large handwritten 'A' with a horizontal line through it on the far right.

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha 14/11/94

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Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO

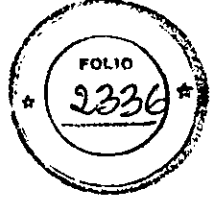
Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Con. Est. T.Admin Tip.Ina.

Estación: 3255 GONNET MANUEL

L LOCAL

SALATINO DOMINGO CARLOS Y SALATINO ALBERTO

374 3255/01 30/11/90 30/09/98 118.00 C L 3255 CD L



Handwritten mark

Handwritten initials 'AP'

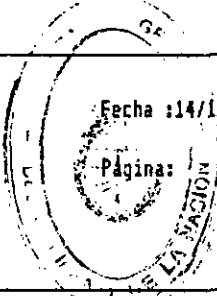
Handwritten signature

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

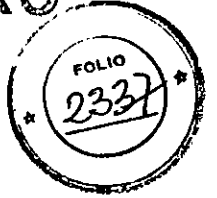
Fecha :14/11/94

Página: 26

Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. T.Admin Tip.Inm.

Estación: 3262 VILLA ESPARA

L LOCAL

LOPEZ AGUSTIN FIDEL

116 3262/01 01/09/94 30/09/94 220.00 C L 3262 CO L

e

AP

u

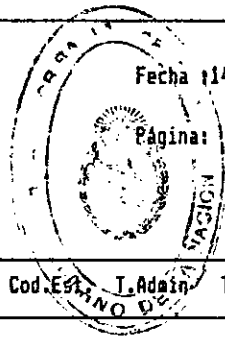
[Signature]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha 14/11/94

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Anexo de Actas de Entrega
Concesiones Dentro del Area Operativa



ANEXO



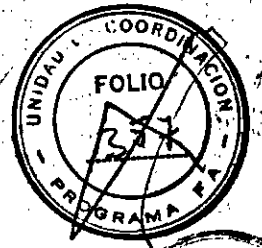
Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. L.Admin. Tip.Inm.

Estación: 3281 LA PLATA

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	L.Admin.	Tip.Inm.
L	LOCAL								
	CARRICONDO VICENTE								
460	3281/02	01/09/94	30/09/94	671.00	C	L	3281	CD	L
	PETRASSO MENCIA Y FROMIGUE								
229	3281/03	01/10/94	31/12/94	500.00	C	L	3281	CD	L

Handwritten marks and signatures at the bottom of the table area.

GRUPO DE SERVICIOS 4
ANEXO XXIV/2
CONTRATOS DE PUBLICIDAD



El Concesionario recibirá las explotaciones publicitarias que se hallan localizadas dentro del Area Operativa provisoria definida en 1.5 de las Condiciones Particulares y planos del Anexo XVI del Contrato de Concesión.

El listado que con carácter provisorio se adjunta, contiene los contratos registrados correspondientes a dichas áreas y será modificado en caso de verificarse diferencias a posteriori.

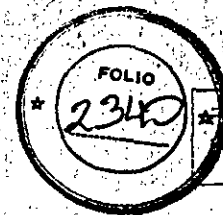
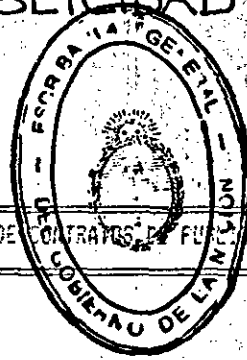
En el período de DIECIOCHO (18) meses posteriores a la fecha de Toma de Posesión se hará, de común acuerdo, la delimitación definitiva del Area Operativa y, por lo tanto, las partes podrán convenir incorporaciones o exclusiones en listado adjunto.

Handwritten signatures and initials:
A group of initials including 'AP', 'MT', and 'Acy' at the top left.
A large signature in the center, possibly 'Humberto...'.
A signature at the bottom right, possibly 'L...'.
Other illegible handwritten marks and initials scattered throughout the lower half of the page.

FERROCARRILES METROPOLITANOS S.A

PUBLICIDAD

LISTADO DE CONTRATOS DE PUBLICIDAD



ANEXO

Permiso	Tipo Doc.	Nro Doc.	Cant. Avisos	Dia de Pago	Linea	Fecha Inicio	Fecha Venci.	Canon	Tipo Pago	Estado
---------	-----------	----------	--------------	-------------	-------	--------------	--------------	-------	-----------	--------

Razon Social : E.A.CARNEVALE Y CIA.

191 LE 7702418 5 15 3 01/07/93 30/11/94 600.00 1 C

Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
2	5.60	4.80	APRESS	3237	1	ESTRUCT.D/F EN TERRENO	1
2	5.60	4.80	APRESS	3237	1	ESTRUCT.D/F EN TERRENO	1
1	11.20	4.80	COCA-COLA	3254	1	CAMINO CENTENARID KM.42	1

Razon Social : ESTELA S.R.L.

195 LE 4148937 1 15 3 01/09/94 30/11/94 182.00 1 C

Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
1	11.00	2.00	AD	3045	1	LATERAL PUENTE	1

Razon Social : DOMAR S.A.C.I.F.

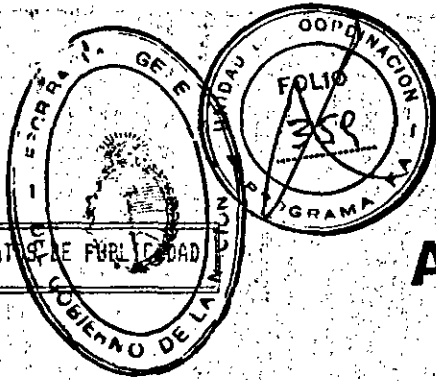
218 DNI -4221841 32 15 3 01/09/94 30/11/94 320.00 1 C

Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
17	0.80	1.20	AD	3161	1	ANDEN ESTACION	1
4	0.80	1.20	AD	3164	1	ANDEN ESTACION	1
2	0.80	1.20	AD	3100	1	ANDEN ESTACION	1
3	0.80	1.20	AD	3116	1	ANDEN ESTACION	1
1	0.80	1.20	AD	3126	1	ANDEN ESTACION	1
1	0.80	1.20	AD	3108	1	ANDEN ESTACION	1
1	0.80	1.20	AD	3242	1	ANDEN ESTACION	1
2	0.80	1.20	AD	3112	1	ANDEN ESTACION	1
1	0.80	1.20	AD	3105	1	ANDEN ESTACION	1

Razon Social : DOMAR S.A.C.I.F.

221 DNI -4221841 6 15 3 01/07/94 30/11/94 60.00 1 C

Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
1	0.80	1.20	SALGUEIRO E HIJOS	3253	1	ANDEN ESTACION	1



Permiso	Tipo Doc.	Nro Doc.	Cant. Avisos	Dia de Pago	Linea	Fecha Inicio	Fecha Venci.	Canon	Tipo Pago	Estado
2		0.80	1.20	M Y S		3100	1	ANDEN ESTACION		1
1		0.80	1.20	CRISTAL-MED		3237	1	ANDEN ESTACION		1
1		0.80	1.20	CRISTAL-MED		3242	1	ANDEN ESTACION		1
1		0.80	1.20	AD		3230	1	ANDEN ESTACION		1

Razon Social : DOMAR S.A.C.I.F.

Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
3	1.60	1.20	AD	3112	1	ANDEN ESTACION	1

Razon Social : DOMAR S.A.C.I.F.

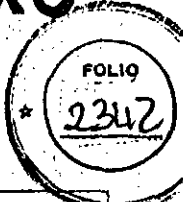
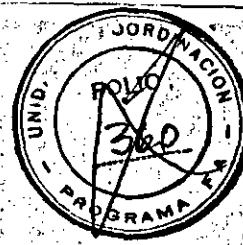
Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
1	2.40	1.20	AD	3112	1	ANDEN ESTACION	1

Razon Social : CARVEL PUBLICIDAD

Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
2	1.60	1.20	GILDO SA. - SALGUEIROS	3242	1	ANDEN ESTACION	1
1	2.40	1.20	GUAMAR	3237	1	ANDEN ESTACION	1
1	1.60	1.20	SALGUEIROS	3237	1	ANDEN ESTACION	1
2	1.60	1.20	LA ZULENITA - INST. POMPEYA	3100	1	ANDEN ESTACION	1
1	1.60	1.20	CULTURAL INGLESA	3108	1	ANDEN ESTACION	1

Razon Social : E.C.SILVETTI PUBLICIDAD S.A.

Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
1	8.00	4.80	RENAULT	3254	1	KM.43 CITY-BELL	1



Permiso	Tipo Doc.	Nro Doc.	Cant. Avisos	Dia de Pago	Linea	Fecha Inicio	Fecha Venci.	Canon	Tipo Pago	Estado
1		8.00	4.80	RENAULT		3254	1	ENTRE POSTES 8 Y 9 A 200		1

Razon Social : FERROCART PUBLICIDAD

270	DNI	5464236	4	15	3	01/09/94	30/11/94	52.00	1	C
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Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
4	1.40	0.50	DIARIO LA GACETA Y EL DIA	3281	1	ANDEN ESTACION	1

Razon Social : VERDAD PUBLICIDAD

272	DNI	13117925	1	15	3	01/09/94	30/11/94	112.00	1	C
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Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
1	8.00	3.60	VW-FORD ZINGARO	3255	1	CAMINO CENTENARIO	1

Razon Social : VERDAD PUBLICIDAD

273	DNI	13117925	3	15	3	01/09/94	30/11/94	345.00	1	C
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Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
1	7.20	3.60	VW-FORD-AUTOFLAN	3254	1	CAMINO CENTENARIO	1
1	8.00	4.80	VW-FORD-ORGANIZACION SUR	3045	1	ALSINA Y AGUERO	1
1	7.20	3.60	VW-FORD-ORGANIZACION SUR	3045	1	PAVON Y DE LA SERNA	1

Razon Social : PUBLICAR PROPAGANDA S.R.L.

299	LE	6077291	9	15	3	01/09/94	30/11/94	5820.00	1	C
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Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
2	1.00	1.00	A	3046	1	AMBOS LATERALES FUENTE	1
2	1.00	1.00	A	3046	1	AMBOS LATERALES FUENTE	1
4	8.00	4.00	A	3206	1	AMBOS LADOS FUENTE S/VIAS	1
1	8.00	3.60	A	3254	1	CAMINO CENTENARIO	1

Handwritten signature/initials

Handwritten signature/initials

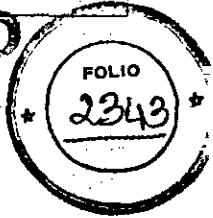
Handwritten signature/initials

FERROCARRILES METROPOLITANOS S.A



Fecha : 15/11/94
Hoja : 1

ANEXO



LISTADO DE CONTRATOS DE PUBLICIDAD

Permiso	Tipo Doc.	Nro Doc.	Cant. Avisos	Dia de Pago	Linea	Fecha Inicio	Fecha Venci.	Canon	Tipo Pago	Estado
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Razon Social : EFFICIENT

309	LE	-4212300	40	15	3	01/09/94	30/11/94	217.00	1	C
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Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
12	1.60	1.20	AFICHES	3004	1	ESTRIBO PUENTE SUAREZ Y	1
8	1.60	1.20	AFICHES	3004	1	ESTRIBO PUENTE CALIFORNIA	1
16	1.60	1.20	AFICHES	3004	1	ESTRIBO PUENTE AV. IRIARTE	1
4	1.60	1.20	AFICHES	3004	1	ESTRIBO PUENTE RIO CUARTO	1

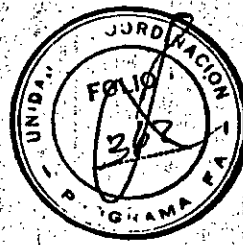
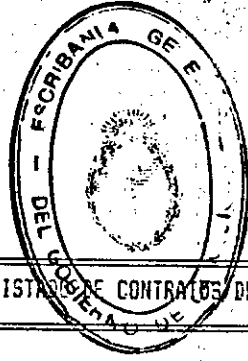
Razon Social : ORGEN PROPAGANDA

324	CI	2882409	13	15	3	01/09/94	30/11/94	338.00	1	C
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Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
4	3.20	2.40	AD	3232	1	AV. ZAPIOLA Y SAN MARTIN	1
2	2.40	1.20	AD	3236	1	ANDEN ESTACION	1
1	2.40	0.80	AD	3236	1	ANDEN ESTACION	1
1	0.80	1.20	AD	3236	1	ANDEN ESTACION	1
2	3.20	2.40	AD	3242	1	PASO A NIVEL CALLE 14	1
1	2.40	1.20	AD	3100	1	ANDEN ESTACION	1
1	3.20	2.40	AD	3100	1	S. DE MONTEVIDEO Y	1
1	2.40	1.20	AD	3108	1	ANDEN ESTACION	1

Handwritten signatures and marks at the bottom of the page.

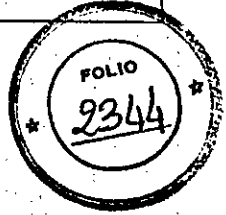
FERROCARRILES METROPOLITANOS S.A



ANEXO

Fecha : 15/11/94
Hoja : 1

LISTA DE CONTRATOS DE PUBLICIDAD



Peraiso Tipo Doc. Nro Doc. Cant. Avisos Dia de Pago Linea Fecha Inicio Fecha Venci. Canon Tipo Pago Estado

Razon Social : PUBLICAR PROPAGANDA S.R.L.

5733 LE 6077291 20 15 3 01/02/95 31/01/95 303.70 1 C

Avisos	Ancho	Alto	Anunciante	Estación	Ubicación	Descripción	Categoría
1	3.20	2.40	AFICHES CAMBIABLES	3100	1	ESTACION LANUS	1
2	3.20	2.40	AFICHES CAMBIABLES	3105	1	ESTACION REMEDIOS DE	1
1	3.20	2.40	AFICHES CAMBIABLES	3106	1	ESTACION BANFIELD	1
2	3.20	2.40	AFICHES CAMBIABLES	3112	1	ESTACION LOMAS DE ZANORA	1
2	3.20	2.40	AFICHES CAMBIABLES	3202	1	ESTACION FLORENCIO VARELA	1
2	3.20	2.40	AFICHES CAMBIABLES	3227	1	ESTACION WILDE	1
2	3.20	2.40	AFICHES CAMBIABLES	3232	1	ESTACION BERNAL	1
4	3.20	2.40	AFICHES CAMBIABLES	3235	1	ESTACION QUILMES	1
2	3.20	2.40	AFICHES CAMBIABLES	3242	1	ESTACION BERAZATEGUI	1
2	3.20	2.40	AFICHES CAMBIABLES	3116	1	ESTACION TEMPERLEY	1

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GRUPO DE SERVICIOS 4

ANEXO XXIV/3

**CONTRATOS DE CONDUCCIONES QUE CRUZAN O
CORREN PARALELAS A LAS VIAS FERREAS**



Se transferirán al Concesionario todos los derechos y obligaciones emergentes de los "permisos precarios de uso", referidos a conducciones que cruzan o corren paralelas a las vías férreas, en los términos indicados en el Anexo XII.

Se adjunta un listado parcial, que contiene aquéllos permisos precarios que FE.ME.SA. ha convenido desde su creación hasta la fecha.

Dentro de los TREINTA (30) días posteriores a la Toma de Posesión, se transferirán el resto de los permisos por los que FE.ME.SA. percibe canon a la fecha. Dicha información será suministrada por el área Contaduría de FE.ME.SA.

Por otro lado, existen permisos de uso gratuito que también se transferirán en los términos del Anexo XII.

Cualquier percepción por este concepto realizada por FE.ME.SA a partir de fecha de Toma de Posesión, será transferida al Concesionario.

[Handwritten signatures and initials]

CRUCES

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 11/11/94

Concesiones - Inmuebles Por Gerencia Operativa



ANEXO



Unidad	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	E-	Clasificación	Valor

Estación: 3046 AVELLANEDA GESTE

CRUCE

RETOGAS 510 CALLE CLAUDIO DE SACAS 1085935

3046/91	31/01/94	0.00	08/1986	3046	CD	CS
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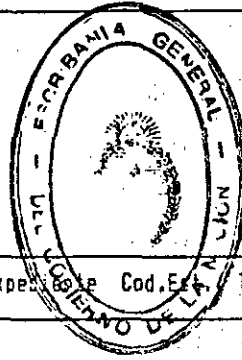
Handwritten signatures and initials:
 On the left, a large cursive signature. In the center, the initials 'AD'. To the right, a large stylized signature that appears to be 'L' followed by a horizontal line and a triangle.

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 11/11/94

Página: 6

Concesiones - Inmuebles Por Gerencia Operativa



ANEXO



Contrato	Inmueble	C.Inicio	Cont.Fin	Canon Est.	Exped. Est.	Cod. Est.	T. Asain	Tip. Inm.
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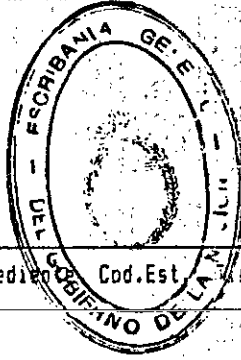
Estación: 3109 BANFIELD OESTE

CS CRUCE
ALMIRANTE BROWN CABLE.

2198	3109/02	19/11/91	19/11/96	1403.00	M	CS	3109/02	3109	CO	CS
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Handwritten signatures and scribbles below the table.

Concesiones - Inmuebles Por Gerencia Operativa



Contrato / Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. Admin. Tip.Ina.

ANEXO



Estación: 3112 LOMAS DE ZAMORA ESTE

Contrato / Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Cod.Est.	Admin.	Tip.Ina.
CS CRUCE ASJAS ARGENTINAS 2074 3112/30	01/08/94	31/07/95	1403.00	C	CS	3112		CS
METROGAS 2110 3112/31	01/07/94	30/06/95	1403.00	C	3112/51	3112	CO	CS
TELEFONICA DE ARGENTINA 114 3112/29	31/05/94	30/05/95	0.00	C	3112/29	3112		CS

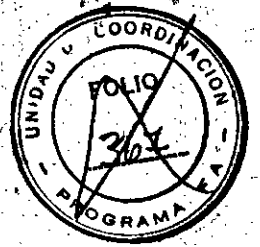
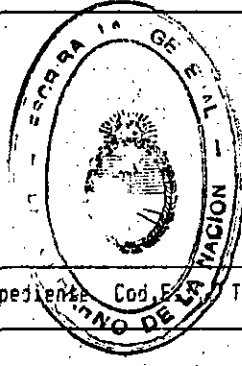
Handwritten signatures and scribbles below the table.

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha : 11/11/94

Página: 6

Concesiones - Inmuebles Por Gerencia Operativa



ANEXO



Contrato / Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod. Ex. T.Admin Fio.Ina.

Estación: 3116 TEMPERLEY ESTE

CS CRUCE

GAS DEL ESTADO CALLE J.VISIR (MANICONE)

94023 3116/15 28/02/91 09/07/98 223.00 C CS 3116 CC CS

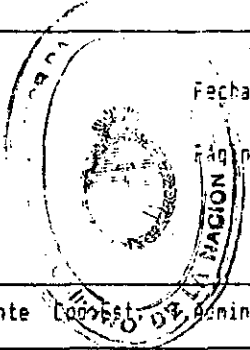
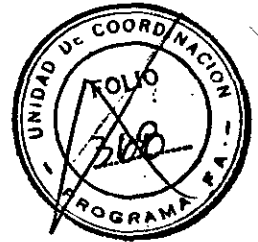
[Handwritten signatures and marks]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha : 11/11/94

Página: 9

Concesiones - Inmuebles Por Gerencia Operativa



ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Corresp. Est. Anin Tip.Inm.

Estación: 3123 ADROGUE

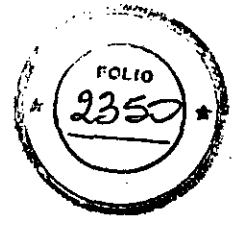
CS CRUCE

ALMIRANTE BROWN CABLE.

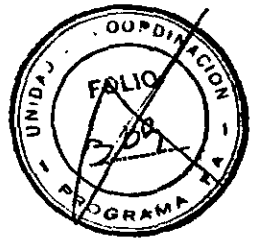
2195 3123/92 19/11/91 19/11/96 1403.00 M. CS 3123/92 3123 00 CS

TELEFONICA DE ARGENTINA

2116 3123/07 15/05/94 14/05/95 0.00 C 3123/07 3123 CS



Handwritten signatures and scribbles at the bottom of the page.



FERROVIARIOS METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 11/11/94

Personal: 10

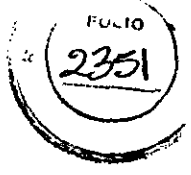
Concesiones - Inmuebles Por Gerencia Operativa

ANEXO

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon Est.	Parcialidad	Co. Est.	Co. Est.	Co. Est.	Co. Est.
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Estación: 3126 BURZACO

CS CAUCE



ALMIRANTE BROWN CABLE.

2196	3126/94	19/11/91	19/11/96	1493.60	CS	3126/94	3126	1	CS
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BASE DEL ESTADO

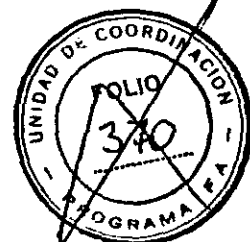
160	3126/07	30/04/89	04/03/97	180.00	CS		3126	1	CS
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Handwritten signatures and marks: a large signature on the left, a small mark in the middle, and a large signature on the right.

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA 11

Fecha : 11/11/94

Folios: 11



Concesiones - Inmuebles Por Gerencia Operativa

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon Est.	Expendidos	Cod.Est.	Adm	Tip.Inc.
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ANEXO

Estación: 3133 BLEW

CS CRUCE



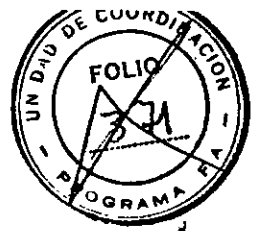
97031	3133/92	03/09/87	04/09/97	446.000	0	CS		3133	CS
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Mr

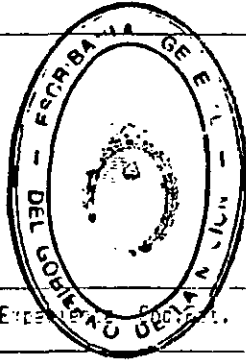
AD

or

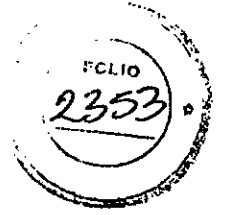
[Signature]



FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II
 Fecha: 11/11/94
 Páginas: 12
 Concesiones - Inmuebles Por Gerencia Operativa



ANEXO



Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expe	T.Admin	Tip.Inm.
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Estación: 3135 GUERNICA (PDA.)

05	CRUCE							
	VIDEO CABLE S. VICENTE							
-2039	3135/05	15/03/94	14/03/95	0.00	F	051-2039	3135	00 05

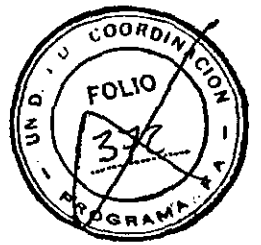
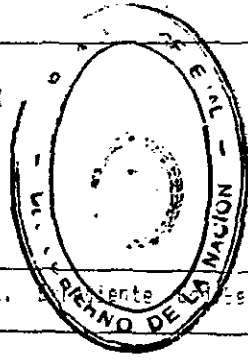
[Handwritten signatures and scribbles]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 11/11/94

Página: 13

Concesiones - Inmuebles Por Gerencia Operativa



ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Fuente Est. Motor Tip.Inm.

Estación: 3138 ALEJANDRO XORN

CS CRUCE

EBERA S.A. - COLON 56, SAN NICOLAS -

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Fuente	Est.	Motor	Tip.Inm.
14584	3138/01	30/03/90	11/09/97	180.00 C	CS		3138		CS
14413	3138/02	30/06/89	02/04/97	271.00 C	CS		3138		CS

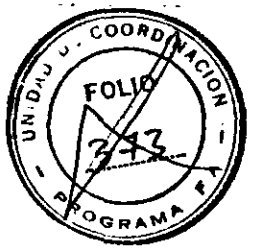
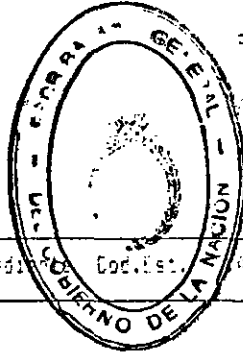


Handwritten signatures and marks at the bottom of the page, including a large stylized signature on the right and initials on the left.

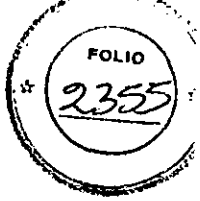
PERIODICARILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha : 11/11/94

Concesiones - Inmuebles Por Gerencia Operativa



ANEXO



Contrato	Inmueble	C.Inicio	Cont.Fin	Canon Est.	Excedi	Cod.Est.	Admin	Tip.Inr.
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Estación: 3141 SAN VICENTE

DE CRUCE

O.S.P.A.

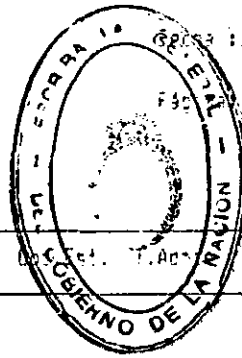
2118	3141/06	25/08/94	24/08/95	0.000	3141/06	3141	03	05
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VIDEO CABLE S. VICENTE

1883	3141/05	31/12/93	30/12/94	0.000	05	3141		05
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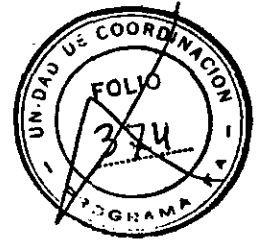
FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Concesiones - Inmuebles For Gerencia Operativa



11/11/94

16



ANEXO



Contrato	Inmueble	C.Inicio	Cont.Fin	Canon Est.	Expediente	Op. del T. Adm.	Cap.Inm.
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Estación: 3152 TURDERA

DE CRUCE
AGUAS ARGENTINAS

2075	3152/91	13/07/94	12/07/95	1400.00	2	25	3152	29	55
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TELEFONICA DE ARGENTINA

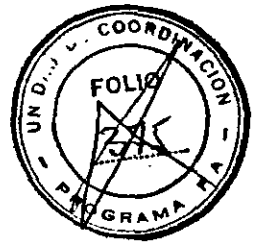
[Handwritten signatures and marks]

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha :11/11/94

Página: 17

Concesiones - Inmuebles For Gerencia Operativa



ANEXO



Contrato Inmueble C.Inicio Cont.Fin Lanch Est. Empeñante Cod.Est. Tip.Inm.

Estación: 3158 LUIS GUILLOM

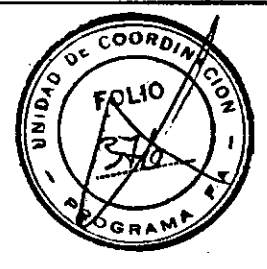
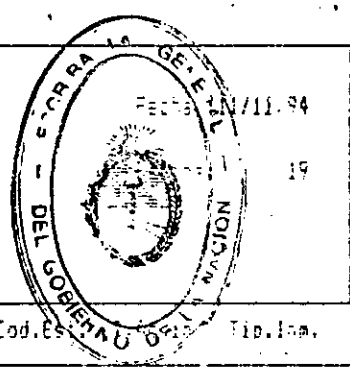
05 CRUCE

AGUAS ARGENTINAS

2076	3158/04	15/06/94	14/06/95	0.00	C	05	3158	03	03
2078	3158/03	30/07/94	29/07/95	0.00	C	05	3158	03	03

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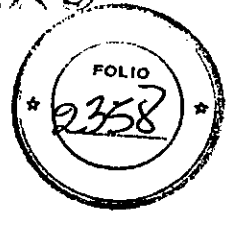
FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II



Concesiones - Inmuebles Por Gerencia Operativa

ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expendiente Cod.Es. Tip.Inm.



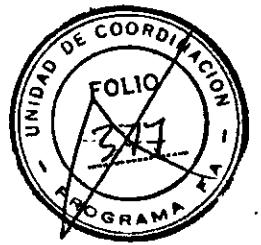
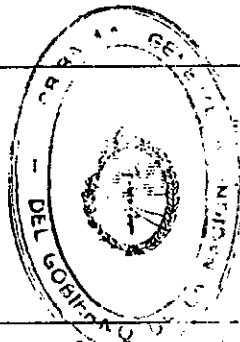
Estación: 3162 EL JAQUEL

S. CRUCE
S.B.A.

2144	3162/01	25/08/94	24/08/95	1400.00 M	55	3162/01	3162	00	06
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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA I



Concesiones.- Inmuebles For Gerencia Operativa

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cód.Est. Área Tip.Inm.

ANEXO

Estación: 3166 UNION FERROVIARIA (AP)

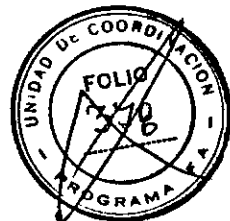
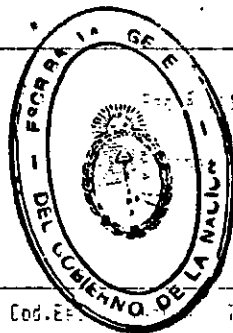


CS CRUCE

METROGAS S.A-CALLE CLAUDIO DE ALAS KM.8,5935-

2111 3166/01 18/05/94 17/05/95 1403,00 M 3166/01 3166 CS CS

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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

11/11/94

Concesiones - Inmuebles For Gerencia Operativa

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Cod.Est. No.Inm.

Estación: 3164 EZEIZA

DS CRUCE

ANEXO



U.S.B.A.

2145 3164/17 25/08/94 24/08/95 0.00 0 05 3164/17 3164 00 05

TELEFONICA DE ARGENTINA

2125 3164/18 31/07/94 30/07/95 0.00 0 05 3164/18 3164 00 05

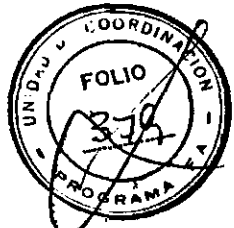
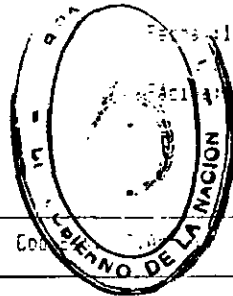
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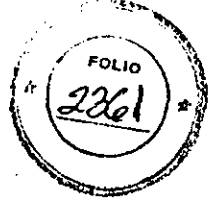
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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II



ANEXO



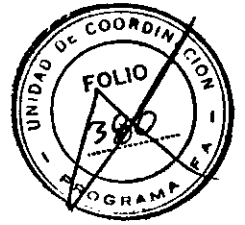
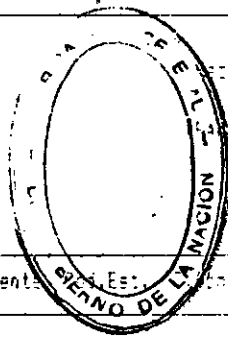
Concesiones - Inmuebles Por Gerencia Operativa

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon Est.	Ejecuente	Coa	Dep.Inm.
Estación: 3177 VICENTE CASARES							
ES CRUCE							
BAS DEL ESTADO CALLE J.VISIR (MANICONE)							
14441	3177/01	30/06/89	02/04/97	271.00 C	CS	3177	CS

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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Concesiones - Inmuebles Por Gerencia Operativa



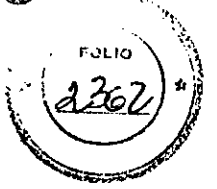
ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canca Est. Expediente Cód. Est. Cód. Cón. Tpo. Inv.

Estación: 3192 JOSE MARMOL

CS CRUCE
ALMIRANTE BROWN CABLE.

Contrato	Inmueble	C.Inicio	Cont.Fin	Canca	Est.	Expediente	Cód. Est.	Cód. Cón.	Tpo. Inv.
2194	3192/05	19/11/91	19/11/96	1403.00	M	CS 3192/05	3192	05	05
2197	3192/06	19/11/91	19/11/96	0.00	C	CS 3192/06	3192	06	05



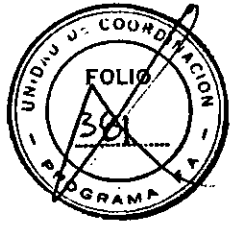
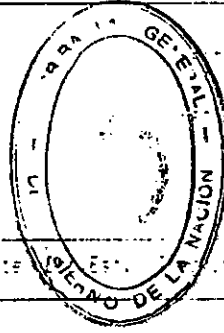
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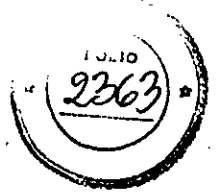
FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA ::



Concesiones - Inmuebles Por Gerencia Operativa

ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canon Ent. Exponente Est. Est. Inc.



Estación: 3202 FLORENCIO VARELA

CRUCE

FERROVIAS S.A.-CALLE CLAUDIO DE ALAS KM.8.5935-
2033 3202/15 01/05/94 30/04/95

0.00 - 05/2033 3202 CD CS

MUNICIPIO DE FLORENCIO VARELA

2091 3202/17 14/02/94 13/02/95

1463,00 M 3202/17 3202 CD CS

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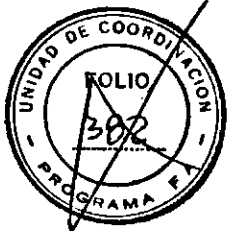
A

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

11/11/94

26

Concesiones - Inmuebles Por Gerencia Operativa



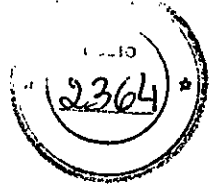
ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Est. Estacion Iso.Ina.

Estación: 3208 BOSQUES

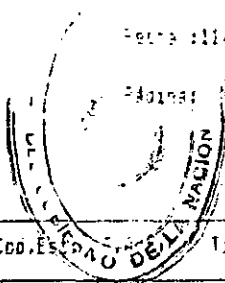
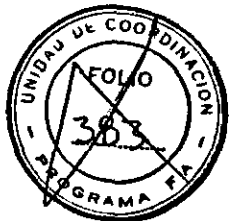
CS CRUCE
SPAR

Contrato	Inmueble	C.Inicio	Cont.Fin	Canon	Est.	Expediente	Est.	Estacion	Iso.Ina.
2019	3208/03	15/03/94	14/03/95	1403.00 F			3208	CS	ES



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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II
Fecha: 11/11/94
Folios: 28
Concesiones - Inmuebles Por Gerencia Operativa



ANEXO

Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expediente Coo.Est. Est. Inc.

Estación: 3230 DON BOSCO



CS CRUCE
BA L ESTADO CALLE J.VISIR (MANICONE)
14527 3230/02 30/04/89 04/05/98 160.00 C CS 3230 00 CS

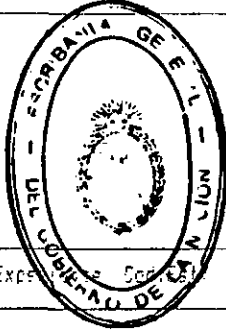
(Handwritten signatures and marks)

FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 11/11/94

Folios: 29

Concesiones - Inmuebles Por Gerencia Operativa



ANEXO

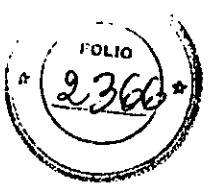
Contrato Inmueble C.Inicio Cont.Fin Canon Est. Expe. Cor. C. Asejo Tip.Ins.

Estación: 3236 QUILMES ESTE

CS CRUCE

QUILMES VIDEO CABLE

2120 3236/08 31/08/94 30/08/95 0.00 0 08 3006/08 3236 08 08



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FERROCARRILES METROPOLITANOS S.A. - GERENCIA OPERATIVA II

Fecha: 11/11/94

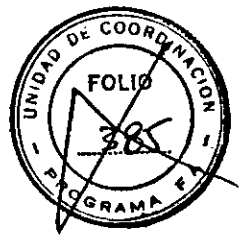
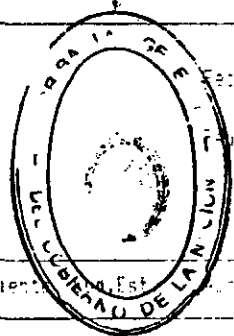
Concesiones - Inmuebles Por Gerencia Operativa

Contrato	Inmueble	C.inicio	Cont.Fin	Canon	Est.	Expediente	Est.	Canon	Fin.ano.
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Estación: 3242 BERRAZATEGUI

CS CRUCE

14567	3242/05	-30/11/89	14/06/99	180.00	CS		3242		CS
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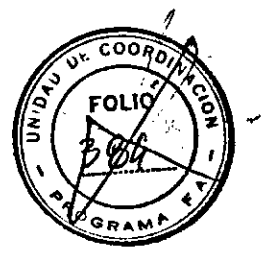
ANEXO



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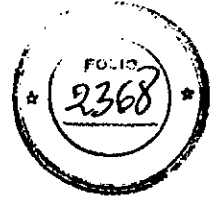
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GRUPO DE SERVICIOS 4

ANEXO XXV

MANTENIMIENTO



Normas de mantenimiento

Como Adjunto A se acompaña un listado general, no específico para el Grupo de Servicios 4, de las normas técnicas más significativas de las áreas Vía, Obras y Material Rodante, que el Concesionario deberá observar.

Las normas disponibles en los archivos técnicos, serán transferidas en los términos del anexo XXIII. Aquellas no transferidas, y que el Concesionario considere necesarias, serán solicitadas a la Autoridad de Aplicación.

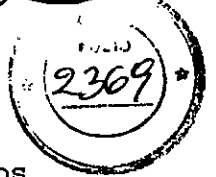
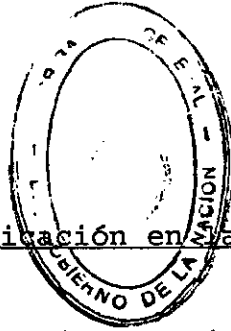
Fichas Técnicas

El Concesionario recibirá las fichas técnicas existentes y toda otra información disponible sobre el mantenimiento de los diferentes elementos.

A partir de la fecha de Toma de Posesión, el Concesionario mantendrá actualizadas las Fichas Técnicas transferidas y toda otra información sobre el mantenimiento de los diferentes elementos, así como las incorporadas por él con posterioridad, de manera que permita a la Autoridad de Aplicación medir el desempeño y el cumplimiento a su cargo, debiendo estar disponibles para consulta propia o de los auditores que ella designe.

Programación del Mantenimiento

El Concesionario elevará a la Autoridad de Aplicación durante todos los años que tenga vigencia el Contrato, una copia de los programas de mantenimiento dentro de los 30 días de iniciado el año. Además de ello, mes a mes se actualizarán los respectivos avances y serán elevados a la Autoridad de Aplicación, indicando las desviaciones si las hubiera.



Facultad de la Autoridad de Aplicación en la inspección de los trabajos de mantenimiento

La Autoridad de Aplicación tendrá libre acceso a los lugares de trabajo o talleres propios o de terceros, donde se estén realizando tareas de mantenimiento, a fin de verificar la calidad de las tareas realizadas, sin interferir en su desarrollo.

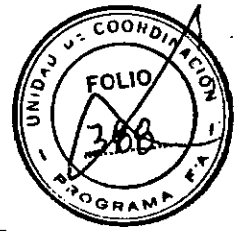
Cuando la Autoridad de Aplicación constatará, en los trabajos de mantenimiento realizados por el Concesionario y/o terceros en la infraestructura, equipos y material rodante, defectos, errores, mala calidad de los materiales utilizados o deficientes procedimientos de trabajo, se procederá de acuerdo a lo establecido en el Artículo 11 del Contrato.

Sin perjuicio de lo dispuesto en el Contrato respecto de las coberturas de seguros comprometidas por una o la otra parte y sin que el presente implique modificación alguna a lo allí establecido, el Concesionario no podrá alegar descargas de responsabilidad por error de interpretación de la documentación técnica, ni fundarse en incumplimientos por parte de su propio personal o de proveedores, salvo casos de sabotaje, fuerza mayor u otra acción similar, de acuerdo a lo establecido en el Contrato. En estos últimos casos la Autoridad de Aplicación y el Concesionario establecerán el mecanismo de solución.

Calidad de los materiales de reposición utilizados en el mantenimiento

Los materiales de reposición utilizados en el mantenimiento relacionados con partes vitales y/o que afecten a elementos de seguridad, deberán ser repuestos legítimos, originales de fabrica, fabricados bajo licencia o de calidad similar al original.

Para los casos en que el Concesionario desee utilizar



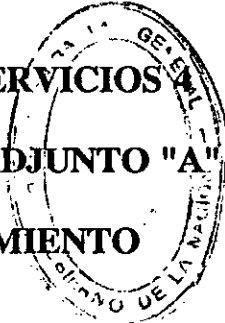
materiales distintos a los tradicionales usados por el Ferrocarril, deberá contar previamente con la autorización de la Autoridad de Aplicación, sin que ello cree ningún tipo de obligación para la autorizante, habiendo consensuado las partes anteriormente : calidad, cantidad de ensayos y análisis, y los institutos o laboratorios que los realizarán. La Autoridad de Aplicación deberá hacer saber sus objeciones dentro de los QUINCE (15) días de haberse notificado, caso contrario se dará por autorizado su uso.

En caso de discrepancia, se podrán requerir los ensayos de calidad de los materiales consensuados en los laboratorios especializados convenidos, por cuenta y cargo del Concesionario. Asimismo éste proveerá el personal necesario para la toma y traslado de muestras.

Handwritten signatures and initials:
- A group of initials on the left: *MS, AP, AT, L*
- A signature *Aery* with an arrow pointing to the initials.
- A large signature *Humberto...*
- A signature *Quinto...*
- A large, stylized signature at the bottom right.

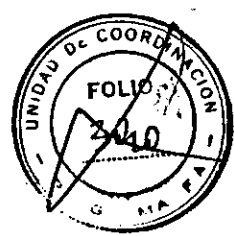
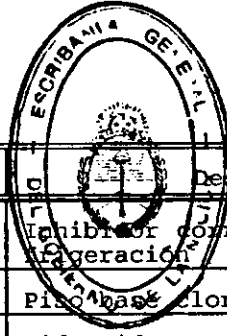


GRUPO DE SERVICIOS
ANEXO XXV / ADJUNTO "A"
MANTENIMIENTO

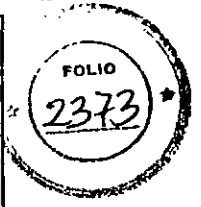
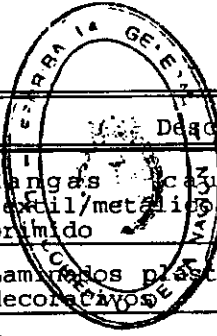
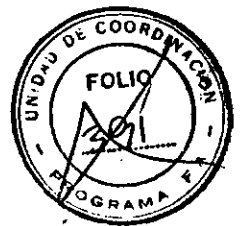


Especialidad	Código	Descripción
Material rodante	FA 003	Carta colores para pinturas
"	FA 0148	Laminados plásticos termo estables decorativos - Met.gral.
"	FA 8001	Enganche central a tornillo
"	FA 8002	Gancho de tracción p/el sistema de enganche
"	FA 8003	Resorte Helicoidales de suspensión para vehículos
"	FA 8004	Barras p/la fabricación de resortes helicoidales de suspensión
"	FA 8005	Ruedas enterizas laminadas para material rodante
"	FA 8006	Ejes para vehículos remolcados
"	FA 8007	Zapatas fundición hierro
"	FA 8008	Anillos rolantes p/cilindro freno vacío
"	FA 8009	Electrodos acero al carbono revestidos p/sold.p.arco
"	FA 8010	Paragolpes para coches y vagones
"	FA 8013	Llantas para vehículos ferroviarios
"	FA 8014	Chapas de acero para vehículos ferroviarios
"	FA 8015	Piezas de aleación Cu/St
"	FA 8017	Ejes acero carbono p/locomotoras
"	FA 8021	Zapatas de freno de composición p/mat. rodante
"	FA 8024	Correas en "V" generadores calefacción/alumbrado
"	FA 8025	Almohadilla lubricadora gorriones de ejes
"	FA 8027	Llantas locotractores Cockerill
"	FA 8028	Fieltro lana asiento coches

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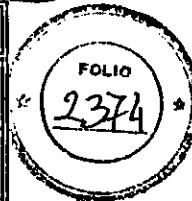
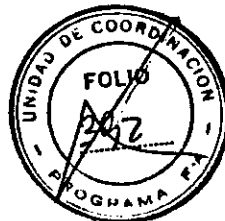


Especialidad	Código	Descripción
"	FA 8101	Inhibidor de corrosión para agua re- generación
"	FA 8105	Piso base cloruro magnesio
"	FA 8106	Hidroxido potasio y litio p/renovación acumul. alcalinos
"	FA 8202	Ensayo revestimiento - niebla sal
"	FA 8203	Definic.Grales. Pinturas, Barni- ces, Afines
"	FA 8204	Pinturas y materias primas
"	FA 8205	Removedores no inflamables
"	FA 8206	Barnices interiores y exteriores
"	FA 8210	Disolvente para lacas nitroceluló- sicas
"	FA 8211	Pinturas esmalte sintético brillante
"	FA 8212	Pinturas métodos de ensayo genera- les
"	FA 8213	Aguarrás mineral
"	FA 8214	Pintura antióxido de fondo - cro- mato zinc
"	FA 8215	Wash primer vinílico
"	FA 8220	Pinturas aluminio resistente calor
"	FA 8225	Pinturas esmalte sintéticas moto- res y salas de máquinas
"	FA 8228	Masilla plástica.
"	FA 8229	Normaliz. colores acabado brillan- te
"	FA 8304	Grasa rodamientos puntas de eje
"	FA 8306	Aceite carter Locs.D.E.
"	FA 8308	Aceite lubric. Puntas eje
"	FA 8311	Grasa rodamiento en gral.
"	FA 8313	Aceite convertidor hidráulico CCM FIAT
"	FA 8324	Combustible locs diesel eléctricas
"	FA 8401	Amortiguadores caucho tipo spencer
"	FA 8402	Mangas de caucho freno vacío
"	FA 8404	Pisos caucho para coches
"	FA 8405	Espuma poliuretano tapicería co- ches



Especialidad	Código	Descripción
"	FA 8407	Mangas caucho refuerzo textil/metálico frenos aire comprimido
"	FA 8408	Laminados plásticos termoestables decorativos
"	FA 8410	Mangas caucho refuerzo textil/metálico cond. agua
"	FA 8411	Burletes caucho vulcanizado puertas y ventanas coches
"	FA 8414	Espuma flexible tapicería coches
"	FA 8415	Placas caucho fuelles intercomunicación
"	FA 8502	Tela recubierta plástico vinílico tapizado asientos
"	FA 8601	Lámparas eléctricas para vehículos ferroviarios
"	FA 8608	Escobilla de carbón p/máquinas eléctricas
"	FA 8712	Mat. antifricción cojinetes coches y vagones
"	FA 8938	Filtros celulosa aceite y combustible
"	FAT 0003	Dispos.conf. planos
"	FAT 0004	Definición gálibos
"	FAT 0053	Mat.Rod.calificación no standard
"	MR-500	Calado ruedas en ejes
"	MR-501	Calado manguitos apodamiento par montado nuevo
"	MR-502	Calado ruedas con suplemento
"	MR-505	Montaje rodam.a rodillo c/mang.cónico coches remolcados y motores
"	MR-600	Mat.rod.nomencl. partes ejes
"	MR-601	Mat.rod.nomencl. partes ruedas enterizas
"	MR-602	Mat.rod.nomencl. partes ruedas en llantas
"	MR-603	Mat.rod.nomencl. perfil rodadura ruedas
"	MR-604	Mat.rod.sist. referencia identif. partes vehículos
"	MR-608	Mat.rod.nomencl. aparato automático enganche tracción y choque

3

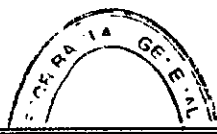


Especialidad	Código	Descripción
"	MR-609	Mat.rod.nomencl. manguitos a rodamiento
"	MR-610	Mat.rod.sist. referencia identif. partes montadas
"	MR-703	Insp.degradación frec.perfil rodadura
"	MR-704	Mat.rod. geom.pares montados
"	MR-706	Mat.rod. enganche central
"	E-708	Aparato autom. enganche tracción coche CCMM FIAT
"	MR-709	Parag.norm. a fricción
"	E-726	Altura de enganche
"	MR-728	Tolerancias montaje paragolpes
"	LDE-729	Locomotoras-geometría ejes
"	C-730	Coches-geometría ejes
"	E-732	Condic.téc.n.insp.y recup.amort.milner A22XL
"	E-733	Cond.téc.n.retiro scio-apar.eng.trac.y choque FIAT
"	MR-734	Amort.normaliz. a fricción en gancho
"	E-736	Enganche apar.aut.enganche - coche FIAT
"	MR-737	Condic.téc.n.insp. parag.fricción
"	MR-803	Mat.rod.condic.eléctricas pares montados de ruedas
"	1200	Baterías acum.alcalinos
"	1201	Acumuladores eléctricos plomo/calicio
"	V-1410	Equipo freno vacío -verif.cil.freno a aro rodante 18"
"	V-1411	Valv.afloj.freno vacío
"	V-1412	Equipo freno vacío ensayo eficiencia
"	V-1413	Freno vacío - mangas acoplamiento
"	MRe-1414	Equipo freno vacío - rev.ordinaria en trenes
"	CV-1418	Equipo freno vacío - verif .cil freno 24"
"	MRe-1422	Cond.homologación zapatas composición

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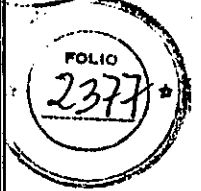
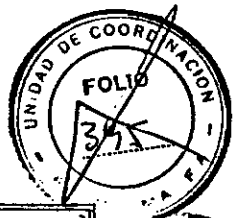


Especialidad	Código	Descripción
"	C-1704	Pisos p/coches pasaj.y locs.
"	C-1706	Adhesivos p/revestim.pisos
"	CV-2014	Zapatas de freno normalizadas fundición hierro
"	CV-2018	Zapatas de freno normalizadas de composición
"	MR-2019	Material rodante - gancho tracción
"	MR-2020	Material rodante - enganche central a tornillo
"	MR-2029	Esquema protección poliuretano
"	C-2030	Coche eléct.inglés - manten.timonería
"	LDE-2035	Zapatas normaliz.fund.hierro c/o-reja y respaldo locs. D.E.
"	CE-2036	Zapatas normaliz.fund.hierro con pestaña
"	MRe-2039	Fuelles intercom. a tubos (bourrelet)
"	MRe-2040	Remetalado cojin.fricción para ejes coches
"	MRe-2042	Pintados sintético vehículos ferroviarios
"		Alco RSD 16 - cartilla mantenimiento (y GAIA)
"		General Motors - cartilla mantenimiento
"		General Electric - cartilla mantenimiento
"		Coches remolcados - cartilla mantenimiento
"		Coches eléctricos japoneses TOSHIBA - cartilla mantenimiento
"		Coches eléctricos japoneses (ex Roca) - cartilla mantenimiento
"		Coches Motores Diesel 7131 Cart. Manten.
"		Coches Motor Liviano Cart. Manten.
Vía	V.O. N° 1	Estructura, balastado y conservación de la vía
"	V.O. N° 2	Perfiles transv., tipos de vías. Principales balastadas



Especialidad	Código	Descripción
"	V.O. N° 3	Colocación de la vía, peralte, curvas de transición y enlace
"	V.O. N° 4	Rectificación del trazado de las curvas por el método flechas
"	V.O. N° 5	Organización de la conservación de las vías
"	V.O. N° 6	Instrucciones para la realización y empleo registro Dresina
"	V.O. N° 7	Alineación de vías
"	V.O. N° 8	Información sobre deformación de la vía
"	V.O. N° 9	Colocación, vigilancia y conserv. de rieles largos soldados
"	V.O. N° 10	Anclaje de las j
"	V.O. N° 11	Colocación de fijaciones elásticas sobre durmientes de madera
"	V.O. N° 12	Anclas de doble cierre lateral, colocación y extracción
"	V.O. N° 13	Apilado de durmientes
"	V.O. N° 14	Sobreancho de trocha
"	V.O. N° 15	Vigilancia de las luces de dilatación y corrección
"	V.O. N° 16	Verificación y corrección de la trocha
"	V.O. N° 17	Conservación de aparatos de vía
"	V.O. N° 18	Tratamiento de juntas
Material Vía y obras	FA 7001	Soldadura aluminotérmica
"	FA 7002	Clavos de gancho para vía
"	FA 7004	Clavos elásticos para vía
"	FA 7006	Bulones para vía
"	FA 7007	Placas acanaladas de caucho para asiento riel
"	FA 7008	Arandela elástica para bulones de vía
"	FA 7009	Pala punta corazón
"	FA 7010	Pala ancha- pala de puntear media luna
"	FA 7011	Pico pisón
"	FA 7012	TranCHA para cortar rieles en frío

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Especialidad	Código	Descripción
"	FA 7013	Picos de dos puntas
"	FA 7014	Pico de punta y corte
"	FA 7015	Eclisás
"	FA 7016	Pernos con ranura para circuito de vía
"	FA 7021	Placa de madera para apoyo de riel
"	FA 7024	Durmientes de quebracho blanco para preservar
"	FA 7025	Durmientes de quebracho colorado, Guayacán y Urunday
"	FA 7027	Anclas para vía tipo T
"	FA 7028	Brocas para madera dura para tala-dro mano
"	FA 7029	Pieza acero moldeado austenítico para cruzamiento
"	FA 7030	Durmiente de H°A° pretensado tipo monobloque
"	FA 7031	Durmiente de H°A° tipo mixto
"	FA 7032	TranCHA para cortar rieles en ca-liente
"	FA 7034	Tirafondos para vía
"	FA 7035	Barretas para clavos de gancho y de otros tipos de uso
"	FA 7036	Silletas para acero laminado para vía - característica
"	FA 7037	Clepes elásticos y plaquetas de apoyo para fijación riel
"	FA 7038	Mangos para palas
"	FA 7040	Balasto grado A
"	FA 7041	Elementos de transmisión mecánica para cambios de vía
"	FA 7046	Silletas para vía de fundición maleable de corazón negro ferrítico
"	FA 7047	Horquilla para balasto
"	FA 7048	Clepes elásticos VNI, VSI y pla-quetas de apoyo fij. riel
"	FA 7049	Anclas de vía de doble cierre la-teral
"	FA 7050	Llave para tirafondos
"	FA 7051	Pico de punta y hoja de laurel

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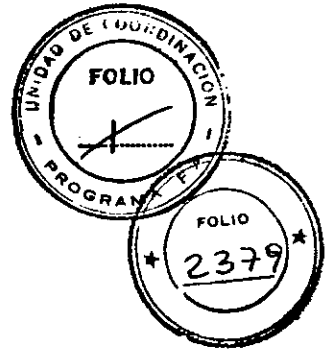


Especialidad	Código	Descripción
"	FA 7055	Creosota para preservación de maderas
"	FA 7056	Durmientes de quebracho blanco con tratamiento preservador
"	FA 7057	Piezas de acero moldeado austenítico para cruzamiento
"	FA 7058	Balasto grados B, C, D y E
"	FA 7059	Faroles para señales
"	FA 7062	Mangos para picos
"	FA 7063	Picos medida de ojo
"	FA 7064	Silletas para vía de acero moldeado
"	FA 7065	Rieles
"	FA 7066	Ligas para conex. elect. soldadas aluminocuprotérmicas
"	FA 7067	Geotextiles para saneamiento de plataformas ferroviarias
"	FA 7068	Juntas aislantes coladas
"	s/n	Instruc. proyecto y ejecución de pilastra de durmientes
Obras	Proyecto	Instruc. Organización, vigilancia y mantenimiento obras de arte
Vía	Res 887/66	Normas técnicas para construcción y renovación de vía
Vía y obras	Res 887/66	Esp. técnica trabajos de mov. de tierra y limpieza terreno
Material de vía y obra	FA 8609	Liga de cobre laminado para riel de retorno
"	FA 8904	Herbicidas
"	FA 8927	Producto de terapéutica vegetal
"	FA 8700	Metales y aleaciones
Vía	s/n	Procedimiento y directivas para el uso de herbicidas
"	s/n	Normas para manipuleo y aplicación de herbicidas
"	Res 3380/78	Provisión de balasto
"	s/n	Planilla de recepción de trabajos de Vía
"	s/n	Norma transitoria para la clasificación de material de vía

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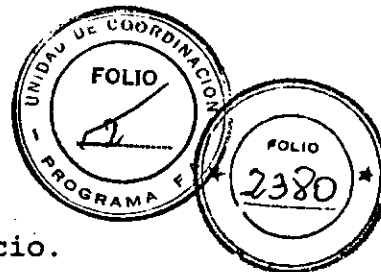
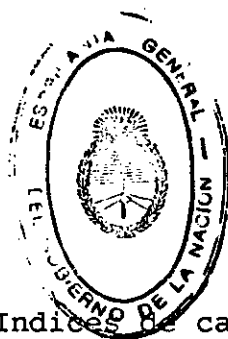
Cuadro de tarifas (en pesos).

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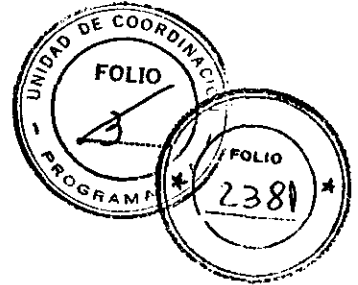
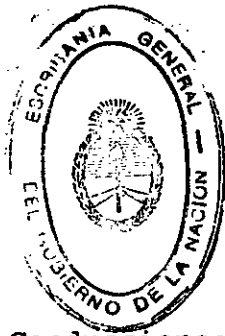
1. Servicio a prestar.
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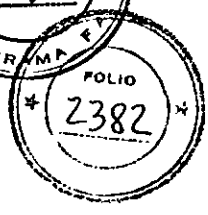
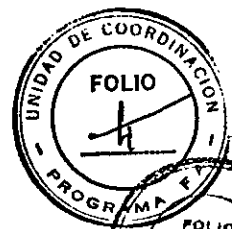
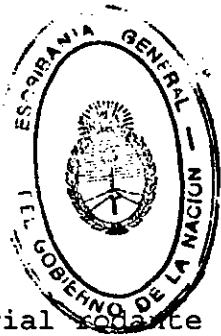
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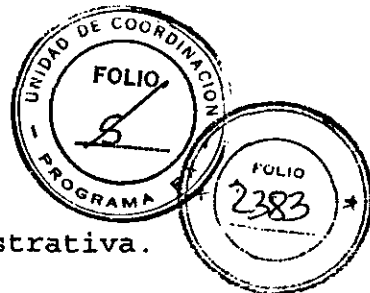
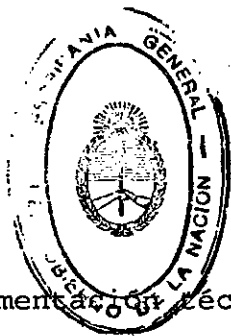
Inventario de materiales y repuestos a transferir.

Anexo XXII

Inventario de órganos de parque a transferir.

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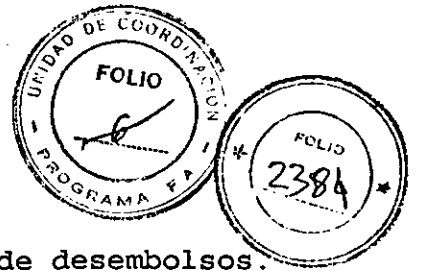
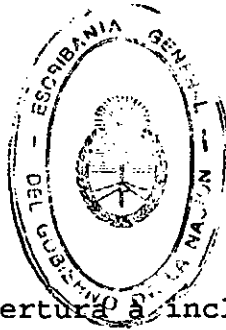
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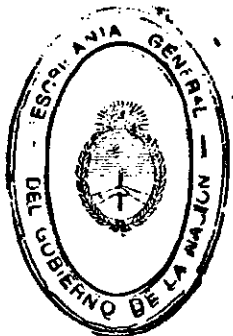
GRUPO DE SERVICIOS 4
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GRUPO DE SERVICIOS 4

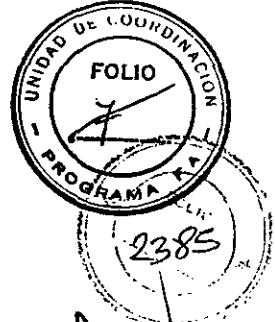
ANEXO XXVI/1

CRONOGRAMA DE INVERSIONES Y COTIZACION TOTAL SEGUN OFERTA

	DESCRIPCION	FECHA DE INICIO		FECHA DE TERMINACION		COTIZACION (MILES DE \$)
		TRIMESTRE	AÑO	TRIMESTRE	AÑO	
1	Adaptación coches remolcados intermedios clase única para servicios de tracc. y emp.	III	1	IV	2	611
2	Adaptación coches cabina clase única para servicios de tracción y empuje	III	1	IV	2	767
3	Reconstrucción de coches remolcados clase única	II	4	IV	5	4,240
5	Equipos					(1)
5.1	Adquisición equipos, compresor aire estacionario	II	3	IV	5	115
5.2	Adquisición equipos, autoelevador frontal	II	3	IV	5	113
5.3	Adquisición equipos, gatos elevadores	II	3	IV	5	113
5.4	Adquisición equipos, encarrilador hidráulico	II	3	IV	5	113
5.5	Adquisición equipos, centrifugadora purificadora para gas oil	II	3	IV	5	113
6	Renovación de vías y trabajos complementarios entre Km 30.069 y Km 40.034 (Glew-A. Korn)	IV	4	I	6	13,152
7	Renovación vías entre Km 17.448 y Km 19.700 (Sector Temperley-Mármol) y renovación Km 43.624 y Km 44.254 (Sector Temperley-Villa Elías)	II	4	IV	4	3,698
8	Mejoramiento de vía entre Km 35 y Km 52 (Sector Pereyra-La Plata)	I	3	IV	3	8,746
9	Renovación vías y cambios Plaza Constitución	II	8	III	9	11,608
10	Ren. Vías y trabajos complementarios entre Km4 y Km20 (Sector Avellaneda-Ezeleita)	II	4	IV	5	15,947
11	Ampliación plataformas en estaciones	II	1	III	8	1,344
12	Ampliación haves de alistamiento diario depósito Llavallol	I	3	IV	3	2,060
14	Reparación Viaducto Sarandí	I	2	IV	3	7,464
15	Construcción cruces peatonales a distrito nivel	I	8	II	10	1,096
16	Modificación depósito Tolosa	I	4	III	5	2,292
17	Modificación depósito Temperley	II	2	IV	3	782
18	Señalamiento automático Glew - A. Korn	III	3	III	5	22,359
19	Reemplazo máquinas de cambio Plaza Constitución	II	9	IV	10	8,615
20	Sistema radioeléctrico troncalizado de comunicaciones operativas	II	2	IV	4	3,497
21	Compensación del factor de potencia Subestación Temperley	II	3	IV	3	138
22	Electrificación Glew - A. Korn	I	4	III	5	6,398
24	Puente sobre arroyo Las Conechitas Km 27.312 (Sector Berazategui-Plátanos)	II	3	IV	3	1,280
25	Adaptación del taller de coches eléctricos Remedios de Escalada	III	1	III	2	2,477
26	Puente peatonal sobre vías ex-FC Roca, calles 1 y 530, Partido de La Plata	I	3	IV	3	57
27	Cruce bajo nivel Av. 7 Est. Ringualeu	III	4	IV	5	1,439
28	Equipamiento para taller coches eléctricos Remedios de Escalada	III	1	IV	2	5,930
29	Cruce bajo nivel Plaza Suiza (Bernal)	III	3	IV	4	2,322
30	Cruce bajo nivel Larroque	II	8	III	7	7,111
	Total					135,971



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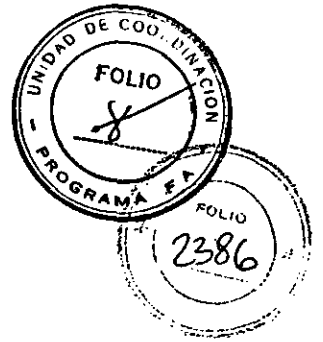
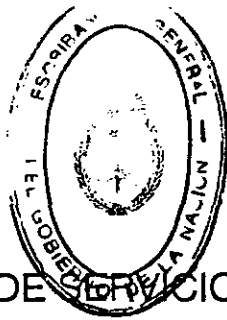
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Grupo de Servicios 4

Anexo XXVI/1



GRUPO DE SERVICIOS 4

ANEXO XXVI/1 ADJUNTO "A"

SUBPROGRAMA Nº 3 : RECONSTRUCCION DE COCHES REMOLCADOS COTIZACION DE ELEMENTOS EVENTUALES

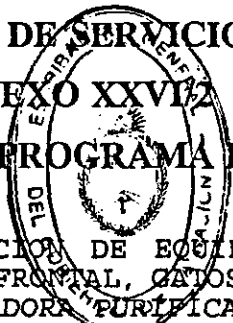
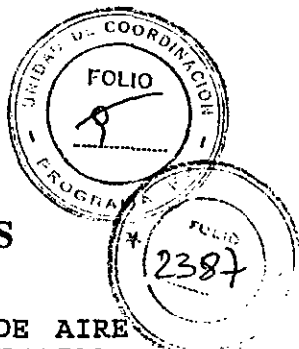
A valores de Junio de 1992

ITEM	DESCRIPCION	PRECIO UNITARIO (\$)
1	EJE DEL PAR MONTADO	2,976.10
2	DISCO DE RUEDA	637.12
3	LLANTAS DE RUEDA	752.40
4	CAJAS DE PUNTA DE EJE	215.60
5	RODAMIENTOS DE PUNTA DE EJE (SKF 22326 CK - C3)	209.44
6	GANCHO DE TRACCION	1,673.70
7	ENGANCHE DE TRACCION	1,213.50
8	PARAGOLPE	1,007.60
9	CILINDRO DE FRENO DE VACIO	3,744.40
10	GENERADOR CORRIENTE CONTINUA XR-29L	5,958.40
11	TABLERO DE CONTROL D300/T2E	1,225.80
12	TABLERO DE ILUMINACION	1,638.50

GRUPO DE SERVICIOS 4

ANEXO XXVII

ACLARACIONES AL PROGRAMA DE INVERSIONES



SUBPROGRAMA N° 5: ADQUISICION DE EQUIPOS: COMPRESOR DE AIRE ESTACIONARIO, AUTOELEVADOR FRONTAL, CANTOS ELEVADORES, ENCARRILADOR HIDRAULICO Y CENTRIFUGADORA PURIFICADORA PARA GAS OIL.

El precio cotizado incluye la provisión de la totalidad de los equipos solicitados en el pliego.

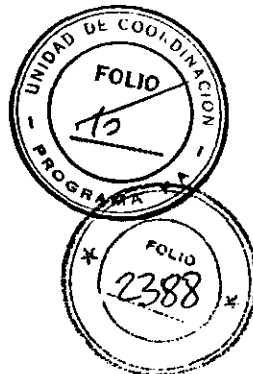
SUBPROGRAMA N° 6: RENOVACION DE VIAS Y TRABAJOS COMPLEMENTARIOS ENTRE KM. 30,069 Y KM. 40,034 (Sector Glew - A. Korn)

Analizada la cotización de esta obra, se han encontrado diferencias en los subítems o ítems correspondientes a los aparatos de vía, entre las cantidades cotizadas y las que surgen del Pliego de Condiciones Particulares.

En estos casos, las diferencias se resolverán pagándose al Concesionario las cantidades del subítem o ítem realmente ejecutadas, al precio unitario que surja de dividir la cotización de la oferta para ese ítem o subítem, por las unidades cotizadas. Las cantidades reales a ejecutar, que no deberán superar los valores cotizados en la oferta, se determinarán en el momento de efectuar el relevamiento definitivo tal como lo indica el pliego de Condiciones Particulares.

SUBPROGRAMA N°7: RENOVACION DE VIAS ENTRE KM. 17,448 Y KM. 19,7 (Temperley - Mármol) Y ENTRE KM. 43,624 Y KM. 44,254 (Temperley - Villa Elisa)

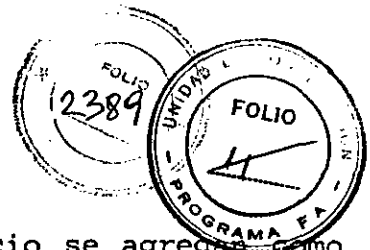
El precio total cotizado incluye todos los trabajos y provisiones indicados en el pliego.



MODIFICACIONES QUE LAS PARTES HAN ACORDADO INTRODUCIR AL PROGRAMA DE INVERSIONES QUE OBRA BAJO ANEXO XXVI/1

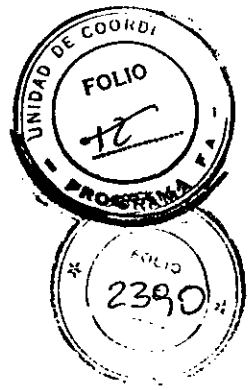
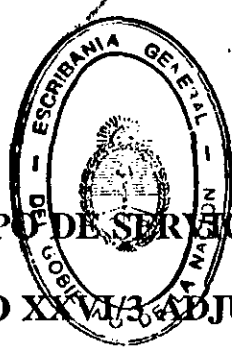
- a) Se adelanta la ejecución del Subprograma 3, "Reconstrucción de 20 coches remolcados de clase única", a los años 1 y 2 de la Concesión.
- b) Se adelanta a los años 1 y 2 de la Concesión la ejecución de los Subprogramas: 10, "Renovación de vías y trabajos complementarios entre km.4 y km.20, sector Avellaneda - La Plata"; 14, "Reparación del Viaducto Sarandí"; y 24, "Puente sobre el arroyo Las Conchitas".
- c) Se adelanta el Subprograma 21, "Compensación del factor de potencia en la Sub Estación Temperley", al año 1 de la Concesión.
- d) Se posterga a los años 7 y 8 el Subprograma 6, "Renovación de vías y trabajos complementarios entre km. 30,069 y km. 40,034 del sector Glew - Alejandro Korn.
- e) Se acota la ejecución del Subprograma 11, "Ampliación de plataformas en estaciones", realizándolo entre los años 3 y 6 ; y se posterga al año 8 el Subprograma 26, "Puente peatonal sobre vías del ferrocarril en calles 1 y 530, La Plata".
- f) Se realizará totalmente en el año 3 de la Concesión el Subprograma 20, "Sistema radioeléctrico troncalizado de comunicaciones operativas".
- g) Se incorpora para su ejecución en los años 1 y 2 de la Concesión el Subprograma: 31, "Provisión de 5 locomotoras nuevas de aproximadamente 2.500 HP", cuyo costo total a moneda de diciembre de 1994 es de \$ 11.787.848 (PESOS ONCE MILLONES, SETECIENTOS OCHENTA Y SIETE MIL OCHOCIENTOS CUARENTA Y OCHO). Las características técnicas de estas

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locomotoras y la cotización de su precio se agregan como Adjunto "A" del presente Anexo. La provisión incluye elementos opcionales de la locomotora y, asimismo, un lote de repuestos y otro de herramientas que se incorporarán al inventario de bienes recibidos en la Concesión.

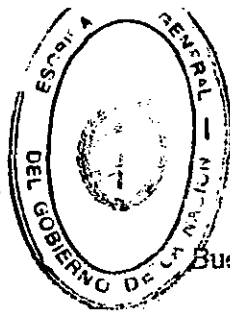
- h) Se incorpora para su ejecución en los años 1 y 2 de la Concesión el Subprograma 32, "Reparación de 7 locomotoras diesel eléctricas General Motors modelo GT 22 que facilitará el Concedente", cuyo costo total a moneda de diciembre de 1994 es de \$ 1.901.114 (PESOS UN MILLON, NOVECIENTOS UN MIL CIENTO CATORCE). La provisión incluye la ejecución de todos los trabajos y el suministro de todos los repuestos y órganos necesarios. La especificación técnica de los trabajos a realizar en estas locomotoras y la cotización de su precio se agregan como Adjunto "B" del presente Anexo.
- i) Se deja sin efecto el Subprograma 22, "Electrificación sector Glew - Alejandro Korn" y el Subprograma 18 "Señalamiento automático" en el mismo sector.
- j) Se deja sin efecto la ejecución de los Subprogramas: 9, "Renovación de vías, cambios y trabajos complementarios en estación Plaza Constitución, playa este"; y 19 "Reemplazo de máquinas de accionamiento de cambios en estación Plaza Constitución, playa este".
- k) Se dejan sin efecto los Subprogramas 27, "Cruce bajo nivel Avenida 7, estación Ringuelet"; 29, "Cruce bajo nivel Plaza Suiza, Bernal"; y 30, "Cruce bajo nivel Km 13,260, calles Larroque - Chacabuco".



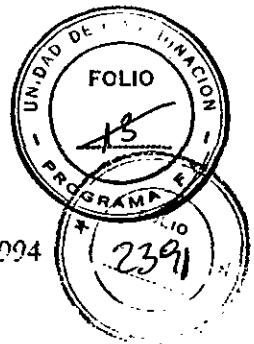
GRUPO DE SERVICIOS 4
ANEXO XXVI/3, ADJUNTO A

**MODIFICACIONES ACORDADAS AL PROGRAMA DE
INVERSIONES DEL ANEXO XXVI/1**

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Buenos Aires, 13 de diciembre de 1994



Señor Director de la Unidad de Coordinación del
Programa de Reestructuración Ferroviaria
ING. JORGE KOGAN
Av. Ramos Mejía 1302 - 5º Piso - Of. 504
Buenos Aires

ANEXO

Ref.: *Grupo de Servicios 4 - Línea Gra. Roca*
Cotizar la provisión de locomotoras.

De nuestra mayor consideración:

Nos dirigimos a Uds. con referencia a nuestra propuesta de modificación del Plan de Inversiones para la línea General Roca.

En tal sentido y, en base a la oferta que nos efectuara General Motors Corporation por cinco locomotoras nuevas, a ser fabricadas en Brasil, modelo GT22CW-2, tenemos el agrado de presentarle nuestra propuesta para la inclusión de un nuevo subprograma en el Plan de Inversiones, cubriendo esta provisión.

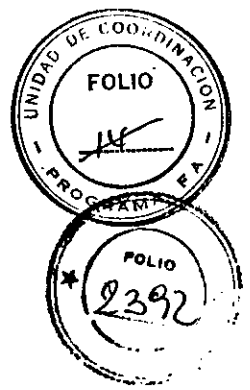
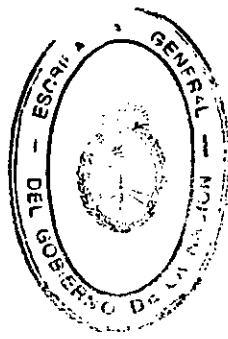
En consideración a las motivaciones especiales de las modificaciones que proponemos al Plan de Inversiones, y con el objetivo de contribuir a la rápida recuperación de los servicios en los ramales traccionados, que han venido deteriorándose seriamente en los últimos periodos, este consorcio absorberá los costos generales y resigna el margen de beneficios que correspondería considerar en nuestra cotización.

Saludamos a Ud. muy atentamente.

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REPRESENTANTE

Adj: Propuesta comercial
Copia oferta General Motors Corporation y antecedentes pedido de cotización.



SUBPROGRAMA N° 31
PROVISIÓN DE CINCO LOCOMOTORAS **ANEXO**
G.M. MODELO GT22 CW-2
LINEA ROCA

LISTA DE ANEXOS

- ANEXO N° 1- Especificaciones para la Licitación
- ANEXO N° 2- Características Técnicas
- ANEXO N° 3- Lista de Repuestos, Herramientas y Opcionales
- ANEXO N° 4- Precio básico cotizado por General Motors
- ANEXO N° 5- Precio básico cotizado por General Electric
- ANEXO N° 6- Lista de firmas invitadas que no cotizaron
- ANEXO N° 7- Precio cotizado por TRAINMET

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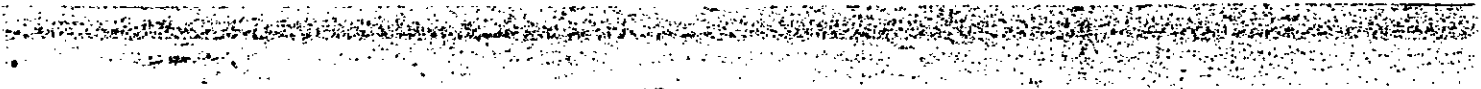
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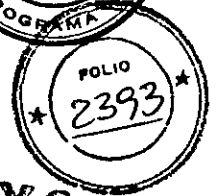
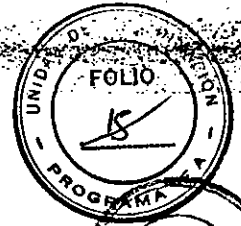
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Tel.: 342-0664 - FAX: 342-6773

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ANEXO

ANEXO N° 1

Especificaciones para la Licitación

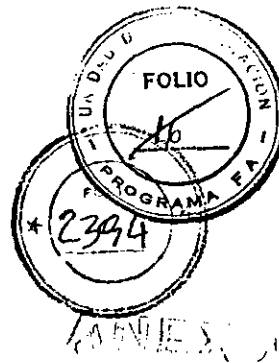
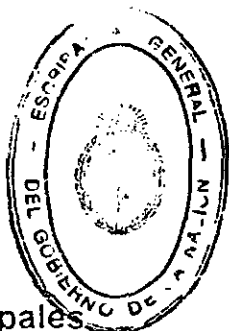
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Capítulo 1

Características Principales



1.- Tipo de Locomotoras

Las locomotoras a adquirir, serán diesel eléctricas del tipo universal, bidireccionales, con un sola cabina de conducción instalada próximo a uno de los extremos, con una capota mas baja sobre este extremo para facilitar la visibilidad en ese sentido de marcha, que será el principal. El puesto del conductor estará ubicado sobre el lado izquierdo, mirando en el sentido de marcha indicado. Excepto en la zona de la cabina, dispondrá de pasillos laterales, conectados en ambos frentes para permitir el pasaje de un lado al otro de la locomotora sin tener que bajar a tierra. Dispondrá de escaleras de acero en ambos extremos y a ambos costados, con sus correspondientes pasamanos y barandas de seguridad, en los lugares donde éstas no interfieran con la apertura de las puertas de la sala de maquinas. Llevarán un farol de cabeza en cada frente, compuesto por dos unidades selladas cada uno y dos luces rojas de posición, ubicadas a ambos costados de cada frente. Estarán provistas de dos bogies de tres ejes, con un motor de tracción por cada eje.

2.- Gálibo - Trocha de la vía e Inscripción en curva.

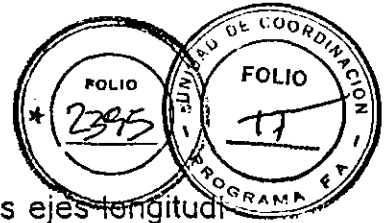
La sección transversal de estas unidades se inscribirán dentro de las dimensiones máximas para el material rodante, indicados en el plano GVO N° 3234 para el gálibo de la trocha ancha de los ferrocarriles argentinos, que es de 1676 milímetros (5'6"). Ningún componente de la locomotora, aún con las ruedas en su diámetro mínimo invadirá la zona delimitada a los costados entre ambos rieles, que es de 56 milímetros, ni sobre el nivel superior de éstos, que es de 75 milímetros, según lo que establece el plano mencionado precedentemente. La locomotora y sus bogies deberán permitir la circulación en vías de 120 metros de radio.

3.- Sistema de tracción y repulsión.

Sobre ambos frentes, las locomotoras estarán provistas de dos paragolpes laterales del tipo autocontenido y un enganche central a tornillo sistema UIC, con la sección transversal de la barra de enganche de 57x77mm, según dibujo NEFA N° 791. La línea de eje horizontal de los paragolpes laterales y el enganche central a tornillo, estarán localizados sobre un plano horizontal ubicado a una altura de 1.055^{±0.11}_{-0.32} milímetros desde el nivel supe-

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rior del riel. Los paragolpes se ubicarán con sus ejes longitudinales paralelos al eje longitudinal de la locomotora, separados respecto a este último en 930 ± 5 milímetros. Es decir, la separación entre paragolpes, será de 1860 ± 10 milímetros.

ANEXO

4.- Datos Principales - Capacidad y Peso.

- Trocha 1676 mm.
- Designación AAR: C-C
- Radio mínimo de curva 120 metros.
- Ruedas: preferentemente de 1016 mm. de diámetro nuevas.
- Peso máximo por ejes 18,5 Toneladas.
- Velocidad máxima 120 Km/hora.
- Capacidad Tanque de combustible: para una autonomía de marcha de 1000 a 1200 Kilómetros.

5.- Capacidad de Tracción y Potencia de la locomotora.

Para el remolque de trenes de pasajeros de servicio suburbano, con grandes aceleraciones en el arranque, para lograr rápidamente la velocidad máxima permitida en el trayecto entre estaciones, indicadas en la tabla N°1. Estos trenes estarán compuestos en el caso de mayor utilización, por un coche furgón a continuación de la locomotora, 6 coches salones intermedios y un coche cabina en el otro extremo.

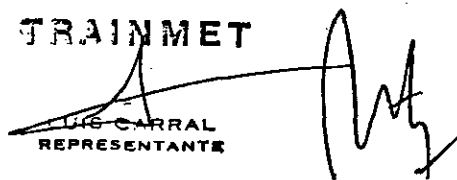
A continuación se detallan los pesos y formación de cada tren:

Tipo de coche	Cantidad por tren	Pasajeros Sentados		Pasajeros Parados		Peso de construc. en Toneladas		Peso del Pasaje en Toneladas		Peso Total en Toneladas	
		Por Coche	Por Tren	Por Coche	Por Tren	Por Coche	Por Tren	Por Coche	Por Tren	Por Coche	Por Tren
Con furgón	1	80	80	110	110	41,6	41,6	13,3	13,3	54,9	54,9
Intermedio	6	100	600	140	840	42	252	16,8	100,8	58,8	352,8
Con cabina	1	88	88	132	132	42	42	15,4	15,4	57,4	57,4
TOTAL x TREN	8	768		1082		335,6		129,5		465,1	

Potencia de entrada al Generador Principal: aprox. 1800 C.V.

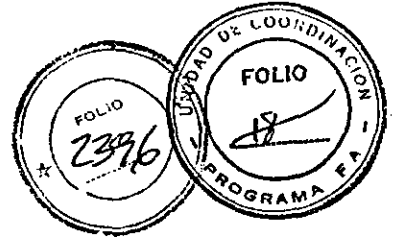
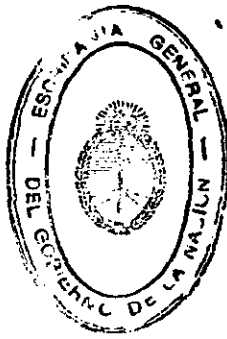
Las rampas, pendientes, radios de curva y distancia entre estaciones se indican en la Tabla N°1.

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Capítulo 2

Bastidor - Carrocería - Cabina



ANEXO

1.- Bastidor Principal

El bastidor principal de la locomotora, deberá estar diseñado y construido para resistir sin que se presenten deformaciones permanentes, las sollicitaciones de carga que se detallan a continuación:

1.1.- El peso estático de todos los componentes instalados sobre el bastidor, estando este apoyado sobre los bogies en condiciones normales de funcionamiento, mas un 25% de carga dinámica.

1.2.- Una carga estática de compresión de 200 toneladas, aplicada sobre ambos extremos en la línea de centro de los paragolpes laterales; simultáneamente con las cargas de 1.1.

1.3.- Una carga estática de 100 toneladas, aplicada en diagonal sobre los paragolpes opuestos de cada extremo, simultáneamente con las cargas de 1.1.

1.4.- Deberá permitir el izaje de la locomotora completa, desde cualquiera de las placas frontales, con el bogie adyacente colgado y el otro extremo apoyado en el otro bogie.

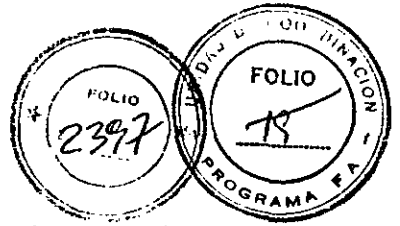
1.5.- Deberá permitir el izaje de la locomotora completa desde cuatro puntos ubicados en dos planos transversales próximos a los centros de bogies, con los bogies colgados de sus ganchos de seguridad.

1.6.- El bastidor principal estará cerrado en ambos extremos mediante una placa frontal de acero, sobre las que se apoyarán las bases de los paragolpes laterales. Estas placas llevarán dos aberturas laterales, para poder izar la locomotora desde un extremo por medio de eslingas.

Las plataformas o pasillos a lo largo de la carrocería y en ambos extremos, estarán recubiertos de chapa antideslizante.

El bastidor estará provisto además en su parte inferior cerca de los centros de bogies, de adecuados soportes para levantarla con gatos o izarla con cables.


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2.- Carrocería

Deberá ser del tipo liviana y desmontable en toda la zona del motor diesel, generadores y equipos auxiliares, para facilitar el desmontaje de éstas durante las tareas de mantenimiento pesado o reparación general.

Dispondrá de la suficiente cantidad de puertas laterales y de techo para facilitar las tareas de mantenimiento preventivo.

La carrocería estará dispuesta sobre el bastidor principal, manteniendo pasillos de circulación a cada costado, conectados entre si por una pasarela frontal para permitir la circulación por todo el perímetro sin tener que bajarse de ella.

Por lo menos uno de estos pasillos laterales estará comunicado con la cabina, a través de una puerta de acceso a esta.

Esta comunicación estará dispuesta sobre el pasillo que permita el acceso a los dispositivos de seguridad y/o control instalados en la sala de máquinas.

La capota corta baja delantera, también dispondrá de pasillos laterales conectados mediante una pasarela frontal.

El acceso a la unidad se hará mediante cuatro escaleras dispuestas a ambos lados y en los extremos del bastidor principal. Dispondrá de pasamanos y/o baranda para facilitar el ascenso y descenso del personal.

ANEXO

3.- Miriñaques.

En ambos extremos del bastidor principal, se dispondrá de un miriñaque ubicado a una altura ajustable en base al desgaste de las ruedas. La altura mínima sobre el nivel del riel, será de 140 milímetros.

4.- Cabina.

Dispondrá de un puesto de conducción simple sobre el lado izquierdo, provisto de un asiento acolchado, del tipo anatómico, regulable en altura y giratorio para permitir la conducción en los dos sentidos de marcha.

Sobre el lado derecho se dispondrá de un asiento similar para el acompañante.

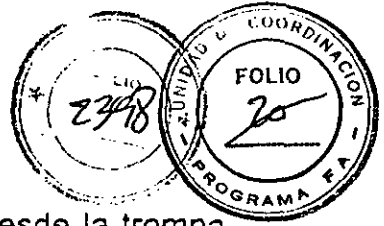
La cabina será climatizada, con calefacción, aire acondicionado y desempañadores de parabrisas. La calefacción y el aire acondicionado serán aptos para mantener una temperatura interior de 20° C, con temperaturas ambientes extremas de hasta -8° C en invierno y +40° C en verano.

La cabina estará protegida contra los ruidos de la marcha y de los equipos instalados en la sala de máquinas, de modo que con las ventanillas cerradas, los ruidos en el interior no superen los 78 decibeles (escala A).

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La cabina dispondrá de una puerta de acceso desde la trompa corta y preferentemente otras dos puertas que la comuniquen con los pasillos laterales de la sala de máquinas.

Dispondrá de parasoles, cerraduras con llave y cerrojo interno para evitar que las puertas puedan ser abiertas durante la marcha desde el exterior.

Se preverá el espacio para instalar un matafuego del tipo ABC de 5 Kg. de capacidad. Sobre la consola, deberá preverse un espacio para instalar un radiotransmisor.

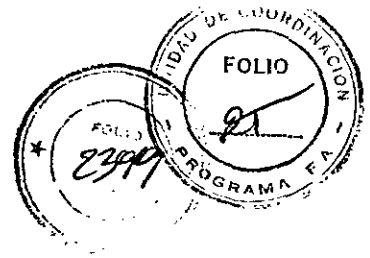
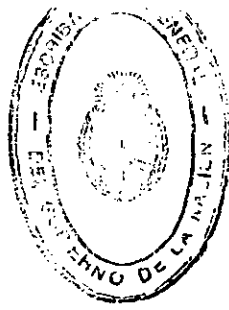
Todos los vidrios de la cabina serán de seguridad del tipo laminados.

El piso de la cabina estará convenientemente aislado de la estructura y recubierto con un tapete de goma resistente a la abrasión y a los hidrocarburos.

El esquema de colores de la pintura exterior deberá ser realizado conforme a las especificaciones de diseño de TMS.

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Capítulo 3

Bogies

ANEXO

1.- Características generales.

Dada la potencia de la locomotora y el peso máximo por eje indicado en el capítulo 1, los bogies será de tres ejes, preferentemente con los bastidores de acero fundido y sin viga bolster. La suspensión primaria será preferentemente a base de resortes helicoidales y la secundaria a base de elastómeros y chapa de acero en forma de "sandwich", tipo Metalastick o Chevron. Tanto las colisas como las cajas de puntas de ejes, estarán provistas de placas de desgaste de materiales sintéticos, en lugar de acero al manganeso. Los motores de tracción en caso de ser del tipo apoyados sobre los ejes y suspendidos en el bastidor por la nariz, estarán dispuestos sobre cada bogie orientados en el mismo sentido para eliminar las cuplas de reacción y mejorar la adherencia de los bogies.

2.- Ejes y ruedas.

Los ejes estarán soportados preferentemente por rodamientos a cartucho de rodillos cónicos, de dimensiones normalizadas dentro del sistema de la AAR, montados en las cajas con adaptadores también normalizados de acuerdo a AAR. Los ejes serán de acero forjado y tratados térmicamente y las ruedas serán del tipo sólido laminadas y con tratamiento de superficie, según norma UIC.812-3-0 5ª edición, tipo R9 o su equivalente en la norma AAR. La geometría de los parés montados se ajustará al plano NEFA 921 emisión 2. El perfil de rodadura se ajustará al dibujo NEFA 706.

Capítulo 4

Motor Diesel y Sistemas auxiliares.

1.- Características Generales.

Será de dos o cuatro tiempos, sobrealimentado y para un régimen de trabajo a plena carga del orden de las 1000 R.P.M. La potencia entregada por el motor diesel, deberá estar dada de acuerdo a las condiciones establecidas en la Norma

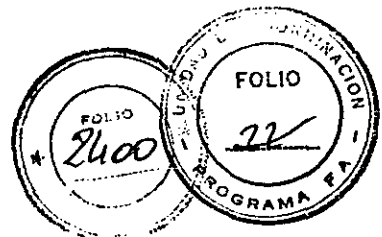
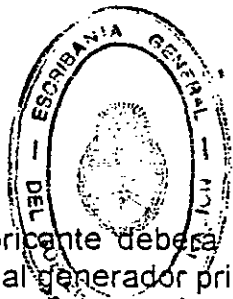
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UIC.623 OR. El fabricante deberá indicar la potencia máxima continua de entrada al generador principal y la total erogada por el motor, indicando el consumo de los diversos equipos auxiliares accionados por el diesel.

El diseño de la instalación, deberá permitir retirar o instalar el motor diesel junto con el grupo de generación o retirar a este último sin tocar el motor diesel.

El funcionamiento del motor diesel, estará controlado por un regulador de velocidad y de potencia preferentemente marca Woodward Tipo PG.

ANEXO

2.- Sistemas Auxiliares.

2.1.- Sistema de enfriamiento de agua.

Deberá estar diseñado para trabajar en las siguientes condiciones de temperatura ambiente:

Mínima extrema en invierno - 8° C.
Máxima extrema en verano +40° C.

Los ventiladores de los radiadores serán accionados preferentemente por motores eléctricos.

El circuito de agua deberá estar preparado para ser reabastecido desde tierra, mediante la conexión de una manguera con acople del tipo rápido.

El tanque compensador deberá estar provisto de un dispositivo de protección por nivel mínimo de agua, el cual en caso de actuar, accionará una señal visual y audible en la cabina de conducción.

El fabricante indicará en su propuesta, el tratamiento recomendado para el agua de enfriamiento..

2.2.- Sistema de combustible.

El tanque de combustible deberá tener la capacidad suficiente para mantener una autonomía de marcha del orden de los 1000 a 1200 kilómetros. Deberán indicar el consumo específico de combustible de la unidad ofrecida.

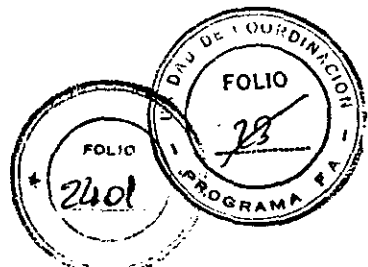
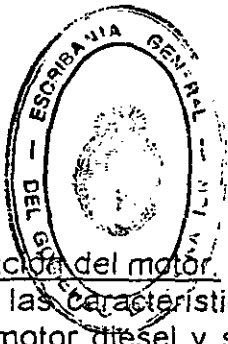
Dispondrá a cada lado, de una boca de llenado con dimensiones normalizadas de acuerdo a la Norma UIC y un indicador de nivel graduado en litros.

El fabricante entregará las características del combustible a ser empleado en la locomotora.

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REPRESENTANTE**



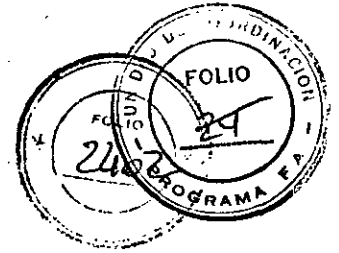
2.3.- Sistema de lubricación del motor.

El fabricante entregara las características del aceite lubricante a ser empleado en el motor diesel y sus recomendaciones en cuanto a los análisis periódicos y cantidad de partículas aceptables en casos de análisis espectrográficos. Así mismo, entregará una tabla de equivalencias con los aceites comercializados en Argentina por las principales empresas fabricantes de aceites lubricantes, tales como YPF, SHELL, ESSO, Etc.

ANEXO

El
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LUIS CARRAL
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A
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Capítulo 5



Sistema Eléctrico - Maquinas Eléctricas Rotantes.

ANEXO

1.- Características Generales.

El sistema de tracción estará compuesto por un alternador principal, que alimentará los seis motores de tracción directamente conectados en paralelo, para mejorar la adherencia y eliminar así los sistemas de transición automática.

Los motores de tracción serán de corriente continua, apoyados en los ejes y suspendidos por la nariz de los travesaños de los bogies. El apoyo sobre los ejes se hará preferentemente mediante el sistema "Cannon- Box", con un eje hueco y rodamientos en lugar de cojinetes de bronce.

En alternativa se ofrecerán motores de tracción de corriente alternada asincrónicos, en cuyo caso toda la tecnología de la locomotora será de este tipo.

La locomotora dispondrá de freno electrodinámico, combinado con el sistema de freno neumático de aire comprimido y de vacío para el tren.

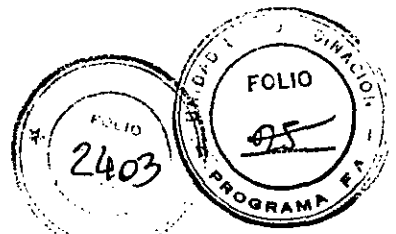
El sistema de energía eléctrica auxiliar para el comando y control del funcionamiento de la locomotora, será de 74 Volt C.C.

Las baterías para el arranque del motor diesel, será del tipo plomo-ácida tubulares, de 64 Volt C.C. con capacidad suficiente como para permitir 30 arranques sucesivos de 20 segundos de duración, con intervalos de 15 segundos entre cada uno y los ensayos de capacidad y recepción indicados en la Norma FAT 1201.

El arranque del diesel, se hará preferentemente empleando el generador auxiliar y excitatriz como motores de arranque, mediante un campo adicional alimentado por las baterías.

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2.- Sistema eléctrico de control.

El regulador de tensión deberá ser de estado sólido con componentes electrónicos de alta confiabilidad, de estructura modular con plaquetas intercambiables, para facilitar las tareas de mantenimiento.

Todos los componentes del sistema de control de excitación, adherencia, antipatinaje de ruedas, velocidad del diesel y otras funciones necesarias para el funcionamiento de las locomotoras, estarán contruidos con componentes y sistemas de estado sólido, de construcción robusta y aptos para resistir las vibraciones y aceleraciones producidas durante el funcionamiento de la unidad.

ANEXO

3.- Sistema de protección por patinaje de ruedas.

Este sistema deberá ser de alta sensibilidad y alta velocidad de respuesta, para lograr una alta adherencia de la locomotora y una buena protección a los motores de tracción, eliminando los riesgos de dañar un motor por sobrevelocidad ante la falta de adherencia entre ruedas y rieles.

4.- Sistema de comando.

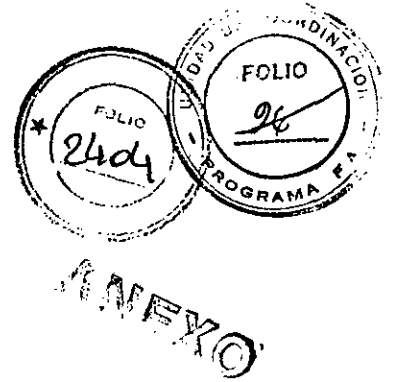
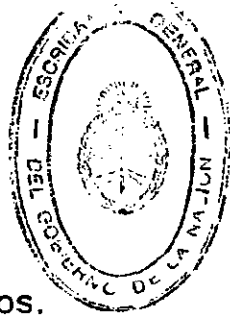
Estas locomotoras, deberán estar preparadas para funcionar en trenes con sistema Push-Pull, comandados desde la cabina instalada en el ultimo coche de la formación.

El sistema de transmisión de ordenes para el comando de la locomotora, se hará preferentemente mediante un sistema de onda portadora o fibra óptica.

El fabricante indicará el sistema de comando mas adecuado para la tecnología de funcionamiento de las locomotoras y dará las recomendaciones sobre el sistema de transmisión a instalar en la cabina del coche comando y su transmisión a través del tren.

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Capítulo 6

Sistema Neumático y Frenos.

1.- Características Generales

El sistema de frenos será Westinghouse tipo 26L-AV1, de aire comprimido para la locomotora y de vacío para el tren. Trabaja mezclado con el freno electrodinámico, que será en condiciones normales de servicio, el freno principal de la locomotora. En aplicaciones de emergencia, el freno neumático pasará a ser el principal.

El sistema será alimentado por un compresor alternativo combinado con bomba de vacío.

En alternativa se requiere que tanto el compresor como la bomba de vacío sean del tipo rotativo, con un sistema separador de aceite y deshidratador para el tratamiento del aire comprimido.

Dado que se prevé cambiar el sistema de freno de los coches, adaptándolo al sistema de aire comprimido, el compresor - bomba de vacío, debe ser tal que permita con ligeros cambios, transformarlo íntegramente en compresor de aire.

A los efectos de permitir el uso de las locomotoras en trenes con sistema Push-Pull, el sistema neumático deberá estar preparado para trabajar comandado desde una cabina ubicada en el último coche del tren.

2.- Sistemas de protección y accesorios.

El sistema de frenos deberá proveer de una protección por tren dividido y otra por "Hombre Muerto".

La locomotora dispondrá de limpiaparabrisas de accionamiento neumático, sobre todos los vidrios frontales en concordancia con los puestos del conductor y el acompañante, en ambos sentidos de marcha.

Dispondrá de dos bocinas de accionamiento neumático, con sus válvulas de comando al alcance de la mano del conductor y del acompañante.

Los depósitos de aire estarán provistos de un sistema de purga automática de gran eficiencia.

La locomotora dispondrá en ambos frentes de las conexiones de aire y vacío para el funcionamiento del tren con el comando Push-Pull.

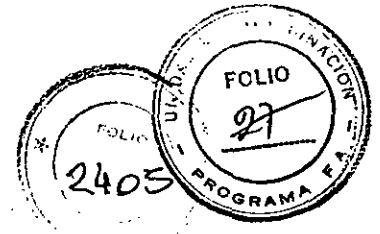
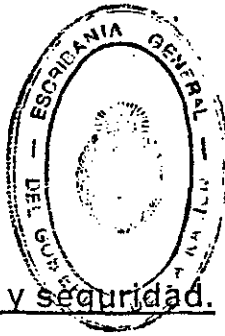
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REPRESENTANTE

Capítulo 7

Sistemas de control de marcha y seguridad.



ANEXO

1.- Descripción General.

Las locomotoras dispondrán en las cabinas de conducción, por lo menos de los elementos de control de marcha y seguridad que se detallan a continuación:

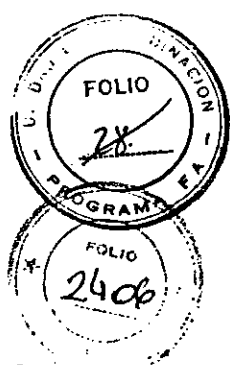
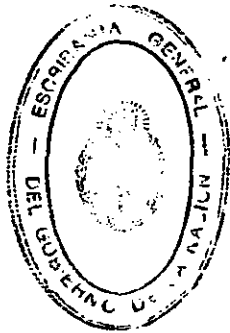
- 1.- Velocímetro de accionamiento eléctrico, con sistema registrador de velocidad.
- 2.- Control de sobrevelocidad del tren, con señalización audible y dispositivo de retardo para control de la propulsión y aplicación de los frenos.
- 3.- Pedal de control por Hombre Muerto, con señalización audible y dispositivo de retardo para el control de propulsión y aplicación de los frenos.
- 4.- Amperímetro para carga de baterías.
- 5.- Luz indicadora de bajo nivel de agua, combinada con señal audible.
- 6.- Luz indicadora de alta temperatura de agua, combinada con señal audible.
- 7.- Luz indicadora de baja presión de aceite del motor diesel, combinada con señal audible.
- 8.- Luz indicadora de patinaje de ruedas, combinada con señal audible.
- 9.- Manómetro de combustible .
- 10.- " " lubricación motor.
- 11.- Teletermómetro de temperatura del agua motor.
- 12.- Manómetro de sobrealimentación.
- 13.- Manómetros dobles de freno.
- 14.- Vacuómetro doble para freno de vacío.
- 15.- Amperímetro de tracción.
- 16.- Manija de freno combinado.
- 17.- " " " independiente.
- 18.- Palanca de inversión de marcha.
- 19.- " " aceleración motor diesel.
- 20.- " " freno dinámico.

En los casos donde se especifica "Luz indicadora", debe entenderse que la unidad vendrá provistas de Leds en lugar de lámparas a filamento.

El fabricante podrá proponer otros accesorios además de los indicados, o en lugar de éstos si lo considera necesario por el diseño de la Locomotora ofrecida.

 **TRAINMET** 

LUIS CARRAL



ANEXO

Capítulo 8

Opcionales

1.- Equipo de generación auxiliar para el alumbrado de los trenes.

Se requiere la provisión de un equipo de generación auxiliar, para alimentar los circuitos de iluminación y carga de baterías sobre los coches.

Los requerimientos de energía eléctrica por cada coche son los siguientes:

1.1.- Coches Intermedios.

Potencia necesaria para la iluminación :36 tubos fluorescentes de 15 Watts c/u mas 8 lámparas de 200 Watts c/u.

Tensión de alimentación : 24 / 28 Volts c.c.

Dos juegos de baterías alcalinas compuestas por 19 elementos c/u , de 225 Amper Hora de capacidad en 24 Volts.c.c.

1.2.- Coche Cabina.

- Los mismos componentes que para los coches intermedios mas la potencia requerida en la cabina para el comando Push-Pull de la locomotora.

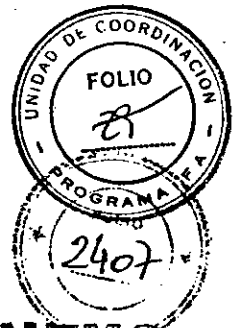
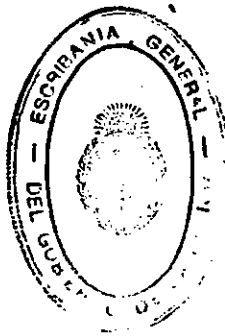
- Dos unidades selladas de 200 Watts - 28 Volts c/u.

- Cuatro luces de posición de 20 Watts c.u.

1.3.- Coches Furgones.

- Los mismos componentes que para los intermedios.

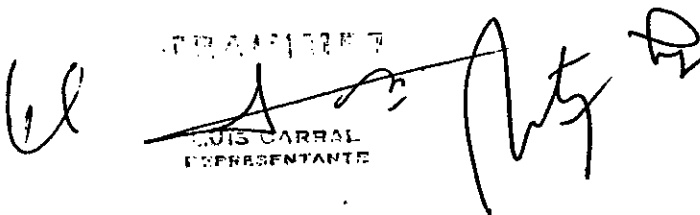
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ANEXO

ANEXO N° 2

Características Técnicas


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Diag. Julio A. Roca 751 - 5° B. (1067) Buenos Aires
Tel: 342 0664 - FAX: 342 6773



Locomotoras D.E. para la Línea Roca.

ANEXO

Antecedentes

Para la elección de estas unidades se utilizó como antecedente el concurso de precios privado para la adquisición de locomotoras Diesel Eléctrica emitido por Transportes Metropolitanos General San Martín (TMS) el 17 de Octubre de 1994, cuya especificación técnica se adjunta como anexo.

A este concurso fueron invitadas las firmas JAVIER PICO & ASOCIADOS, A B B, KRUPP GfT, AEG CKD TRANSPORT SYSTEM LTD, HITACHI-MARUBENI ARG., TECHNOSTROYEXPORT, GENERAL MOTORS INTERAMERICA CORP, MORRISON KNUDSEN, GENERAL ELECTRIC-CORMICK, GEĆ ALSTHOM TRANSP. y TRADEFIN, habiéndose obteniendo ofertas exclusivamente por locomotoras General Motors, a través de General Motors Interamerica Co., y de unidades General Electric a través de Gevisa de Brasil.

Elección de la Unidad

Para la elección de la unidad se analizaron los siguientes factores:

A) Potencia

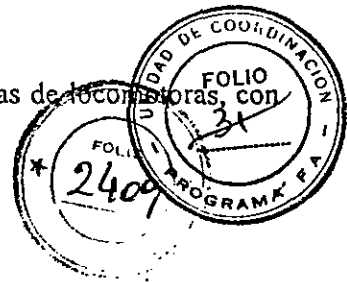
Vista la mínima variación de precio entre las unidades GT22 CW-2 de General Motors y las C18-7I de General Electric (1.13%), se opta por la primera dado que éstas presentan un 25% más de potencia, lo que involucra un considerable aumento en el esfuerzo de tracción que permitirá cubrir con solvencia cualquier demora que pudiera ocurrir en la corrida de trenes, dejando margen, además, para futuros incrementos, sin comprometer gastos operativos o de mantenimiento superiores a la otra opción de menor potencia con un consumo de combustible sumamente atractivo.

El análisis de conveniencia se realiza en base al "Train performance computer simulation input data" realizado para el tramo Retiro/Pilar y retorno, de la línea San Martín, el que por sus características de planimetrías, distancia total, aceleraciones necesarias, tipo de formación y modalidad operativa es similar al tramo Plaza Constitución/ La Plata. En ésta simulación se puede observar que la elasticidad de la unidad permite la rápida recuperación del tren y que la potencia sobrante, en condiciones normales de marcha, en ningún momento supera los parámetros habituales para estas corridas (se adjunta "Train simulation").

B) Normalización del Parque

Como es de conocimiento el parque de la línea Roca esta formado exclusivamente por unidades General Motors por lo que la introducción de unidades de otra manera demandaría la duplicación de stock de repuestos., doble parque de herramientas y la necesidad de

de contar con personal de mantenimiento especializado en dos marcas de locomotoras, con todos los inconvenientes operativos que ello representa.



C)

Es históricamente conocido por la experiencia recogida por Ferrocarriles Argentinos que el costo de mantenimiento de las unidades G. Motors es substancialmente menor a otras unidades similares.

Además se debe recordar que unidades similares a las que nos ocupan, fueron construidas en la industria local con una participación nacional de mas de 70 % hace pocos años. Este desarrollo permite a la fecha obtener una interesante variedad de repuestos en la plaza a precios convenientes y con buena velocidad de respuesta.

Por otra parte por ser estas unidades la de mayor empleo en el Sistema Ferroviario Argentino existe una gran experiencia en su mantenimiento en los talleres Ferroviarios y de proveedores que aseguran una buena calidad y un precio razonable de las intervenciones.

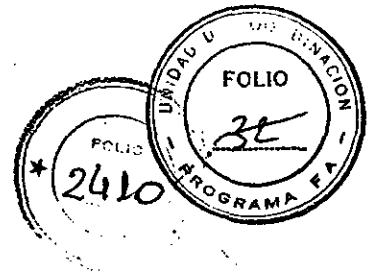
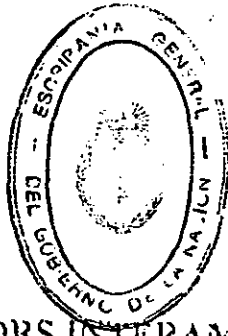
D) Versatilidad

El modelo considerado es el habitualmente operado por los concesionarios de cargas y los operadores de pasajeros de larga distancia. Esta circunstancia brinda las mejores posibilidades de realizar cesiones , intercambios o cualquier otra forma de transferencia en el futuro o ante un cambio de tracción en la línea.

E) Opcionales

A los opcionales indicados en la oferta se debe adicionar la caja y el aparato de tracción de transición, que permitirán en el futuro la adaptación del enganche automático.

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**GENERAL MOTORS INTERAMERICA CORP.
SUCURSAL ARGENTINA**

ANEXO

Cabildo 2230 Piso 11° - Capital (1428)
Tel.: 786-7812/8925 787-3712 Fax: 781-7276

Buenos Aires, 13 de diciembre de 1994

Sr. Guido Molinari
Consorcio Oferente en la licitación
del Grupo de Servicios 4, Línea Roca
TRAINMET (Transportes Metropolitanos Integrados)
Av. Santa Fe 4636 - 2° Piso
Capital

De nuestra consideración:

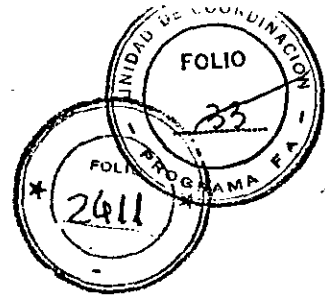
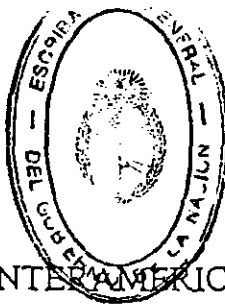
Hacemos saber a Ud. que la propuesta QL877/94 para la provisión de 10/23 locomotoras GT 22CW, cuya cotización originalmente fuera comunicada a la firma TMS (Transportes Metropolitanos San Martín S.A.), es ratificada y válida en todos sus aspectos para la cotización solicitada de 5 locomotoras de las mismas características, requeridas en esta oportunidad por ese consorcio, preadjudicatario del Grupo de Servicios 4 de la Línea Roca.

Aprovechamos para saludarlo muy atentamente.

Lic. Roberto Fontao
Dépto. Suministros

TRAINMET

**LUIS CARRAL
REPRESENTANTE**



GENERAL MOTORS INTERAMERICA CORP.
- SUCURSAL ARGENTINA -
CABILDO 2230 PISO 11
Telefono 786-8295/7812 Fax 781-7276

ANEXO

Buenos Aires, Octubre 17 de 1994.

Señores
TRANSPORTES METROPOLITANOS GRAL SAN MARTIN SA
TRAINMET
AV. SANTA FE 4636
BUENOS AIRES (1425)

At. Cdor. Carlos A. Monti
Ref. Q.L. 877/94

De nuestra consideración:






Respondiendo a vuestra muy atta. invitación del 20 de Septiembre de 1994, a participar de vuestro "Concurso de Condiciones Comerciales y Antecedentes Para la Adquisición de Locomotoras Diesel Electricas", plácenos hacerles llegar nuestra mejor oferta por los equipos solicitados.

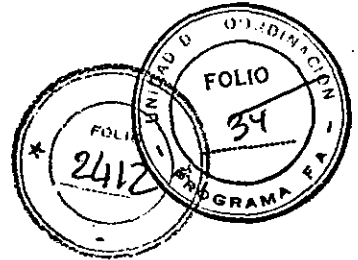
De acuerdo con vuestras instrucciones hemos separado en dos sobres las propuestas técnicas y económicas sobre las que nos permitimos efectuar las siguientes consideraciones:

REPRESENTACIONES

GENERAL MOTORS INTERAMERICA CORP.- SUCURSAL ARGENTINA (GMIC), GENERAL MOTORS DO BRASIL - DIVISAO GM LOCOMOTIVAS (GMB), DIESEL DIVISION OF GENERAL MOTORS OF CANADA LTD (DDCL) Y ELECTRO MOTIVE DIVISION OF GENERAL MOTORS CORPORATION (EMD), son las empresas componentes de GENERAL MOTORS LOCOMOTIVE GROUP (GMLG). Todas ellas operan bajo la conducción y responsabilidad técnica de EMD y todos los productos y servicios vendidos por cualquiera de las empresas de GMLG responden a especificaciones técnicas originales de EMD y gozan del mismo nivel de garantías.

Esta propuesta la sometemos por intermedio de GMB ya que las locomotoras ofrecidas serán fabricadas en la República Federativa del Brasil. GMIC por su parte, asume la representación de GMB en la República Argentina a los efectos de esta presentación.

  **TRAINMET**
 **LUIS CARRAL**
REPRESENTANTE  



En el Anexo I de este sobre N° 1 encontrarán la siguiente documentación:

- A- Carta de EMD comprometiendo su apoyo a esta propuesta.
- B- Copia simple del poder otorgado al abajo firmante por GMB para suscribir compromisos de venta en su representación.
- C- Copia simple del poder otorgado al abajo firmante para suscribir propuestas en representación de GMIC.

ANEXO

Asimismo, en virtud de los poderes arriba descriptos, por la presente se autoriza a los señores Marco A. Martinez, CI 3.349.237 y Roberto Fontao CI 3.806.899 a suscribir notificaciones, modificaciones y/o aceptación de Ordenes de Compra ó contratos que se deriven de esta propuesta.

Pondremos a vuestra disposición cualquier otra documentación que Uds. puedan requerir en el futuro respecto de las representaciones arriba asumidas.

MODELO DE LOCOMOTORA

Después de analizar cuidadosamente vuestras especificaciones y realizar estudios de simulación operativa con los datos que nos fueron suministrados, hemos llegado a la conclusión de que por lo menos tres (3) de nuestros modelos de locomotoras cumplen con los diagramas programados. Dichos modelos son los siguientes:

Código	Potencia	Peso Total
GT18LCW-2	1650/1500 HP	82,0 Tns.
G26CW-2	2200/2000 HP	107,0 Tns.
GT22CW-2	2475/2250 HP	102,0 Tns.


En el Anexo II de este sobre N° 1 encontrarán una copia de las simulaciones operativas cuyos resultados prueban la posibilidad del cumplimiento con vuestros diagramas de cada uno de los modelos arriba listados.

A los efectos de la presentación de esta propuesta nos hemos inclinado por el modelo GT22CW-2, que aún cuando excede por potencia lo indicado en vuestro requerimiento, creemos que por las razones listadas mas abajo, entre otras, puede ser también vuestro favorito:

Responde ampliamente a las exigencias de vuestra programación actual, dejando margen para futuros incrementos, sin comprometer gastos operativos ó de mantenimiento superiores a otras opciones de menor potencia.

Siendo por su versatilidad el modelo de mayor demanda dentro del Sistema Ferroviario Argentino, brinda las mejores posibilidades para realizar cesiones temporarias, intercambios ó cualquier otra forma de transferencia a otros Operadores del mismo Sistema. Asimismo, este modelo permitiría a vuestra Empresa efectuar combinaciones de servicios con otros Operadores del Sistema, tanto de carga como pasajeros de larga distancia.

El precio que estamos ofreciendo, por el periodo de vigencia de esta propuesta, es especialmente atractivo para este modelo.


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No obstante lo recomendado mas arriba, quedamos a vuestra disposición para hacerles llegar propuestas complementarias por los otros modelos arriba listados.

En el Anexo III de este sobre N°1 encontrarán la Especificación N° 9067 de EML para el modelo GT22CW-2 como así también una lista de las modificaciones incluidas en esta oferta, para adecuar el modelo básico a vuestras necesidades.

ANEXO

En el Anexo IV de este mismo sobre se encuentran las especificaciones básicas de los otros dos modelos GT18LCW-2 y G26CW-2 para vuestra mejor ilustración.

HERRAMIENTAS ESPECIALES Y REPUESTOS

En el Anexo V de este mismo sobre se encuentran las listas de piezas de repuesto y herramientas especiales recomendadas.

ANTECEDENTES

Las empresas del GMLG tienen una vasta experiencia en el diseño, fabricación y servicio de mantenimiento de locomotoras diesel electricas. Ferrocarriles de 62 países en el mundo operan nuestras locomotoras.

En el Anexo VI encontrarán un listado de las locomotoras del mismo tipo a las aquí propuestas que han sido vendidas por las empresas del GMLG en los últimos diez años.

Asimismo acompañamos un listado de todos nuestros clientes a nivel mundial.

También encontrarán adjunta una lista de las locomotoras fabricadas en la Argentina bajo la conducción y responsabilidad de GMIC.

GARANTIA TECNICA

El Anexo VII es el texto habitual de nuestra Garantía de Producto.

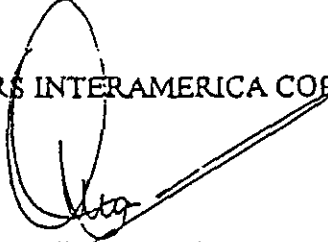
SOBRE N° 2

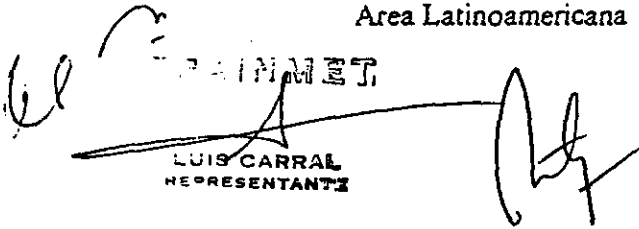
Contiene nuestra propuesta económico-financiera para 23 locomotoras GM modelo GT22CW-2.

Estamos a vuestra disposición para cualquier aclaración sobre esta propuesta técnica.

Atentamente,

GENERAL MOTORS INTERAMERICA CORPORATION

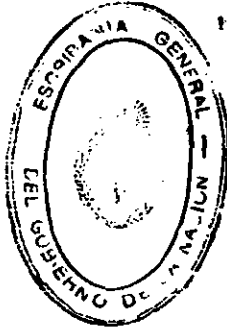

MANUEL A. LEMA
Vice-Presidente
Area Latinoamericana


LUIS CARRAL
REPRESENTANTE

LUIS CARRAL
REPRESENTANTE



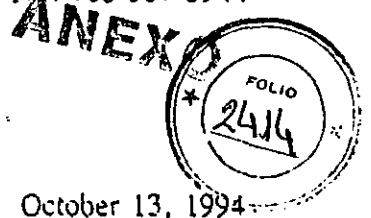
Electro-Motive



Electro-Motive Division
General Motors Corporation
9301 W. 55th Street
La Grange, IL 60525 USA



International Locomotive Business
Phone No. 708-387-6548
Fax No. 708-387-3944



October 13, 1994

Messrs
TRANSPORTES METROPOLITANOS GRAI. SAN MARTIN SA.
TRAINMET
AV SANTA FE 4636
BUENOS AIRES

Att. Mr. Carlos A. Monti

Ref. Your Locomotive Tender due October 17th. 1994

Dear Sirs:

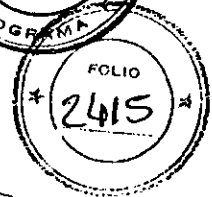
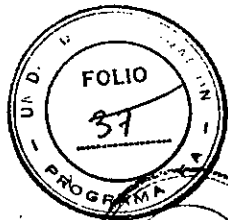
GENERAL MOTORS INTERAMERICA CORPORATION SUCURSAL ARGENTINA (GMIC) and GENERAL MOTORS DO BRASIL - DIVISAO LOCOMOTIVAS (GMB) are Companies affiliated to our GM LOCOMOTIVE GROUP (GMLG).

ELECTRO MOTIVE DIVISION OF GM CORPORATION (EMD) is aware of the proposals being submitted to you by our affiliates GMIC and GMB in response to your inquiry of the subject Tender, and fully supports their performance of the obligations assumed therein.

Very Truly yours,

D. M. Riach
Director,
International Locomotive Business

TRAINMET
LUIS CARRAL
REPRESENTANTE



PROCURAÇÃO

Pelo presente Instrumento Particular de Procuração, a GENERAL MOTORS DO BRASIL LTDA., Empresa estabelecida em São Caetano do Sul, Estado de São Paulo, Avenida Goiás, n.º 1.805, inscrita no CGC/MF sob n.º 39.293.792/0001-50, neste ato representada conforme seu Contrato Social, por seu Presidente, Sr. MARK TIMOTHY HOGAN, estadunidense, casado, industrial, portador do RNE n.º V135123-J e do CPF n.º 192.264.413-80, com o mesmo endereço comercial da outorgante, nomeia e constitui seu procurador o Sr. MANUEL ALBERTO LEMA, argentino, casado, industriário, portador do Passaporte Argentino n.º 4.217.649, com endereço comercial na Av. Goiás, n.º 1.805, São Caetano do Sul, conferindo-lhe os mais amplos, gerais e ilimitados poderes para gerir e administrar os negócios da outorgante, exclusivamente para assuntos relacionados à Divisão GM Locomotivas, podendo representá-la em quaisquer atos ou transações, assinar contratos em geral, papéis e documentos relativos aos seus negócios comerciais, bem como outorgando-lhe poderes especiais para praticar os seguintes atos em nome da outorgante: prestar depoimento pessoal, confessar, receber citação inicial; desistir; transacionar; transigir; fazer ajustes e acordos; receber e dar quitação parcial ou total; firmar e prestar compromissos; assinar termos de responsabilidade; representá-la em audiências de conciliação, instrução e julgamento ou quaisquer outras; receber notificações ou intimações; receber cheques em nome da General Motors do Brasil Ltda; podendo ainda, representá-la em todos os poderes supra mencionados, perante quaisquer pessoas jurídicas de direito público, Repartições Públicas (da administração direta ou indireta) Federais, Estaduais e Municipais, Ministérios, Autarquias, Empresas Públicas, Fundações, Sociedades de Economia Mista, e demais Entidades do Poder Público, em todos os seus órgãos e desdobramentos ou repartições de qualquer natureza, como também, perante quaisquer pessoas jurídicas de direito privado ou pessoas físicas em geral, com todos os poderes supra mencionados, tanto judicial como extrajudicialmente, praticar todos os atos de administração em geral; assinar requerimentos, petições, defesas, recursos, pedir vista de processos, assinar quaisquer documentos ou contratos relativos a operações de importação e exportação; participar em nome da outorgante, em concorrências públicas, firmando quaisquer documentos relativos às mesmas; depositar e receber cauções ou outras espécies de garantia; podendo ainda, constituir advogados, conferindo-lhes os poderes da cláusula "Ad-Judicia" e os especiais necessários, assim como revogá-los; efetuar pagamentos e dar quitação parcial ou total, substabelecer no todo ou em parte os poderes acima especificados, e, enfim, praticar todos os atos necessários para o fiel e integral cumprimento do presente mandato. Esta procuração tem sua validade limitada até o dia 31 (trinta e um) de dezembro de 1994 (hum mil novecentos e noventa e quatro).

ANEXO

São Caetano do Sul, 14 de junho de 1994

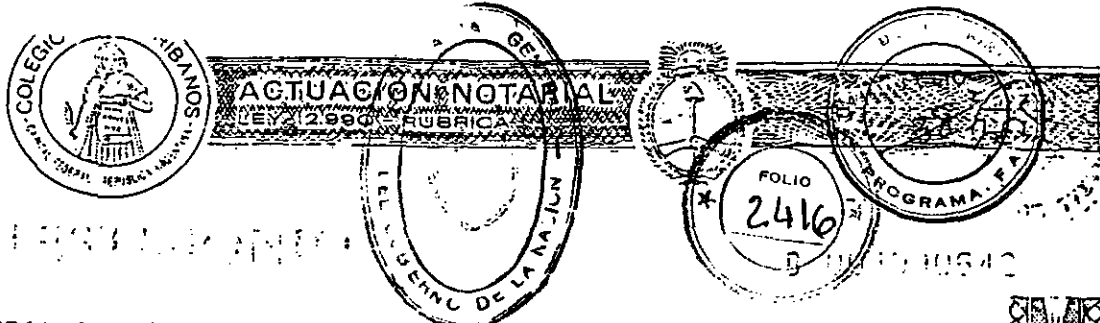
Mark Timothy Hogan
 GENERAL MOTORS DO BRASIL LTDA.
 MARK TIMOTHY HOGAN
 Presidente



TRAINMET

Luís Carral
 LUIS CARRAL
 REPRESENTANTE

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F94660.- PRIMER TESTIMONIO. - TRANSCRIPCION DE PODER "GENERAL MOTORS INTERAMERICA CORPORATION" a favor de Manuel Alberto LEMA.

ESCRITURA NUMERO OCHOCIENTOS CUARENTA Y SIETE.

En la Ciudad de Buenos Aires, Capital de la Republica Argentina, a los veintisiete dias del mes de Julio de mil novecientos noventa y cuatro, ante mi, Escribano autorizante,

comparece: Guillermo Jose Antonio MALM GREEN LERNER, argentino, casado, abogado, titular de Documento Nacional de Identidad numero 17.363.524, domiciliado legalmente en la calle Marcelo Torcuato de Alvear numero 624, primer piso, de esta Ciudad, mayor de edad habil, de mi conocimiento,

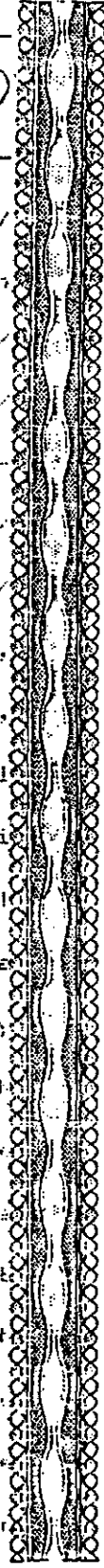
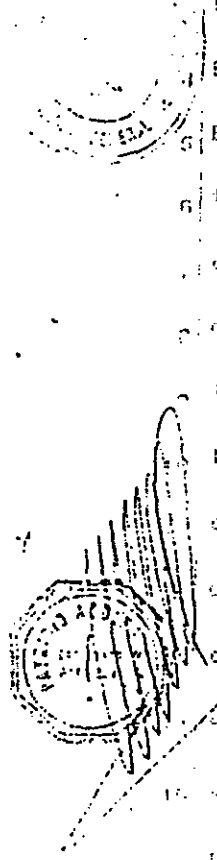
doy fe, y DICE: - Que en su carácter de mero tenedor y al solo efecto de su TRANSCRIPCION en este Registro 375 de mi actuación, me hace entrega de un documento extendido en el extranjero redactado en idioma inglés y vertido al idioma nacional, cuyo original tengo a la vista para este acto y

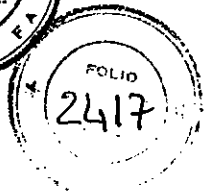
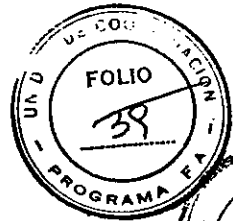
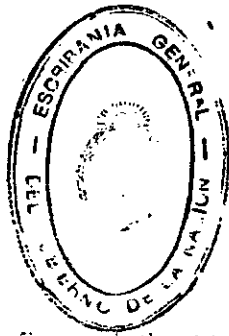
transcrito literalmente es del siguiente tenor: "TRANUCCION Las hojas del documento se encuentran unidas entre si sobre dicha unión se observa un sello del Consulado General de la Republica Argentina en Chicago, inicialado. POUER CONSTE

FOR EL PRESENTE que GENERAL MOTORS INTERAMERICA CORPORATION una sociedad constituida en virtud de las leyes del Estado de Delaware, Estados Unidos de Norteamérica, con sede

social en 3044 West Grand Boulevard, Detroit, Michigan

TRAINMET
LUIS CARROL





ANEXO

19291. en el afolio correspondiente de la Sociedad, por el presente constituye y designa a MANUEL ALBERTO LEMA como gerente de sucursal, en dicho carácter, como su verdadero y legítimo apoderado y agente, para que, en su nombre, lugar y representación conduzca las operaciones de la sucursal argentina de la Sociedad, dentro del territorio de la República Argentina o en el exterior, detentando, en nombre de la Sociedad, únicamente aquellas facultades que pertenezcan a dicha Sucursal y según lo enumerado específicamente a continuación: 1. a) en respuesta a llamados a licitaciones públicas o privadas, concursos de precios u otros, recibir, negociar y entregar ofertas, propuestas, ofrecimientos, aceptaciones, órdenes de compra, contratos, convenios, garantías de cumplimiento y documentos afines; b) Celebrar un Contrato de Ventas/Servicios con la División Electromotriz de General Motors Corporation.- 2. alquilar y ocupar las oficinas, muebles, enseres y equipos que el mencionado apoderado estime necesarios o aconsejables para administrar y llevar a cabo los negocios de la Sociedad; 3. designar, emplear o nombrar y, a su criterio, suspender o despedir los obreros y demás empleados o representantes, que en la República Argentina estén relacionados con la actividad de exportación de la sucursal argentina de la Sociedad, que estime periódicamente; fijar sus sueldos y remuneraciones;

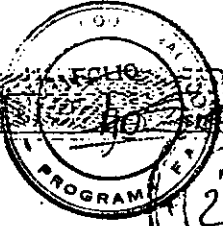
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 LUIS CÁRRA
 REPRESENTANTE

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 El



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establecer sus funciones y limitaciones y, a su criterio,

deberá presentar a firma para el fiel cumplimiento de las

obligaciones de los citados empleados: 4. de autorizarlos

ANEXO

firmar, endosar, aceptar, emitir y negociar letras de

cambio sobre el exterior o internas, giros y aceptaciones,

sin los documentos correspondientes o con los documentos

apropiados adjuntos que cubran las mercaderías que puedan

ser objeto de una operación y también cualesquiera otros

títulos de crédito que, en forma razonable, se relacionen

con los negocios habituales de la Sociedad; endosar por

depósito o cobro, para ser acreditados a la cuenta de la

Sociedad, ante sus banqueros, cualesquiera títulos de

crédito, incluso los nombrados precedentemente, que lleguen

a manos del mencionado apoderado; renunciar a la

presentación, demanda, protesto y notificación de protesto;

5. tener una cuenta o cuentas bancarias local/es a nombre

de la Sociedad en el/los banco/s o instituciones bancari-

designadas por la Sociedad y depositar allí los fondos que

lleguen a manos del mencionado apoderado; suscribir, librar

y emitir cheques, letra, pagares y órdenes para el retiro

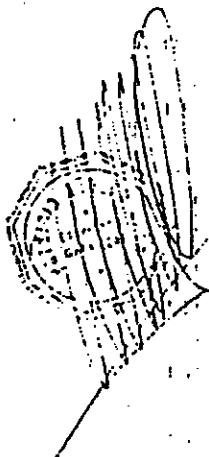
de fondos con la firma del mencionado apoderado o con la

firma de un sustituto que el mismo debidamente designe

arreglar, saldar, compensar y certificar cualesquiera

libros y cuentas existentes entre la Sociedad y sus

banqueros, con las condiciones, además, de que en ningún caso

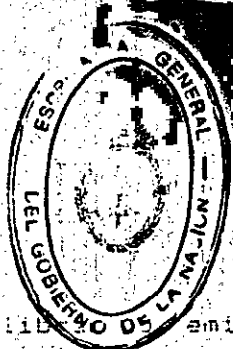


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LUIS CARRAL
REPRESENTANTE

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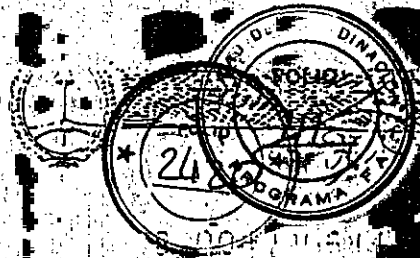
el apoderado podrá suscribir, librar, emitir cheques, letras, pagarés u ordenes a favor de sí mismo, ni podrá retirar sumas de dinero por montos superiores a los fondos depositados por la sociedad en dichas cuentas. - 6. alquilar y tener acceso a cajas de seguridad; 7. importar, exportar y despachar por cualquier aduana, productos, artículos y mercaderías, arribados o por arribar, consignados a la Sociedad o importados o exportados por ella y según lo requerido a ese efecto, endosar conocimientos de embarque y certificados de seguro que cubran los mismos; otorgar bajo juramento, firmar, sellar y entregar en su nombre declaraciones de origen, fabricación, transporte, pérdida, daño, cantidad, descripción, valor, titularidad y otros datos, 8 solicitudes de ingreso, órdenes, recibos, retiros, garantías, incluso garantías para la presentación de facturas consulares u otros documentos o para reintegro o devolución, pedidos, protestos y apelaciones, renunciaciones u otros documentos o medidas requeridas y, en general, tramitar todos los negocios de la Sociedad ante oficinas de la Aduana, como asimismo, todos los asuntos en materia aduanera e impositiva sobre el consumo en los que la Sociedad tenga que ver; 8. tratar en nombre y representación de la Sociedad con toda clase de transportistas y depositarios de productos, artículos y mercaderías, inclusive compañías navieras,

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LUIS CARRAS
 REPRESENTANTE

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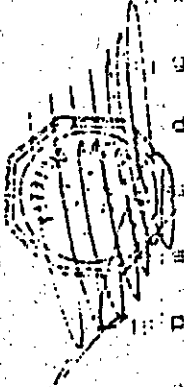


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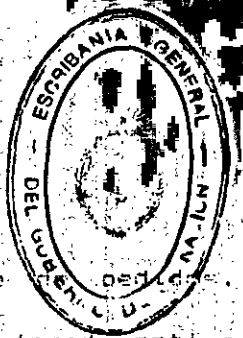


ferroviarias, de los transportes, de encomiendas,
almacenamiento y sus agentes; obtener y aceptar contra
emitir ordenes para la entrega de productos, artículos
mercaderías consignados a la Sociedad o que pertenezcan a
la misma; a ese efecto endosar y entregar o ceder
conocimientos de embarque, certificados de deposito,
ordenes de entrega y demas títulos de dominio; y, en el
caso de extravío o demora de dichos documentos; obtener la
entrega o posesión de dichos productos, artículos o
mercaderías, mediante el otorgamiento de una carta de
garantía condicionada a la presentación de dichos
documentos o, en su defecto, en nombre de la Sociedad o en
su representación, mediante un garante o aval
satisfactorio, incluso un banco; y hacer arreglos adecuados
para la descarga, pesaje, control, entrega, manipulación,
almacenamiento y transporte de dichos productos, artículos
y mercaderías; asegurar los mismos con aseguradores
responsables contra todo riesgo de pérdida, daño o
destrucción, por cualquier motivo; 9. retirar de la aduana,
oficinas de correo, de telégrafo de cables, de servicios de
mensajería y/o de toda clase de compañías de transporte,
mercaderías, equipaje, encomiendas, valores, correspondencia
en general y cables, incluso encomiendas y cartas,
registradas y aseguradas, alquilar cajas y receptáculos
para su recepción y formular ante cualquiera de dichas

ANEXO



REPRESENTANTE



ANEXO

...indagaciones, según lo que el apoderado estime necesario o aconsejable; 10. preparar, otorgar, suscribir, firmar y presentar en nombre y representación de la Sociedad, todos los informes y declaraciones que deba presentar de conformidad con la ley, incluso informes y declaraciones referentes a bienes, a las operaciones e ingresos de la Sociedad, a los efectos de los impuestos a las ganancias, beneficios de guerra o impuestos sobre beneficios extraordinarios o sobre el consumo, sobre bienes muebles u otros impuestos; pagar los impuestos exigidos o aplicados por las autoridades oficiales correspondientes, presentar pedidos de excepciones, reducción o reintegro y presentar protestas contra dichos impuestos, recibir los reintegros o rebajas de dichos impuestos que correspondan a la Sociedad; asumir compromisos referentes al pago de los citados impuestos en nombre de la Sociedad o conseguir garantes adecuados para dicho pago, o depositar ante la autoridad correspondiente los fondos que aseguren el pago de los impuestos en cuestión; 11. exigir, cobrar, percibir y liberar en nombre y representación de la Sociedad, deudas sumas de dinero, garantías por sumas de dinero, bienes muebles, derechos personales, reales e intelectuales y créditos que pueden hacerse valer judicialmente y demás bienes muebles a los cuales la Sociedad tenga derecho en la

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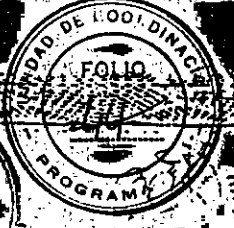
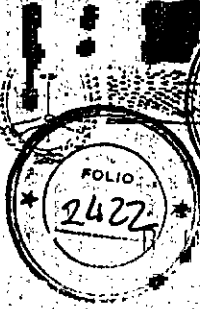
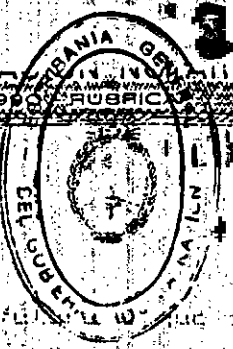
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J. LUIS GARRAL
REPRESENTANTE

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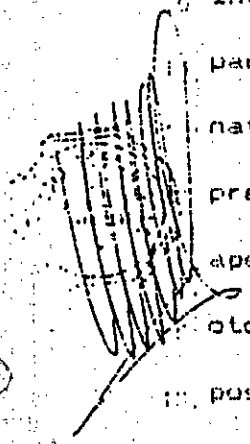


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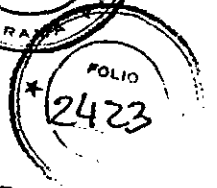
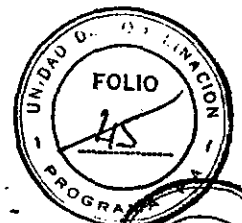
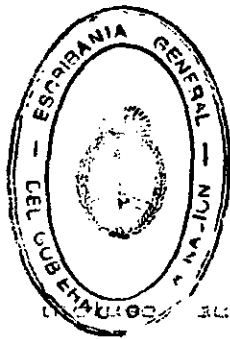
...bilidad o en el futuro...
 a la Sociedad; entablar, contestar, defender e intereses
 hasta su finalización, en cualquier caso, por el nombre de
 la mandante, en cualquier fuero, sea civil, comercial,
 penal, administrativo o de otra naturaleza, en los cuales
 la mandante este involucrada, ya sea como demandante o
 demandado, querellante o querellado, como tercero o en
 cualquier otro carácter, ante cualquier tribunal o
 jurisdicción de la Republica Argentina y otros países,
 incluyendo los juzgados penales, encontrándose facultado
 para presentar escritos, presentar pruebas de cualquier
 naturaleza, proponer y tachar testigos e impugnar pruebas,
 presentar impugnaciones, apelar y renunciar al derecho de
 apelación o a cualquier derecho por prescripción, desistir,
 otorgar y exigir cauciones juratorias; poner y absolver
 posiciones y formular repreguntas; prorrogar, declinar
 jurisdicciones, asistir a audiencias, presentar y contestar
 incidentes; reconvenir, decir de nulidad; oponer cualquier
 excepción y defensa legal, producir información, nombrar
 peritos contadores y tasadores de toda especie, rendir y
 exigir la rendición de cuentas con la facultad de
 aceptarlas o rechazarlas; recibir mercadería en pago;
 celebrar toda clase de acuerdos y transacciones; reclamar
 intereses y costas; transar; entablar juicios de desalojo;
 tomar posesión de bienes; asistir a cualquier clase



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TRAINMET
CARRAL
REPRESENTANTE





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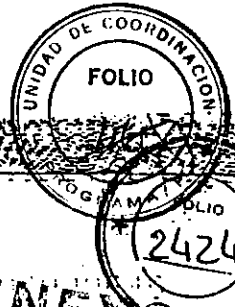
de audiencias judiciales; 11. comparecer en audiencias para la graduación de créditos, con plenas facultades para aceptar o recusar cuerdos preventivos e interponer todos los recursos legales que estimé conveniente; 12. firmar toda correspondencia y conservar documentos, instrumentos y registros, para realizar los negocios de la Sociedad; 13. negociar todos los contratos, compromisos, fianzas de cumplimiento, indemnizaciones, solicitudes de seguro, garantías y contratos sellados que sean necesarios para lo que antecede y para la conservación de los bienes y derechos de la Sociedad; 14. delegar, por escrito, total o parcialmente, las facultades aquí conferidas, otorgando poder especial o de otro carácter, y revocar dicha delegación de poder especial; sin embargo, la vigencia de la citada delegación o de los poderes especiales no se extenderá mas allá de la fecha de vencimiento del presente poder; y realizar y cumplir todos y cualesquiera actos necesarios o requeridos con respecto al presente, y General Motors Interamerica Corporation, por si misma y por sus sucesores y cesionarios, por el presente ratifica y confirma todo lo que su apoderado o sustituto puedan realizar o cumplir con relacion a este poder en virtud del mismo.- Este Poder revoca y sustituye el Poder anteriormente otorgado el 15 de junio de 1994 y vencera al cierre de las operaciones el día treinta de junio de 1995.

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LOUIS CARRAL
 REPRESENTANTE

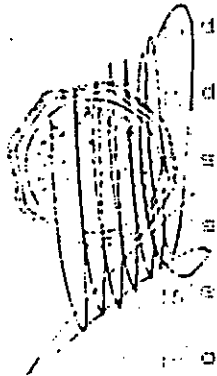
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ANEXO

EN SE DE LA CUEL, GENERAL MOTORS INTERAMERICA CORPORATION
 ha hecho firmar el presente y estampar su sello social el
 día de junio de 1994. GENERAL MOTORS INTERAMERICA CORPORATION
 Hay una firma y la aclaración: P.M. Smith, Vicepresidente.
 Aparece un sello en relieve que dice: GENERAL MOTORS
 Interamerica Corporation. Atestigua: (Hay una firma y la
 aclaración) A.R. Werner, Prosecretario.- ESTADO DE ILLINOIS,
 CONDADO DE COOK.- A los 30 días de junio de 1994, ante mi
 compareció P.M. Smith, Vicepresidente de GENERAL MOTORS
 INTERAMERICA CORPORATION, la sociedad descripta en el
 documento que antecede y quien ha otorgado el mismo, y
 declaro que conoce el sello de la sociedad nombrada, que el
 sello estampado en ese instrumento es el citado sello
 social, que fue estampado allí por orden del Directorio de
 esa sociedad y que suscribió el mismo en virtud de una
 orden impartida por el mismo.- Firmado: (ilegible),
 Escribana Publica.- Hay un sello: "SELLO OFICIAL". Juanita
 Acantilado. Escribana Publica, Estado de Illinois. Mi
 mandato cesa el 17/4/96.- Adjunto pendiente un sello del
 Consulado de la República Argentina en Chicago hay un
 certificado: ESTADO DE ILLINOIS, CONDADO DE COOK, a saber:
 CERTIFICADO DE AUTORIDAD - Yo, DAVID D. ORR, Secretario de
 Condado del Condado de Cook en el Estado de Illinois,
 certifico que Juanita Acantilado, cuyo nombre consta en el
 documento adjunto, es ESCRIBANA PUBLICA

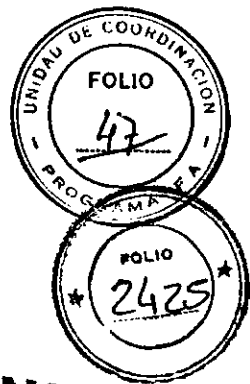
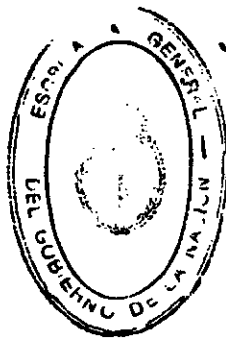


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LOUIS CARROLL

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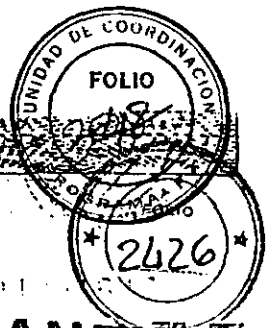
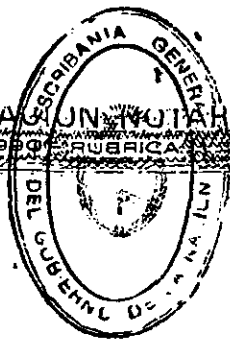
para el Estado de Illinois y se encontraba autorizada para actuar en dicho carácter a la fecha de la certificación notarial del citado documento.- Con el objeto de certificar la autenticidad de este Certificado de Autoridad para un acto notarial, coloco mi firma y sello del cargo a los 6 días de Julio de 1994. Firmado: (ilegible), Secretario del Condado de Cook, Estado de Illinois. Hay una firma ilegible, y debajo se lee: Secretario adjunto. Hay un sello en relieve: Condado de Cook, Illinois. Se adjunta mediante un sello del Consulado de la República Argentina en Chicago, la legalización de dicha repartición del 7 de julio de 1994, y la certificación del Departamento de Legaciones del Ministerio de Relaciones Exteriores y Culto. / del 14 de julio de 1994.- ES TRADUCCION FIEL del documento redactado en idioma inglés que he tenido a la vista y al // que me remito en Buenos Aires, a los 14 días de julio de // 1994.- Hay una firma ilegible. Hay un sello que dice: MONICA LUCIA BASSI. TRAD. PUB. - INGLES-TO X - FE 582 - MAR. 3027. Hay un sello que dice: COLEGIO DE TRADUCTORES PUBLICOS DE LA CIUDAD DE BUENOS AIRES. Corresponde a la legalización N° 27/04/94.- Hay una firma ilegible: Alejandro G. Grosso.- Hay un timbre.- Hay dos sellos que unen que dicen: COLEGIO DE TRADUCTORES PUBLICOS DE LA CIUDAD DE BUENOS AIRES. LEY 20.305 N° 00123991. COLEGIO DE TRADUCTORES PUBLICOS DE LA CIUDAD DE BUENOS AIRES - REPUBLICA ARGENTINA - LEY 20.305 - LEGALIZACION

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AGUIA UN NOTARIAL
LEY 12.800 REPUBLICA ARGENTINA



TESTIMONIO

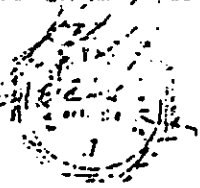
ANEX

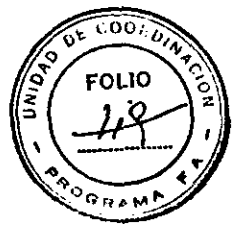
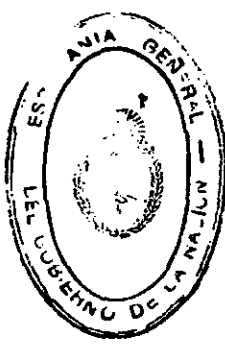
Por la presente el COLEGIO DE TRADUCTORES PUBLICOS DE LA CIUDAD DE BUENOS AIRES en virtud de la facultad que le confiere el articulo 10 inciso) de la Ley 23.191, certifica que la firma y sello que aparecen en el documento adjunto, concuerdan con los correspondientes al traductor publico, MUNICION, que obran en nuestros registros en el folio 302 tomo 10 -11 INGLES.- La presente legalizacion no juzga sobre el contenido ni sobre la forma del documento. Buenos Aires, 15 de Julio de 1994. Leg.Nro.: 94/27994.- Hay una firma ilegible. Hay un sello que dice: ALICIA S. KAUFMAN - JEFE DE SEVICIOS.- COLEGIO DE TRADUCTORES PUBLICOS DE LA CIUDAD DE BUENOS AIRES. Hay otro sello que dice: ESTA LEGALIZACION NO ES VALIDA SIN EL CORRESPONDIENTE TIMBRADO.- ES COPIA FIEL, doy fe.- LEIDA que le fue, la otorga y firma el compareciente por ante mi, Escribano Autorizante, doy fe.- GUILLERMO J.A. MALM GREEN LERNER.- Hay un sello.- Ante mi: PATRICIO RODOLFO SALA.- CONCUERDA con su escritura matriz que caso ante mi al folio 4660 del Registro 379 de mi adscripcion, doy fe. PARA EL MANDATARIO expide el presente PRINCIPALMENTE MUNICION en seis fojas de Actuacion Notarial numeradas correlativamente desde el numero 8-004990642 al 8-004990647 que firmo y sello en el lugar de su otorgamiento a los veintiocho dias del mes de Julio de mil novecientos noventa y cuatro.

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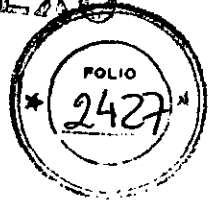
TRAINNET
LEIDA
PRESIDENTE

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ANEXO



INSPECCION GENERAL DE JUSTICIA

... el 7. 9. 94 bajo el número 839
... libro 53 B de Estadísticas Penales

TRAINMET

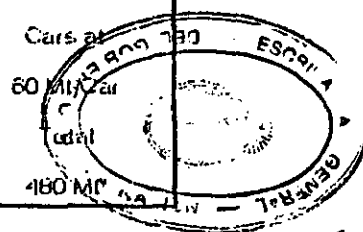
LUIS CARRAL
REPRESENTANTE

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TRANSPORTES METROPOLITANOS SAN MARTIN S.A.

TRAIN SIMULATION – RETIRO / PILAR and RETURN

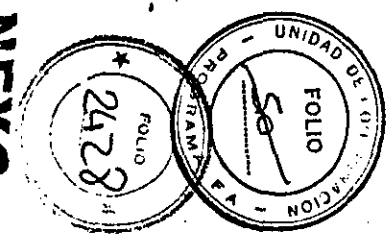
Locomotive Model	Traction Horsepower	Total Trip Distance	Total Trip Time	Decrease in Time From Specification	Total Trip Fuel Consumed		Trailing Tonnage
		(Km)	(Hrs:Min)	(Min)	(Liters)	(Gallons)	
Specification Requirement	1.800	111	4:34	-	-	-	8 Passenger Cars at 60 Mph/Car
GT-18LC-2	1.500	111	4:19	15	387	102	
GT-22CW-2	2.250	111	4:11	23	487	128	
G26CW	2.000	111	4:14	20	509	134	

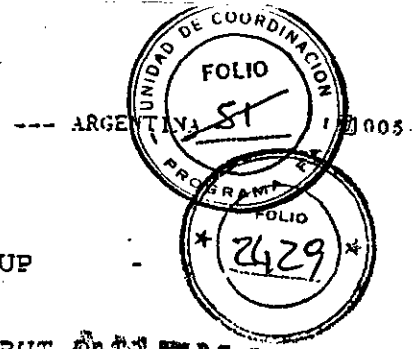


1. - Locomotive -- 6 -- Axle -- Weight 11 M.T -- 61' 16" -- 40" -- Max Speed 120 Km/Hr.
2. - INCLUDES 2 MINUTES DWELL TIME FOR EACH STATION STOP (BOTH DIRECTIONS) AND 20 MINUTE LAYOVER AT END OF FIRST SEGMENT.


 LUIS CHARAL REPRESENTANTE
 TRAINMET



ANEXO





13-OCT-94 09:25:14

GENERAL MOTORS LOCOMOTIVE GROUP
ELECTRO-MOTIVE DIVISION

TRAIN PERFORMANCE COMPUTER SIMULATION INPUT **ANEXO**

ARGENTINA
GT22CW GEAR RATIO 61:16
8 PASSENGER CARS = 480 TOTAL TONNES
120 SEC STATION STOPS, 20 MIN TURNAROUND TIME

LOCOMOTIVE DATA - -
QUANTITY 1.000000
AXLES 6.000000
TONNES 111.022400
AREA (SQ.M.) 11.148000
LENGTH (M.) 17.373600

DAVIS FORMULA CONSTANTS - -
LOCOMOTIVE JOURNAL CONSTANT 0.650000
LOCOMOTIVE AXLE CONSTANT 13.1543131
LOCOMOTIVE FLANGE CONSTANT .0093226
LEADING LOCOMOTIVE AIR CONSTANT .0045246
TRAILING LOCOMOTIVE AIR CONSTANT .0022623

OTHER INPUT DATA - -
BRAKING RATE (KPHPS) 0.402250
TOLERANCE ON SPEED LIMITS (km/h) 1.609000
TIME STEP PER SOLUTION (SECONDS) 4.000000
WAITING TIME (SECONDS)
AT EACH STATION STOP 120.00
LOCOMOTIVE MINIMUM CONTINUOUS SPEED (km/h) 19.79

MAXIMUM SPEED ALLOWED REGARDLESS OF SPEED LIMIT FILE = 120.67 km/h

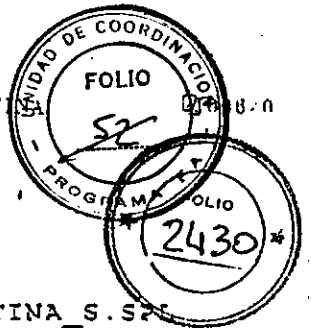
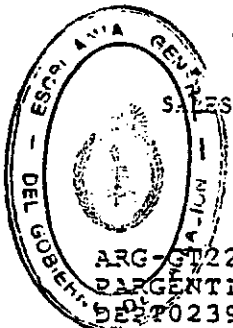
TRAILING CAR DATA - -
QUANTITY 8.000000
AXLES 4.000000
TONNES 59.999092
AREA (SQ.M.) 11.000289
LENGTH (M.) 24.384001

DAVIS FORMULA CONSTANTS - -
TRAILING CAR JOURNAL CONSTANT 0.650000
TRAILING CAR AXLE CONSTANT 13.1543131
TRAILING CAR FLANGE CONSTANT .0093226
TRAILING CAR AIR CONSTANT .0006410

FUEL CONSUMPTION RATES IN POWER THROTTLE POSITION KGS/HR
22.82 62.14 104.55 143.34 190.83 248.89 340.98 400.71
KGS/HR IN BRAKE 33.29
KGS/HR IN IDLE 12.34
FUEL DENSITY, KGS/LITRE 0.84403

TRACTION HORSEPOWER IN EACH THROTTLE POSITION
76.30 323.10 570.50 793.10 1063.00 1401.90 1932.10 2270.30

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TRAINMET
Handwritten signature
LUIS CARRAL
REPRESENTANTE



INPUT DATA FILE NAMES:

INPUT FILE
GRADE/CURVE FILE
SPEED RESTRICTION FILE
TRACTIVE EFFORT FILE
TRACTIVE HP FILE
THROTTLE FUEL RATE FILE
MAXIMUM HORSEPOWER FILE

ARG-GT22CW
ARGENTINA.PRF
DEPT0239: [USAVAGE] RARGENTINA S. SP
REU: EARGGT22CWAD_581940.TEF
REU: TARGGT22CWAD_581940.TEF
REU: FGT22CWOM-A1.FUR
REU: HGT22CWOM-A1.HE

ANEXO

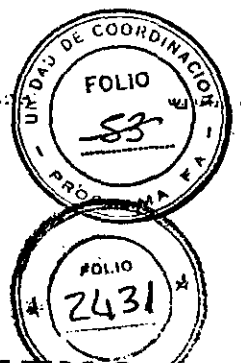
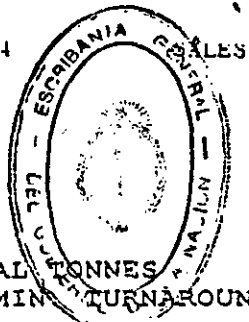
TRAIN MAKEUP FOR THIS SEGMENT IS AS FOLLOWS:

Qty	Drawbar Limit, Lbs.	Description
1	0.	GT22CW 2270THP
8	0.	PASSENGER 66 TONS-80FT

Ul

*LUIS GARRIL
REPRESENTANTE*

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13-OCT-94 09:25:14

ARGENTINA
 GT22CW GEAR RATIO 61:16
 8 PASSENGER CARS = 480 TOTAL TONNES
 120 SEC STATION STOPS, 20 MIN TURNAROUND TIME

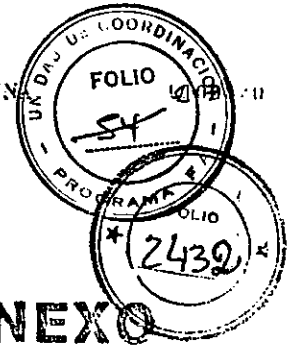
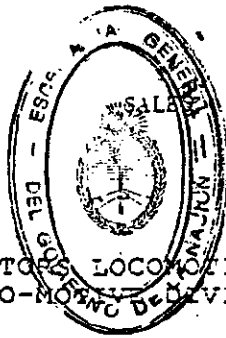
ANEXO

STATION	KM TO ST	KILOMETRES	km/h	TIME	MIN	SECS
RETIRO	0.00	0.00	0.02	0.00	0	0
PALERMO	6.34	6.34	0.00	22.95	0	7
PALERMO	6.34	6.34	0.00	23.44	0	9
CHACARITA	8.79	8.78	0.00	34.98	0	13
CHACARITA	8.79	8.78	0.00	35.47	0	15
LA PATERNAL	10.65	10.65	0.00	45.95	0	19
LA PATERNAL	10.65	10.65	0.00	46.44	0	21
V.DEL PARQUE	13.27	13.27	0.00	60.03	0	25
V.DEL PARQUE	13.27	13.27	0.00	60.52	0	27
DEVOTO	14.99	14.99	0.00	69.64	0	30
DEVOTO	14.99	14.99	0.00	70.13	0	32
SAENZ PENA	16.37	16.37	0.00	77.76	0	35
SAENZ PENA	16.37	16.37	0.00	78.25	0	37
SANTOS LUGAR	17.57	17.56	0.00	85.04	0	40
SANTOS LUGAR	17.57	17.56	0.00	85.53	0	42
CASEROS	19.67	19.67	13.21	96.02	0	45
EL PALOMAR	22.64	22.64	0.00	110.51	0	52
EL PALOMAR	22.64	22.64	0.00	111.00	0	54
HURLINGHAM	26.38	26.38	0.00	126.96	0	59
HURLINGHAM	26.38	26.38	0.00	127.45	1	1
W.C.MORRIS	29.00	29.00	0.00	140.19	1	5
W.C.MORRIS	29.00	29.00	0.00	140.68	1	7
GRAL.RICHIER	32.06	32.06	0.00	154.84	1	12
GRAL.RICHIER	32.06	32.06	0.00	155.33	1	14
MUNIZ	34.29	34.29	0.00	166.49	1	17
MUNIZ	34.29	34.29	0.00	166.97	1	19
SAN MIGUEL	35.48	35.48	0.00	173.95	1	22
SAN MIGUEL	35.48	35.48	0.00	174.44	1	24
JOSE C. PAZ	0.00	39.95	0.00	189.59	1	31
JOSE C. PAZ	0.00	39.95	0.00	190.07	1	33
PTE.DERQUI	0.00	48.63	0.00	210.90	1	42
PTE.DERQUI	0.00	48.63	0.00	211.39	1	44
LILOMETRO 52	0.00	52.34	0.00	228.15	1	49
LILOMETRO 52	0.00	52.34	0.00	228.64	1	51
PILAR	0.00	55.43	0.00	242.91	1	56
PILAR	0.00	55.43	0.00	242.91	1	56
PILAR	0.00	55.43	0.00	242.91	1	56

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SECRETARIA

13-OCT-94 09:25:30



GENERAL MOTORS LOCOMOTIVE GROUP
ELECTRO-MOTIVE DIVISION

TRAIN PERFORMANCE COMPUTER SIMULATION OUTPUT DATA

ANEXO

ARGENTINA
GT22CW GEAR RATIO 61:16
8 PASSENGER CARS = 480 TOTAL TONNES
120 SEC STATION STOPS, 20 MIN TURNAROUND TIME

TRIP RUNNING TIME 2.264 HOURS
TRIP DISTANCE 55.430 KILOMETRES
TRIP FUEL CONSUMPTION 247.782 LITRES
SEGMENT RUNNING TIME 2.264 HOURS
SEGMENT DISTANCE 55.430 KILOMETRES
SEGMENT FUEL CONSUMPTION 247.782 LITRES
TRAIN LENGTH 212. METRES
TRAIN WEIGHT 480. TRAILING TONNES
DYNAMIC BRAKES APPLIED 20. OCCASIONS
AIR BRAKES APPLIED 17. OCCASIONS
ENERGY EXPENDED 622. KW-HRS AT THE RAIL

963.422 HP-HRS INTO THE MAIN GENERATOR (ALL NOTCHES) OR
718.424 KW-HRS INTO THE MAIN GENERATOR (ALL NOTCHES)
963.250 HP-HRS INTO THE MAIN GENERATOR (POWER ONLY) OR
718.296 KW-HRS INTO THE MAIN GENERATOR (POWER ONLY)

ENERGY PUT INTO DYNAMIC BRAKES 368. KW-HRS
ENERGY PUT INTO TRAIN'S BRAKE SHOES 1. KW-HRS

COUNT OF THROTTLE ENGAGEMENTS (1-8, BRAKE, IDLE)
1. 2. 7. 3. 1. 2. 0. 18. 20. 18.

HOURS IN EACH THROTTLE POSITION (1-8, BRAKE, IDLE)
0.00 0.03 0.09 0.02 0.01 0.01 0.00 0.39 0.82 0.90

PERCENT OF TIME IN EACH THROTTLE POSITION (1-8, BRAKE, IDLE)
0.05 1.35 3.76 0.88 0.51 0.24 0.00 17.08 36.38 39.76

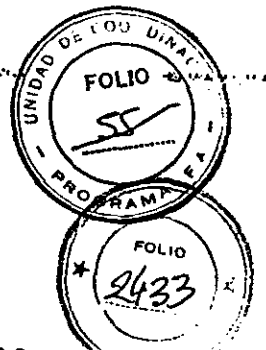
THE FOLLOWING SEGMENT TABLES APPLY FROM RETIRO THROUGH PILAR

LEAD LOCOMOTIVES

SUMMARY OF HIGHEST ADHESION CONDITIONS
WHERE TRAIN WAS DECELERATING IN FULL POWER
NONE

W
TRAINMET
Ch
LUIS CARRAL
REPRESENTANTE

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13-OCT-94 09:25:32

GENERAL MOTORS LOCOMOTIVE GROUP
ELECTRO-MOTIVE DIVISION

TRAIN PERFORMANCE COMPUTER SIMULATION INPUT DATA

ANEXO

ARGENTINA
GT22CW GEAR RATIO 61:16
8 PASSENGER CARS = 480 TOTAL TONNES
120 SEC. STATION STOPS, 20 MIN TURNAROUND TIME

LOCOMOTIVE DATA - -
QUANTITY 1.000000
AXLES 6.000000
TONNES 111.022400
AREA (SQ.M.) 11.148000
LENGTH (M.) 17.373600

DAVIS FORMULA CONSTANTS - -
LOCOMOTIVE JOURNAL CONSTANT 0.650000
LOCOMOTIVE AXLE CONSTANT 13.1543131
LOCOMOTIVE FLANGE CONSTANT .0093226
LEADING LOCOMOTIVE AIR CONSTANT .0045246
TRAILING LOCOMOTIVE AIR CONSTANT .0022623

OTHER INPUT DATA - -
BRAKING RATE (KPHPS) 0.402250
TOLERANCE ON SPEED LIMITS (km/h) 1.609000
TIME STEP PER SOLUTION (SECONDS) 4.000000
WAITING TIME (SECONDS)
AT EACH STATION STOP 120.00
LOCOMOTIVE MINIMUM CONTINUOUS SPEED (km/h) 19.79

MAXIMUM SPEED ALLOWED REGARDLESS OF SPEED LIMIT FILE = 120.67 km/h

TRAILING CAR DATA - -
QUANTITY 8.000000
AXLES 4.000000
TONNES 59.999092
AREA (SQ.M.) 11.000289
LENGTH (M.) 24.384001

DAVIS FORMULA CONSTANTS - -
TRAILING CAR JOURNAL CONSTANT 0.650000
TRAILING CAR AXLE CONSTANT 13.1543131
TRAILING CAR FLANGE CONSTANT .0093226
TRAILING CAR AIR CONSTANT .0006410

FUEL CONSUMPTION RATES IN POWER THROTTLE POSITION KGS/HR
22.82 62.14 104.55 143.34 190.83 248.89 340.88 400.71
KGS/HR IN BRAKE 33.29
KGS/HR IN IDLE 12.34
FUEL DENSITY, KGS/LITRE 0.84403

TRACTION HORSEPOWER IN EACH THROTTLE POSITION
76.30 323.10 570.50 793.10 1063.00 1401.90 1932.10 2270.30

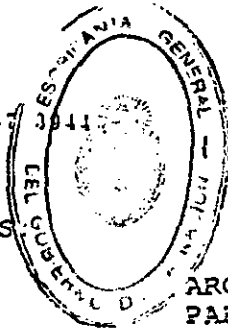
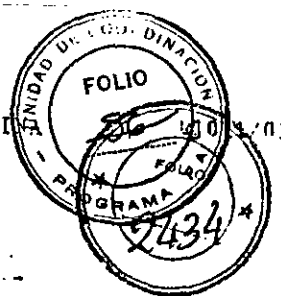
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S CARRAL
REPRESENTANTE

10/14/94 08:33

708 337 3844

SALES

ARGENTINA



INPUT DATA FILE NAMES

INPUT FILE
 GRADE/CURVE FILE
 SPEED RESTRICTION FILE
 TRACTIVE EFFORT FILE
 TRACTIVE HP FILE
 THROTTLE FUEL RATE FILE
 MAXIMUM HORSEPOWER FILE

ARG-GT22CW
 PARGENTINA.PRF
 DEPT0239: (USAVAGE) RARGENTINA
 REU: EARGGT22CWAD_581940.TEF
 REU: TARGGT22CWAD_581940.THP
 REU: FGT22CWOM-A1.FUR
 REU: HGT22CWOM-A1.HP

ANEXO

TRAIN MAKEUP FOR THIS SEGMENT IS AS FOLLOWS:

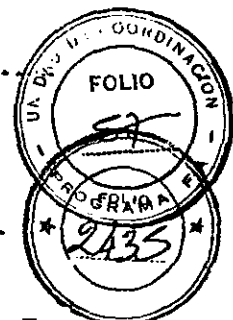
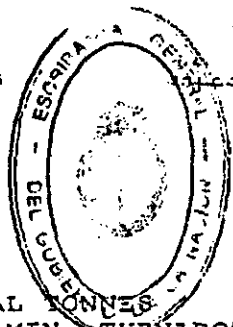
Qty	Drawbar Limit, Lbs.	Description
1	0.	GT22CW 2270THP
8	0.	PASSENGER 66 TONS-80FT

ll

TRAINMET

[Signature]
 LUIS CARRAL
 REPRESENTANTE

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13-OCT-94 09:25:32

ARGENTINA
 GT22CW GEAR RATIO 61:16
 8 PASSENGER CARS = 480 TOTAL TONNES
 120 SEC. STATION STOPS, 20 MIN TURNAROUND TIME

ANEXO

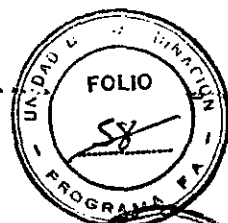
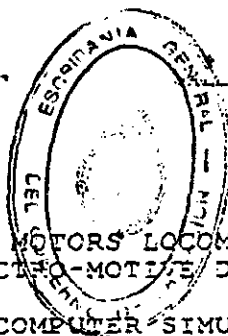
STATION	KMPOST	KILOMETRES	km/h	LITRES	HRS	MIN
PILAR	0.00	55.43	0.00	247.78	2	16
LILOMETRO 52	0.00	58.52	0.00	261.99	2	20
LILOMETRO 52	0.00	58.52	0.00	262.47	2	22
PTE.DERQUI	0.00	62.23	0.00	280.22	2	27
PTE.DERQUI	0.00	62.23	0.00	280.71	2	29
JOSE C. PAZ	0.00	70.91	0.00	306.77	2	39
JOSE C. PAZ	0.00	70.91	0.00	307.26	2	41
SAN MIGUEL	35.48	75.38	0.00	317.48	2	48
SAN MIGUEL	35.48	75.38	0.00	317.97	2	50
MUNIZ	34.29	76.57	0.00	324.40	2	52
MUNIZ	34.29	76.57	0.00	324.89	2	54
GRAL.RICHIER	32.06	78.80	0.00	335.56	2	58
GRAL.RICHIER	32.06	78.80	0.00	336.05	3	0
W.C.MORRIS	29.00	81.86	0.00	349.00	3	5
W.C.MORRIS	29.00	81.86	0.00	349.49	3	7
HURLINGHAM	26.38	84.48	0.00	362.76	3	11
HURLINGHAM	26.38	84.48	0.00	363.25	3	13
EL PALOMAR	22.64	88.22	0.00	379.14	3	18
EL PALOMAR	22.64	88.22	0.00	379.63	3	20
CASEROS	19.67	91.19	27.06	396.62	3	26
SANTOS LUGAR	17.57	93.29	0.00	405.70	3	30
SANTOS LUGAR	17.57	93.29	0.00	406.19	3	32
SAENZ PENA	16.37	94.49	0.00	412.87	3	35
SAENZ PENA	16.37	94.49	0.00	413.36	3	37
DEVOTO	14.99	95.87	0.00	420.86	3	40
DEVOTO	14.99	95.87	0.00	421.35	3	42
V.DEL PARQUE	13.27	97.58	0.00	430.04	3	45
V.DEL PARQUE	13.27	97.58	0.00	430.53	3	47
LA PATERNAL	10.65	100.21	0.00	442.28	3	51
LA PATERNAL	10.65	100.21	0.00	442.77	3	53
CHACARITA	8.79	102.07	0.00	451.80	3	56
CHACARITA	8.79	102.07	0.00	452.29	3	58
PALERMO	6.34	104.52	0.00	463.15	4	2
PALERMO	6.34	104.52	0.00	463.64	4	4
RETIRO	0.00	110.86	0.00	487.16	4	11
RETIRO	0.00	110.86	0.00	487.16	4	11

TRAINMET

[Handwritten signature]
 LUIS CARRAL
 REPRESENTANTE

10-14-94 09:25:47

13-OCT-94 09:25:47



GENERAL MOTORS LOCOMOTIVE GROUP
ELECTRO-MOTIVE DIVISION

TRAIN PERFORMANCE COMPUTER SIMULATION OUTPUT DATA

ARGENTINA

GT22CW GEAR RATIO 61:16
8 PASSENGER CARS = 480 TOTAL TONNES
120 SEC. STATION STOPS, 20 MIN TURNAROUND TIME

TRIP RUNNING TIME 4.190 HOURS
TRIP DISTANCE 110.859 KILOMETRES
TRIP FUEL CONSUMPTION 487.155 LITRES
SEGMENT RUNNING TIME 1.926 HOURS
SEGMENT DISTANCE 55.429 KILOMETRES
SEGMENT FUEL CONSUMPTION 239.373 LITRES
TRAIN LENGTH 212. METRES
TRAIN WEIGHT 480. TRAILING TONNES
DYNAMIC BRAKES APPLIED 40. OCCASIONS
AIR BRAKES APPLIED 35. OCCASIONS
ENERGY EXPENDED 1233. KW-HRS AT THE RAIL

1908.711 HP-HRS INTO THE MAIN GENERATOR (ALL NOTCHES) OR
1423.326 KW-HRS INTO THE MAIN GENERATOR (ALL NOTCHES)
1908.399 HP-HRS INTO THE MAIN GENERATOR (POWER ONLY) OR
1423.093 KW-HRS INTO THE MAIN GENERATOR (POWER ONLY)

ENERGY PUT INTO DYNAMIC BRAKES 746. KW-HRS
ENERGY PUT INTO TRAIN'S BRAKE SHOES 4. KW-HRS

COUNT OF THROTTLE ENGAGEMENTS (1-8, BRAKE, IDLE)									
3.	7.	11.	7.	7.	3.	1.	36.	40.	35.
HOURS IN EACH THROTTLE POSITION (1-8, BRAKE, IDLE)									
0.01	0.07	0.13	0.05	0.04	0.01	0.00	0.76	1.65	1.47
PERCENT OF TIME IN EACH THROTTLE POSITION (1-8, BRAKE, IDLE)									
0.24	1.59	3.07	1.21	1.07	0.15	0.12	18.12	39.43	35.01

THE FOLLOWING SEGMENT TABLES APPLY FROM PILAR THROUGH RETIRO

LEAD LOCOMOTIVES

SUMMARY OF HIGHEST ADHESION CONDITIONS
WHERE TRAIN WAS DECELERATING IN FULL POWER
NONE

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LEAD LOCOMOTIVES

SUMMARY OF HIGHEST SHORT TIME CONDITIONS
DISTANCE HOURS MINUTES IN SHORT TIME

NONE

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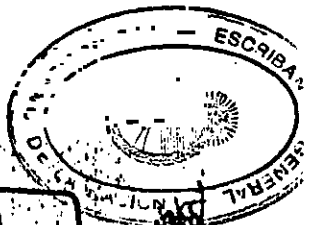
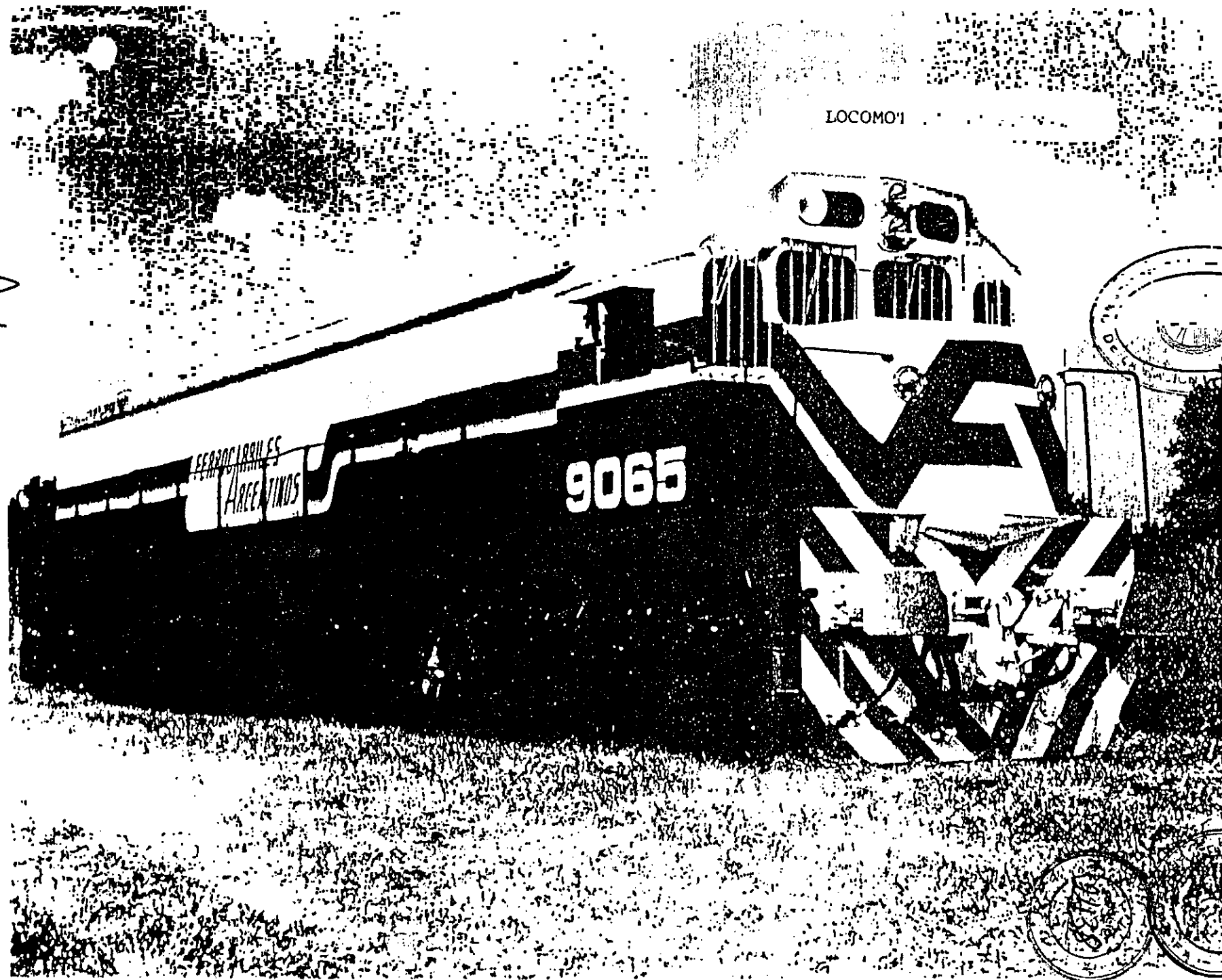
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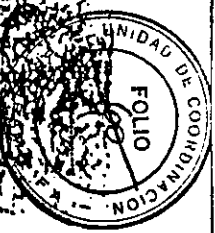


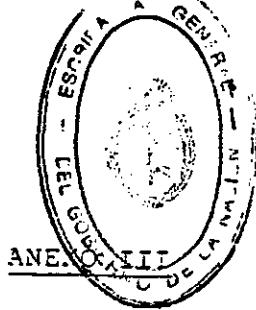
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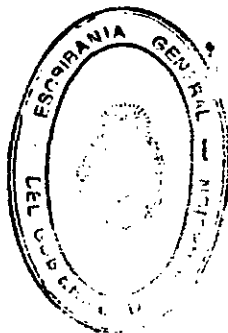
LOCOMOTIVE SPECIFICATIONS

GENERAL MOTORS
MODELS GT22CU & GT22CW
2475/2250 HORSEPOWER
SIX MOTOR
DIESEL-ELECTRIC LOCOMOTIVES

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GENERAL MOTORS





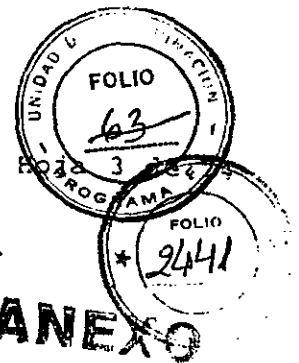
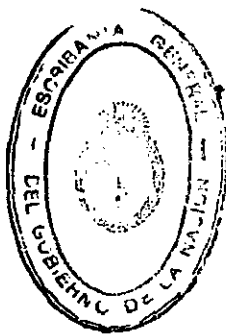
INDEX



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CARBODY CONSTRUCTION	2
TRUCKS	3
POWER PLANT AND TRANSMISSION ENGINE, GENERATOR, COOLING AND LUBRICATING SYSTEMS	4
AIR BRAKES	5
EQUIPMENT	6
LOCOMOTIVE MODIFICATIONS	7
LOCOMOTIVE OPTIONS	8
PAINTING	9
PERFORMANCE DATA	10
TRACTIVE EFFORT GRAPH	ATTACHED
LOCOMOTIVE GENERAL ARRANGEMENT DIAGRAM	ATTACHED

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SECTION 1 GENERAL INFORMATION AND IDENTIFICATION



MODEL GT22CU and GT22CW 2475/2250 horsepower six motor Diesel Electric Locomotive.

TYPE AAR designation (C-C), Common designation (0660).

TRACK GAUGE GT22CU – All gauges from one meter to 1.676 m. (5'6").
GT22CW – All gauges from 1.435 m. (4'8-1/2") to 1.676 m. (5'6").

Carbody and power plant structure is identical for all gauges.

Different track gauges are accommodated by variation in the truck structure and axles. All other truck parts are identical.

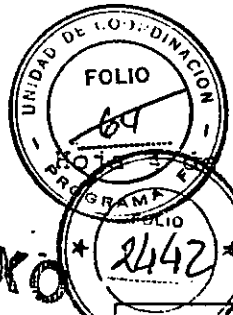
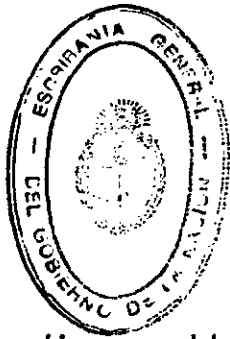
ARRANGEMENT The general arrangement of the locomotive is shown on Elevation and Floor Plan Drawing attached.

The locomotive consists of one unit complete with engine, generator, trucks, and all necessary accessories for single unit operation, with a control cab between the long and short hoods.

NOMINAL DIMENSIONS	Distance, end sill to centerline of bolster:	
	Hood end	3.0480 m. (10')
	Cab end	3.0480 m. (10')
	Distance between bolster centers	11.2776 m. (37')
	Distance, front end sill to rear end sill	17.3736 m. (57')
	Six wheel truck – wheel base	3.632 m. (11' 11")
	Width over hand holds	2.819 m. (9'3")
	Overall height over exhaust stack collar	4.0322 m. (13' 2-3/4")

DRIVE	Driving motors	6
	Driving wheels	6 pair
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SECTION 1

General Information and Identification

WEIGHTS AND SUPPLIES	Basic nominal weight on rails (fully loaded) -- GT22CU	96,546 kg (212,850 lbs.)
	GT22CW	101,880 kg (224,600 lbs.)
	Fuel	2840 l. (750 gal.)
	Sand25 cu. m. (9 cu. ft.)
	Cooling water	681.3 l. (180 gal.)
	Lubricating oil	625 l. (165 gal.)

CURVE NEGOTIATION Truck swing limits single unit curve negotiation to a 27° curve of 64.92 m. (213') radius. Certain options and modifications may have an effect on minimum curve radius and/or overall locomotive clearances.

CLEARANCES Locomotive outline drawing found in rear of specification book illustrates clearance condition.

BUFFING AND DRAW BAR GEAR The ends of the underframe are designed to facilitate alternative types of buffing and draw gear, and to transmit the stresses directly to the underframe structure. The end platforms are at a height convenient to receive automatic coupling.

When center draft gears are fitted, they are located below the main underframe end structure. The draft gear pockets are welded to the end platform between center sills.

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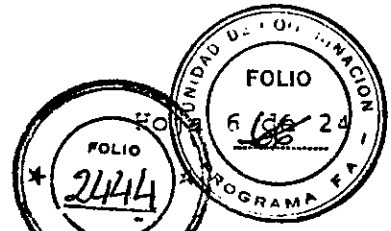
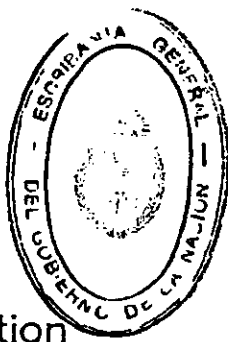
SECTION 2 CARBODY CONSTRUCTION



- FRAMING** The structure is all welded construction.
- FLOORING** Floor plates with antiskid surface are welded to underframe on end platforms and along side of hoods. Plywood cab floor covered with linoleum.
- UNDERFRAME CENTER BEARINGS** Welded to body bolster assembly.
- COUPLERS AND UNCOUPLING DEVICE** Each end of the locomotive is equipped with center couplers, which are provided with an uncoupling device arranged to operate from either side of the locomotive.
- DRAFT GEAR** Rubber draft gears are standard equipment.
- JACKING PADS** Combination jacking pad and cable sling is provided near each bolster at side sill.
- PLATFORM STEP** Platform mounting steps are provided at both ends.
- HANDRAILS** Hood mounted handrails are provided.
- CAB** The floor is elevated above the top of the underframe. The narrow long hood and the low short hood with large cab windows provide suitable vision for either direction of operation. Two doors are provided leading to walkways alongside the hoods.
- Side windows for operator are the sliding double sash type and are fitted with latches. Windows in doors are stationary and set in a special rubber retainer. Cab is of fabricated steel construction. Divided center window is provided over low short hood.*
- WINDOWS** All front and rear windows and doors are provided with safety plate glass. Side windows are safety sheet glass.
- DOOR LOCKS** The cab doors are fitted with an inside latch and provided with a lock.
- INSULATION** Ceiling is lined with perforated metal backed up by insulation as a protection against both heat and sound.

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SECTION 2
Carbody Construction

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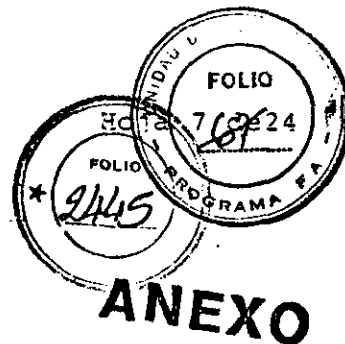
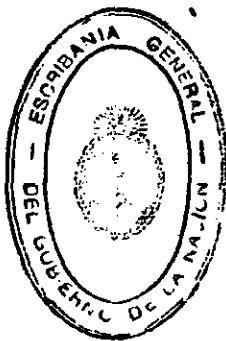
HOODS The rear (long) hood consists of a removable center hood section and a permanent end hood section. The removable center hood section is provided with suitable roof mounted doors and hatches enabling maximum accessibility for removal of equipment and power components. Side doors are provided on both sides of the hood for servicing all piping, electrical, and power components. The permanent end hood section contains the engine cooling radiators and encloses the cooling fans.

HOOD DOORS All-side doors have outside hinges and latches.

CARBODY FILTRATION Inertial filter cells.

PILOT A full width pilot is supplied on each end.


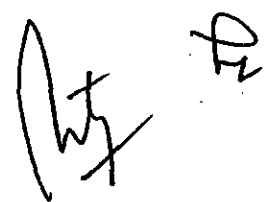
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SECTION 3 TRUCKS

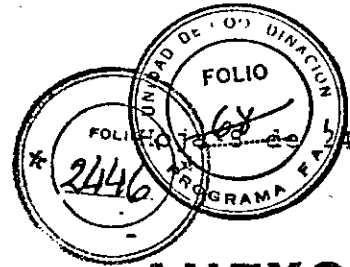
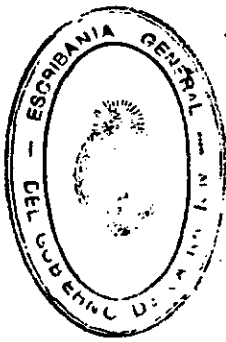


- TRUCK ASSEMBLIES** Two fully flexible three axle, three motor trucks are provided per locomotive.
The truck frame is supported on each journal box by coil springs. The center bearing load is distributed by the bolster to rubber spring assemblies which are supported by the truck frame. A hydraulic shock absorber is located on each side between truck frame and journal box to dampen the spring action. All traction motors are uni-directionally mounted to provide highest available adhesion characteristics.
- AXLES** Forged carbon steel conforming to current AAR material specifications.
- WHEELS** Rolled or cast steel, one piece, heat treated, rim quenched, 1.016 m. (40") diameter with 64 mm. (2-1/2") rim. Wheel treads are finished smooth and concentric.
- JOURNAL BOXES** Locomotive equipped with grease lubricated 165 mm. x 305 mm. (6-1/2" x 12") roller bearing journal boxes. Journal box pedestal guides provided with spring steel wear plates.
- PEDESTALS** Lined with composition nylon plates bolted to frame.
- PEDESTAL TIE BARS** Fitted and applied at the lower end of the pedestal legs, held in position by bolts.
- TRUCK CENTER BEARING RECEPTACLE** Truck center bearing receptacle provided with wear plates and dust guard.
- SIDE BEARINGS** Friction type side bearings.
- INTERLOCKS** Body and truck interlocks provided serving as antisluing device in case of derailment.
- TRUCK BRAKES** Single shoe type brake rigging provided on each wheel.
- BRAKE PINS** All pins and bushings hardened and ground.
- SLACK ADJUSTERS** Pin type slack adjusters.

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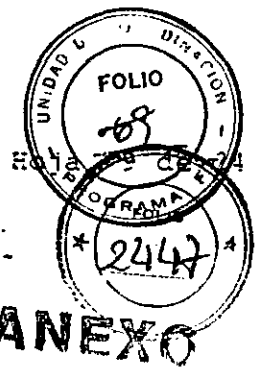
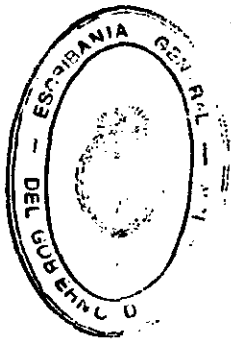
SECTION 3
Trucks



HAND BRAKE Hand brake provided for the locomotive connected to one brake cylinder only. Both trucks provided with a lever for hand brake connection, making trucks interchangeable.

SAND BOXES .0637 cu. m. (2-1/4 cu. ft.) outboard truck mounted sand boxes, four (4) are standard.

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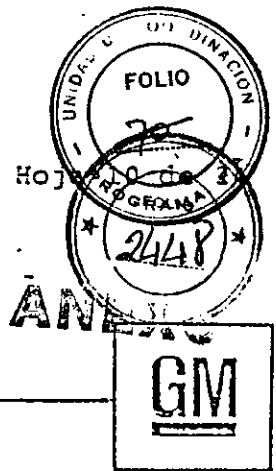
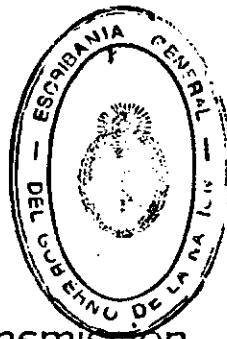
SECTION 4 POWER PLANT AND TRANSMISSION



ENGINE	General Motors twelve cylinder, 2 cycle diesel engine. Power assemblies arranged in 45 degree V, with 230.19 mm. (9-1/16") bore, 254 mm. (10") stroke, and unit injection. Turbochargèr scavenging through cylinder wall intake, and multivalve exhaust. Water cooled cylinder liners and heads, oil cooled pistons, seven bearing crankshaft, drop forged connection rods, and floating piston assembly, Isochronous governor speed control, separate over-speed trip and high crankcase pressure protection. Engine shipped without lubricating oil.
MAIN GENERATOR	EMD AC main generator, with rectified output for delivery to traction motors; 600 volt (nominal) direct current rating, ventilated by blower. Armature shaft supported by single bearing with direct connection to engine crankshaft through alternator rotor and flexible coupling. Adequate capacity to continuously transmit the rated output of the engine under all conditions for which the locomotive is designed.
GENERATOR EXCITATION	Excitation for main generator supplied from the alternator through silicon controlled rectifiers.
ALTERNATOR	EMD 200 volt, 3 phase, 16 pole alternator, built integral with main generator, to supply AC power for engine cooling fan induction motors, main generator excitation, and inertial separator exhaust fan.
TRACTION MOTORS	Six EMD direct current, series wound, force ventilated, axle hung motors with roller type armature bearings are provided. GT22CU – EMD universal gauge GT22CW – EMD standard/broad gauge
LOCOMOTIVE CONTROL	Both models have automatic traction motor field shunting, high voltage circuits safeguarded by a ground protective relay. Full range wheel slip control with automatic sanding under wheel slip conditions.
LOAD CONTROL	Load control provided to automatically maintain horsepower output in accordance with the published tractive effort characteristics of the locomotive.
ENGINE AIR INTAKE FILTERS	Paper filters provided for engine intake air.


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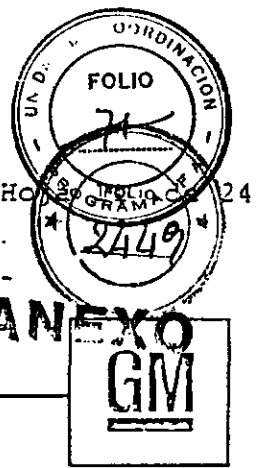
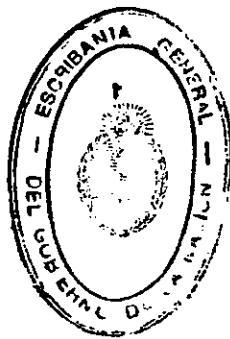


SECTION 4

Power Plant and Transmission

ENGINE EXHAUST	Three series connected manifolds discharge into turbine of turbocharger which has single exhaust through roof.
ENGINE FUEL SYSTEM	Return flow, single DC motor driven gear pump, protected by suction strainer, and discharge filters to insure clean fuel for the engine. Sight glasses permit visual inspection of fuel flow, and relief valve offers protection against excessive pressures.
FUEL TANK	Fuel tank built of heavy gauge steel, with baffle plates, located underneath the locomotive body. One filling station each side. Tank equipped with venting, cleanout plug, nonremovable water drain, and fuel gauge.
DRIVER'S CONTROL STATION	Control station, located to the left of the driver's seat, includes the engine speed throttle, locomotive reverse lever, automatic and independent brake valve. The lever arrangement is such that the throttle must be in idle before the reverse lever can be removed to isolate the controller.
DRIVER'S CONTROL SWITCHES	Engine fuel prime and start switch is located in engine room. Control and lighting switches located within reach of the driver, including switches for control and fuel pump, generator field, engine run, gauge lights, headlight "bright" front and rear, headlight "dim" front and rear. Engine stop switch located on rear cab wall.
DRIVER'S INSTRUMENT PANEL	A lighted instrument panel is provided on top of the driver's controller containing air brake gauges, wheel slip light, and the traction motor load indicating ammeter.
EQUIPMENT AIR SUPPLY	An inertial separator, roof mounted in a separate compartment behind the cab, supplies filtered intake air to major components. The separated contaminants are blown out by an AC fan incorporated in the separator. Filtered air is supplied to the combination traction motor and main generator blower and the engine air filters. Traction motor air is delivered to a duct and plenum chamber system on the underframe and supplies the traction motors with cooling air. The main supply air duct forms the left side walkway. Generator discharge air is used to pressurize the engine compartment. Electrical cabinets are supplied ventilation through a filter utilizing standard type paper oil filter elements.
AUXILIARY GENERATOR	10KW direct current generator, driven from engine gear train, provides current for control circuits, lighting and battery charging. Voltage automatically controlled by static voltage regulator.
ENGINE STARTING	Engine is started using two 64 volt parallel connected motors, energized by the locomotive storage battery. Engine start switch at governor end of engine.
STORAGE BATTERY TRAINMET	32 cell, 64 volt, 280 ampere hour capacity (8 hour rating) lead acid battery mounted on ventilted racks and located in battery box.

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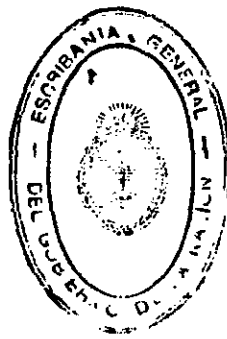
SECTION 4

Power Plant and Transmission

- ENGINE COOLING** Pressurized cooling system consisting of two direct driven centrifugal water pumps on the engine, radiators, and AC motor driven cooling fans located below radiators at rear of long hood. Water cooled oil cooler and water tank mounted as a unit directly in rear of the governor end of engine, automatic water temperature control, hot engine alarm, and engine shut-down in the event of low water pressure, are included. A water fill system to prevent inadvertent opening of the pressure cap is provided.
- ENGINE LUBRICATION** The engine lubricating oil system is a pressure system using two positive displacement gear type pumps combined in a single unit. One pump delivers oil for the pressure lubricating system, the other for piston cooling. The oil supply to these pumps is drawn from the oil strainer chamber through a common suction pipe.

A scavenging oil pump is used to draw oil from the engine oil pan through a strainer, pump it through the full flow paper lube oil filters to the oil cooler core section and return it to the strainer chamber. Low oil pressure and high oil temperature protection are provided resulting in engine shutdown.
- TURBOCHARGER LUBRICATION** An engine driven positive displacement gear type pump supplies oil to the turbocharger through secondary filtration. A separate electrically driven pump supplies oil to cool and lubricate the turbocharger for a definite time period on starting and stopping engine.
- ELECTRICAL CONTROL CABINET** A single dirt-proof, totally enclosed cabinet, pressurized with filtered air, houses the locomotive high and low voltage equipment. A separate cabinet in engine room contains cooling fan AC control equipment.
- ENGINE CONTROL PANEL** Panel is located on the cab rear partition and is an integral part of the electrical cabinet. Panel includes governor shutdown light, hot engine alarm light, turbocharger lube pump light, engine stop button, ground reset button, ground relay trip light and no auxiliary AC power light.
- ALARM SYSTEMS** An alarm bell and a governor shutdown light in the cab indicates low oil pressure, crankcase pressure, hot engine oil and/or low water pressure. An alarm bell with separate indicator lights located in the cab also signal ground relay, hot engine and loss of auxiliary AC power.


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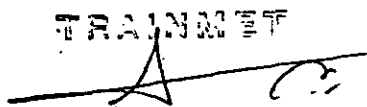

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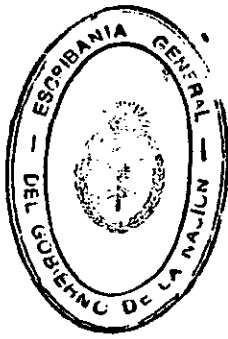


SECTION 5 AIR BRAKES

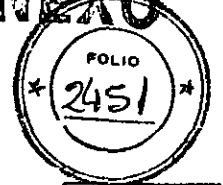


AIR BRAKES	26L brake schedule provided as basic. Provision made for vacuum brakes where required. For vacuum brake details, see Section 7.
FOUNDATION BRAKES	Trucks have 229 mm. x 203 mm. (9" x 8") single acting cylinders. 356 mm. (14") cast iron brake shoes, one shoe per wheel.
BRAKE PIPING	Wrought steel pipe with AAR fittings are used. Generally, all piping 12.7 mm. (1/2") O.D. and under uses nominal size steel tubing with SAE fittings.
MAIN RESERVOIR	Two steel reservoirs, one located in the locomotive cooling compartment and a second located beneath the underframe. Total capacity: .819 cu. m. (50,000 cu. in.).
AIR COMPRESSOR	One two stage, three cylinder, water cooled compressor direct coupled to the engine, having a displacement of 7.17 cu. m. (254 cu. ft.) per minute at 900 RPM. Compressor is provided with disposable intake air filter.
SANDING	Manual sanding switch for forward and reverse movement.

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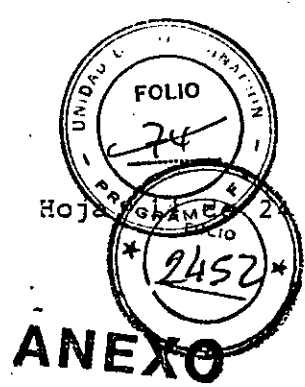
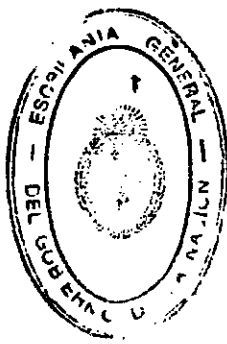


SECTION 5 AIR BRAKES

- AIR BRAKES** 26L brake schedule provided as basic. Provision made for vacuum brakes where required. For vacuum brake details, see Section 7.
- FOUNDATION BRAKES** Trucks have 229 mm. x 203 mm. (9" x 8") single acting cylinders. 356 mm. (14") cast iron brake shoes, one shoe per wheel.
- BRAKE PIPING** Wrought steel pipe with AAR fittings are used. Generally, all piping 12.7 mm. (1/2") O.D. and under uses nominal size steel tubing with SAE fittings.
- MAIN RESERVOIR** Two steel reservoirs, one located in the locomotive cooling compartment and a second located beneath the underframe. Total capacity: .819 cu. m. (50,000 cu. in.).
- AIR COMPRESSOR** One two stage, three cylinder, water cooled compressor direct coupled to the engine, having a displacement of 7.17 cu. m. (254 cu. ft.) per minute at 900 RPM. Compressor is provided with disposable intake air filter.
- SANDING** Manual sanding switch for forward and reverse movement.

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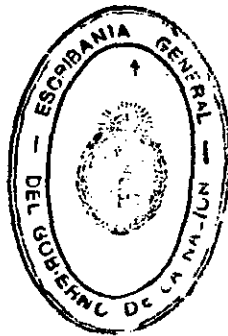
SECTION 6 EQUIPMENT



- WINDOW WIPERS** Pneumatic single blade wipers provided on front cab windows and door only.
- SUN VISORS** Adjustable metal sun visor at driver's front window.
- CAB SEATS** The two wall mounted upholstered cab seats have forward and backward as well as height adjustments. Both seats can be turned 180 degrees. Arm rests are provided outside the side windows.
- FIRE EXTINGUISHERS** 1.14 kg (2-1/2 lb.) dry powder type located in cab. 9.08 kg (20 lb.) dry powder type located in engine compartment.
- HEADLIGHT** Twin sealed-beam headlights, front and rear, are equipped with two 200 watt, 30 volt sealed-beam units. Bright and dim switch for each light provided in operator's cab.
- WARNING DEVICES** One large diaphragm type air horn, pointing forward.

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SECTION 7 LOCOMOTIVE MODIFICATIONS

The following modifications can be supplied on request. The base price of the locomotive does not include any of these modifications. The modifications may result in increased weight and may change the locomotive dimensions.

VACUUM BRAKES

Vacuum train brake equipment is available.

Basic air compressor is replaced by a direct driven combination compressor-exhauster assembly. Three capacities are available to meet all possible requirements. These are listed as follows:

Model ABOV

2 Water Cooled Compressor Cylinders - 2 Air Cooled Exhauster Cylinders

Air Displacement - Idle 315 RPM - 44.3 CFM (1.25 cu. m./min.)

Vacuum Displacement - Idle 315 RPM - 103.4 CFM (2.92 cu. m./min.)

Air Displacement - Full Speed 900 RPM - 127.0 CFM (3.59 cu. m./min.)

Vacuum Displacement - Full Speed 900 RPM - 296.7 CFM (8.40 cu. m./min.)

Model WXOV

3 Air Cooled Compressor Cylinders - 3 Air Cooled Exhauster Cylinders

Air Displacement - Idle 315 RPM - 88.9 CFM (2.52 cu. m./min.)

Vacuum Displacement - Idle 315 RPM - 133.3 CFM (3.77 cu. m./min.)

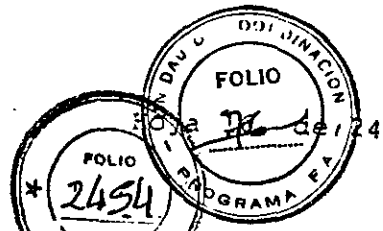
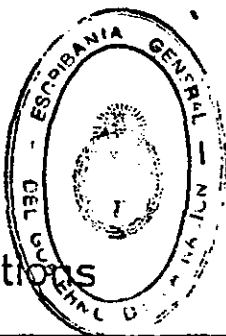
Air Displacement - Full Speed 900 RPM - 253.9 CFM (7.19 cu. m./min.)

Vacuum Displacement - Full Speed 900 RPM - 380.5 CFM (10.8 cu. m./min)

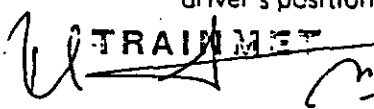


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SECTION 7

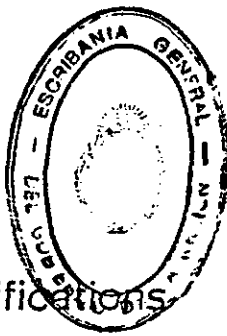
Locomotive Modifications



- Model ADJV
- 2 Air Cooled Compressor Cylinders — 4 Air Cooled Exhauster Cylinders
- Air Displacement — Idle 315 RPM — 44.3 CFM (1.25 cu. m./min.)
- Vacuum Displacement — Idle 315 RPM — 177.5 CFM (5.03 cu. m./min.)
- Air Displacement — Full Speed 900 RPM — 127.0 CFM (3.59 cu. m./min.)
- Vacuum Displacement — Full Speed 900 RPM — 507.2 CFM (14.36 cu. m./min.)
- WATER COOLER** Water cooler with cup dispenser.
- FUEL TANK** Increased capacity fuel tank is available.
- SAND BOX CAPACITY** Inboard sanding can be applied, increasing sand capacity to .510 cu. m. (18 cu. ft.). Inboard boxes truck mounted. Where clearance permits, oversize boxes can be applied.
- DYNAMIC BRAKES** Dynamic brakes use the traction motors as generators, with the power being dissipated through force ventilated grid resistors mounted in hood above engine.
- DUAL CONTROL** Locomotive cab may be equipped with dual controls.
- WHEELS** 88.9 mm. (3-1/2") wheel rims are available which are suitable for application of tyres when partially worn and turned to proper diameter.
- CLASP BRAKES** Clasp brakes are available.
- MULTIPLE CONTROL** Multiple control equipment for operating two or more units from one cab. Control of headlights is also trainlined.
- A ramp can also be provided between units at both ends of the locomotive.
- EMERGENCY FUEL CUTOFF** Electrical emergency fuel cutoff is available at each side of fuel tank and in cab, by push button operation. When operated, engine stops immediately.
- SPEEDOMETER** Combination speedometer, recorder and odometer provided in front of driver's position.

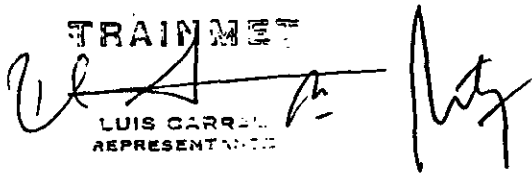
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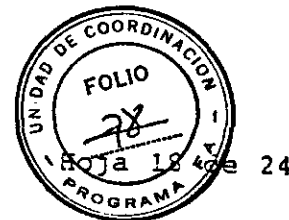
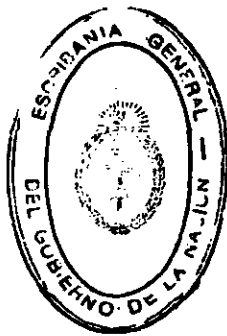


SECTION 7
Locomotive Modifications



CLASSIFICATION LIGHTS	Classification lights can be supplied to meet requirements.
ENGINE AIR FILTERS	Oil wetted fiberglass bag type engine air filters can be applied.
NUMBER BOXES	Number boxes can be supplied to meet requirements.
WARNING DEVICE	Bell operated by internal pneumatic ringer or other suitable warning device as specified by customer to meet normal requirements.
GROUND LIGHTS	Located each side under the cab.
CAB HEATERS	Electric radiant heaters or hot water warm air heater with fan located in cab are available to suit ambient conditions.
SUN VISOR	Adjustable metal sun visor located at helper's side and/or at rear of cab.
FOOTBOARDS AND PILOT	When center draft gears are applied, each end of the locomotive may be fitted with two footboards, a small pilot, and grab irons, replacing the basic pilot.
WINDOW WIPERS	Pneumatic single blade wipers can be provided on rear partition window and door.
AUXILIARY GENERATOR	18KW auxiliary generator available.
WALKWAY HANDRAILS	Underframe mounted walkway handrails can be provided, clearance permitting.
BATTERIES	Nickel cadmium batteries are available.
BATTERY CHARGING AMMETER	Battery charging ammeter is available as a modification.
JOURNAL BOXES	Where heavier weight locomotives are desired, 139.7 mm. x 254 mm. (5-1/2" x 10") cylindrical roller bearing boxes may be required.

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ANEXO



SECTION 8 LOCOMOTIVE OPTIONS



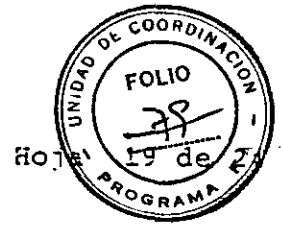
The following options can be supplied on request. They are offered at no additional charge to the customer; however, they may result in increased weight and may change the locomotive dimensions.

DRAFT GEAR AND COUPLER Draft gear and coupler arrangements with various types of side buffers and screw couplings to suit customer requirements.

DRIVING POSITIONS A choice of one of four driving positions is available; lefthand or righthand facing either end of the locomotive.

GEAR RATIO Various gear ratios can be provided to meet operating requirements.

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LUIS CARRAL
REPRESENTATIVE



ANEXO



SECTION 9 PAINTING

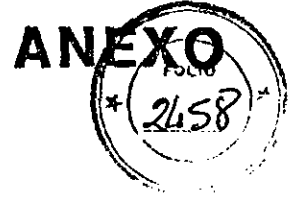
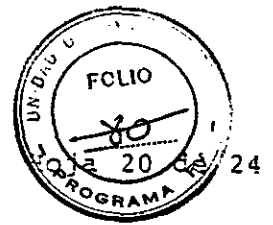
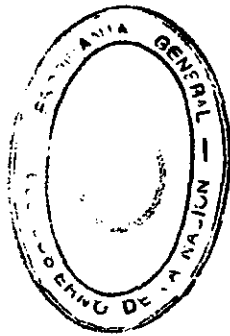
OUTSIDE FINISH	Color arrangement and design to agree with railroad's requirement.
ENGINE ROOM	Inside finished in suede gray. All air, fuel, water and lube oil piping color coded at points of connection.
UNDERCARRIAGE	Black unless otherwise specified.
CAB	Inside finished in suede gray.
TRUCKS AND TANKS	Black unless otherwise specified.
ENGINE EXHAUST	Heat resistant paint.

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SECTION 10 PERFORMANCE DATA

The choice of gear combinations will depend upon the service contemplated.

GEAR RATIOS

Gear Ratio		63:14	62:15	61:16	60:17	59:18
Maximum Speed		96.6KPH (60MPH)	105KPH (65MPH)	114KPH (71MPH)	124KPH (77MPH)	134KPH (83MPH)
Minimum Continuous Speed	GT22CW	--	19.5KPH (12.1MPH)	21.2KPH (13.2MPH)	22.9KPH (14.2MPH)	24.6KPH (15.3MPH)
	GT22CU	22.5KPH (14.0MPH)	24.5KPH (15.2MPH)	26.6KPH (16.5MPH)	28.7KPH (17.8MPH)	30.9KPH (19.2MPH)

HORSEPOWER RATING

Under standard conditions of 15.6°C (60°F) and 760 mm. Hg (29.92" Hg), the engine develops 2475 horsepower at 900 RPM and delivers 2250 horsepower to the generator for traction.

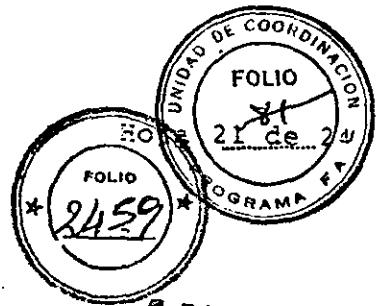
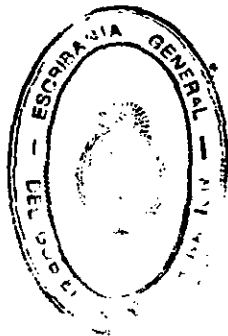
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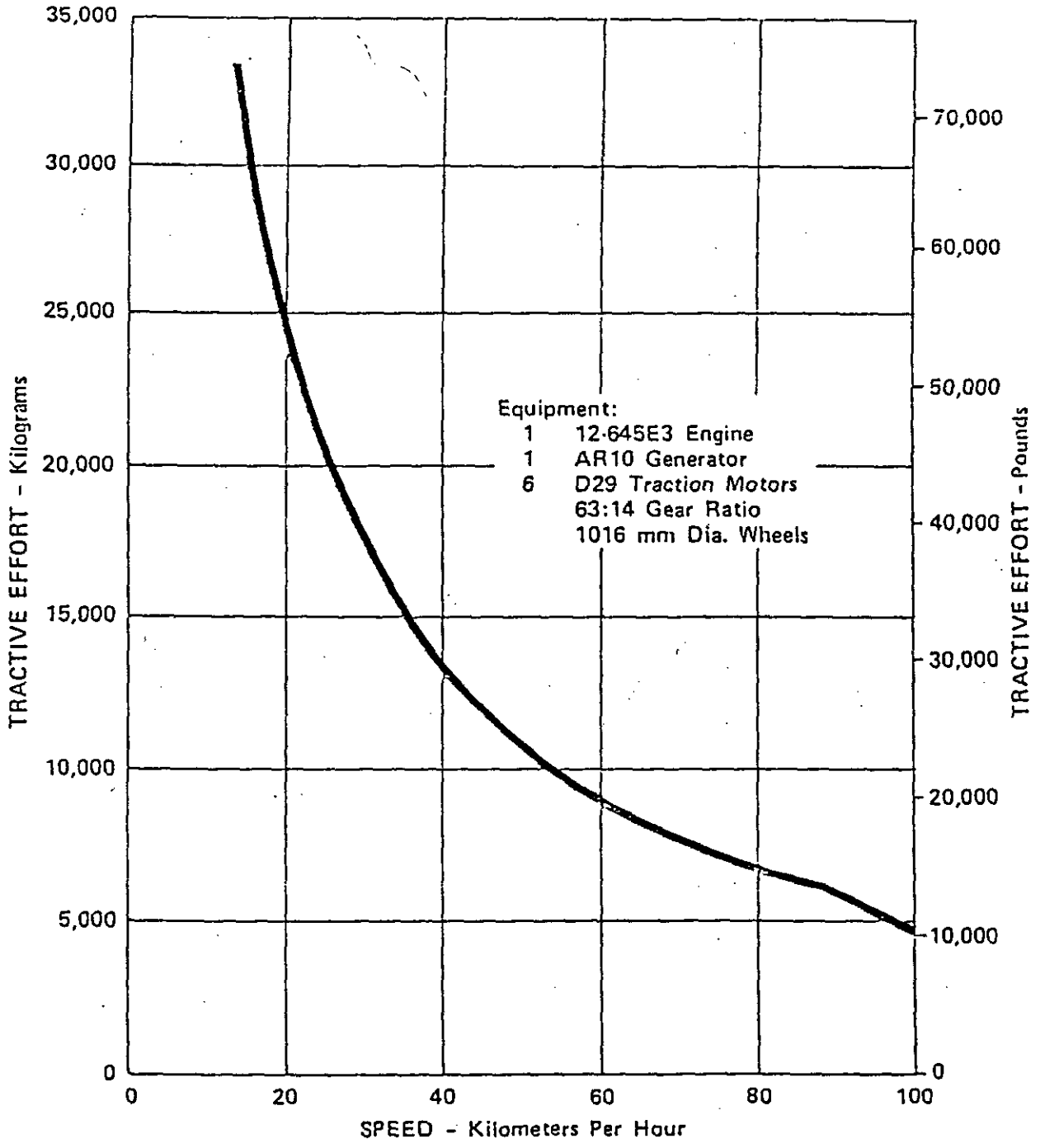
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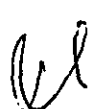

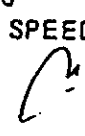
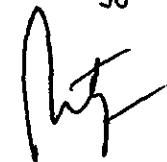



SPEED - TRACTIVE EFFORT
2475/2250 HP Model GT22CU Locomotive

ANEXO



Equipment:
 1 12-645E3 Engine
 1 AR10 Generator
 6 D29 Traction Motors
 63:14 Gear Ratio
 1016 mm Dia. Wheels

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Qualification 3057

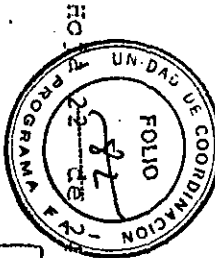
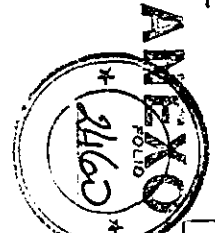
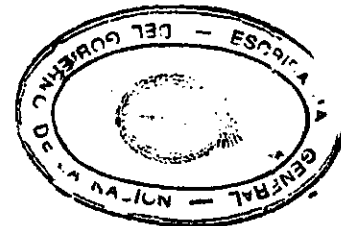
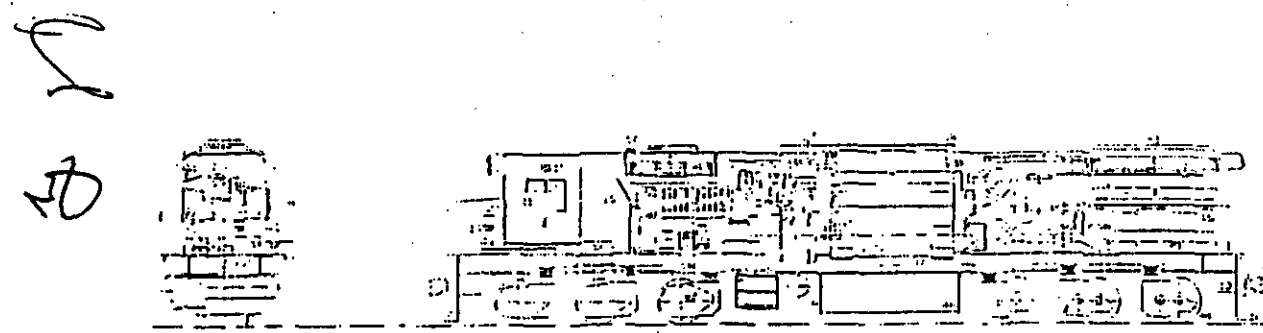
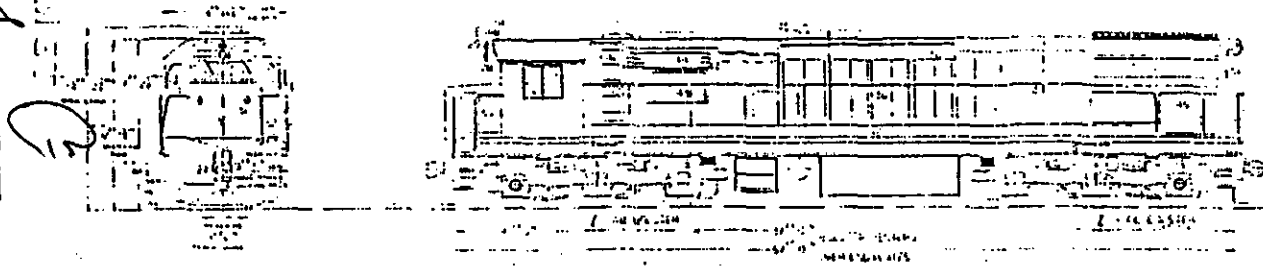
MODEL GT22CU AND GT22CW - 2475/2250 HP SIX MOTOR - DIESEL ELECTRIC LOCOMOTIVE

LEGEND

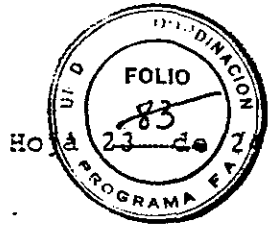
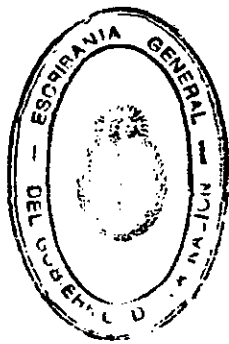
- | | | |
|---|---------------------------------------|---|
| 1. ENGINE 12 BASE3 - 90 RPM | 23. WINDOW WIPERS | 45. COOLING SYSTEM AIR INLET |
| 2. GENERATOR ALTERNATOR - AR10 D14 | 24. DYNAMIC BRAKES | 46. FUEL TANK - 1600 GALLON |
| 3. AUXILIARY GENERATOR - 10KV | 25. ELECTRICAL CONTROL CABINET | 47. ENGINE WATER PUMP |
| 4. TRACTION MOTOR BLOWER | 26. DUST BIN BLOWER AND MOTOR | 48. 40 IN DIAMETER WHEELS |
| 5. GENERATOR ALTERNATOR BLOWER | 27. TYPE E COUPLER | 49. VENTED MANIFOLD HATCH |
| 6. BATTERIES - MS200 | 28. NUMBER BOXES | 50. CLEAN AIR COMPARTMENT ACCESS |
| 7. EXHAUST STACK | 29. HEADLIGHT | 51. MARKER LIGHTS |
| 8. TURBOCHARGER | 30. COUPLER POCKET | 52. CAB DOOR |
| 9. ENGINE AIR FILTER - 12 - 36 IN PAPER | 31. PILOT | 53. UNDERFRAME MOUNTED HANDRAILS |
| 10. MAIN AIR RESERVOIR - NO. 1 | 32. LUBE OIL STRAINER | 54. INERTIAL FILTER BLEED AIR DISCHARGE |
| 11. LUBE OIL COOLER - 8 IN | 33. ENGINEER'S CONTROL STAND | 55. STANDARD OIL PAN |
| 12. LUBE OIL FILTER - 4 ELEMENT PAPER | 34. AIR BRAKE HACK | 56. RADIATOR AND FAN ACCESS |
| 13. WRO AIR COMPRESSOR | 35. TURBOCHARGER REMOVAL HATCH | 57. DYNAMIC BRAKE FAN VENT |
| 14. RADIATORS | 36. ENGINE ACCESS DOORS | 58. JACKING PAWS |
| 15. A.C. COOLING FANS - 48 IN | 37. CAB LIGHT | 59. AIR BRAKE HACK ACCESS |
| 16. MAIN AIR RESERVOIR - NO. 2 | 38. ELECTRICAL CONTROL CABINET FILTER | 60. ELECTRICAL CABINET ACCESS |
| 17. ENGINE STARTING MOTORS | 39. ENGINE ROOM PARTITION | 61. HORNS 31 |
| 18. TRUCK 3 AXLE 3 MOTOR GIC SINGLE SHOE BRACKETS | 40. BLOWER HOUSING HOOD BUMP | 62. TRACTION MOTOR GEAR CASE |
| 19. OUTBOARD SAND BOXES | 41. 30 IN PRIMARY FUEL FILTER | 63. HOOF SMUTTERS |
| 20. GOVERNOR | 42. TRACTION MOTOR AIR DUCT | 64. LADDER |
| 21. TRACTION MOTORS D75 ON GT22CW D75 ON GT22CU | 43. INERTIAL FILTER AIR INLET | 65. COOLING FAN AIR STRAIGHTENERS |
| 22. INERTIAL FILTER ASSEMBLY - 27 CELLS | 44. DYNAMIC BRAKE AIR INLET | 66. COOLING COMPARTMENT PARTITION |

LOCO HEIGHT TOLERANCE - 111 2 IN
 LOCO WIDTH TOLERANCE - 117 1/2 IN
 TRACK LATERAL AT BOLSTER - 1 1/4 IN
 LOCOMOTIVE IS SHOWN INCLUDING HALF VARIABLE
 SUPPLIES AND IN NEW CONDITION STANDING STILL
 ON LEVEL AND TARGET TRACK

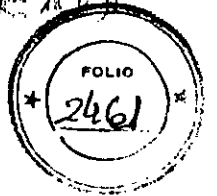
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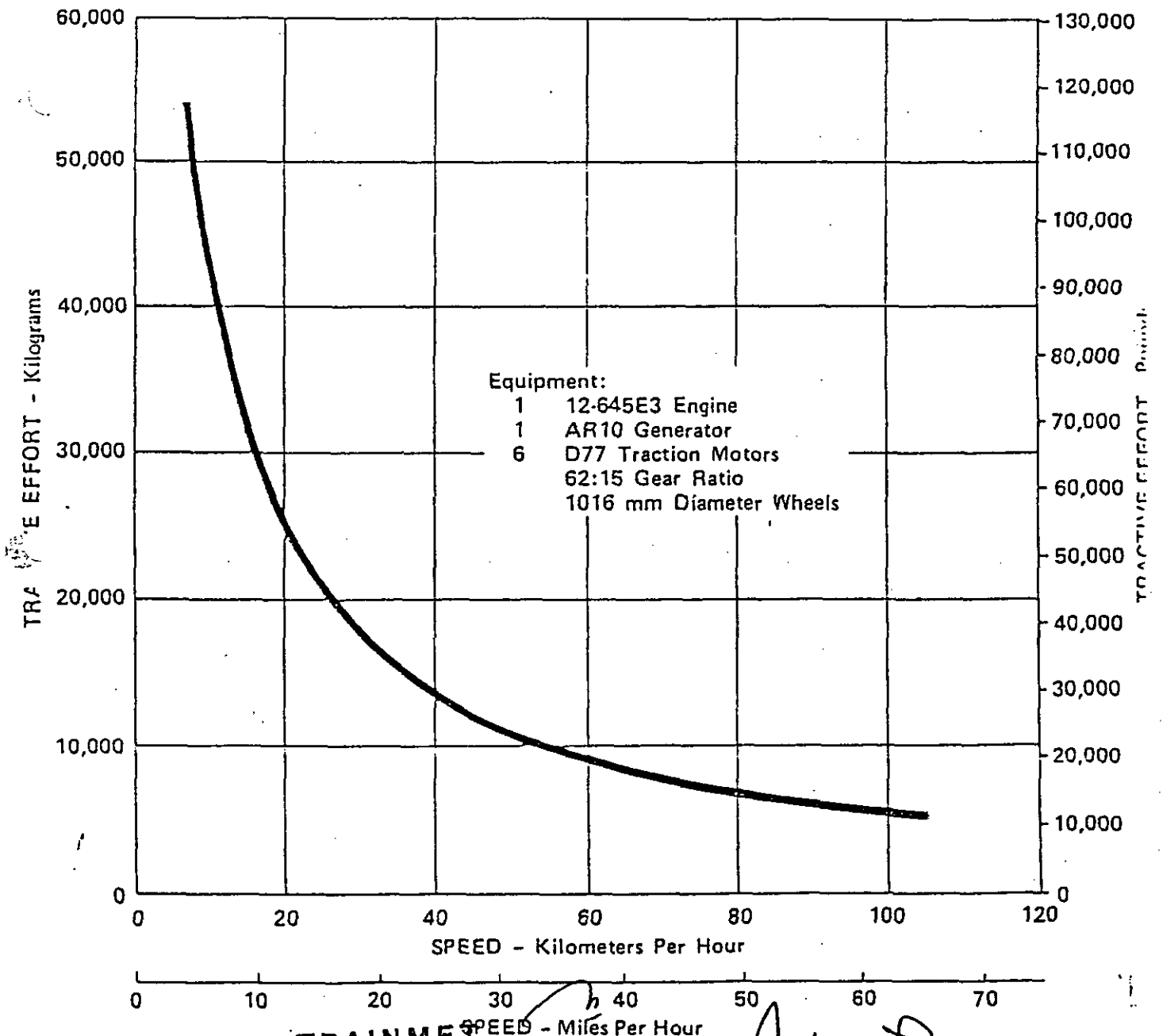
GENERAL MOTORS GM



ANEXO

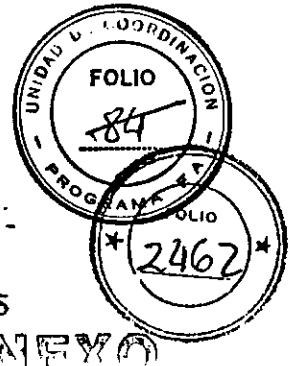


SPEED - TRACTIVE EFFORT
2475/2250 HP Model GT22CW Locomotive



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ANEXO III

CARACTERÍSTICAS PARTICULARES Y MODIFICACIONES A LAS ESPECIFICACIONES BÁSICAS

ANEXO

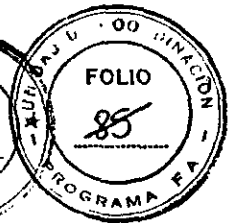
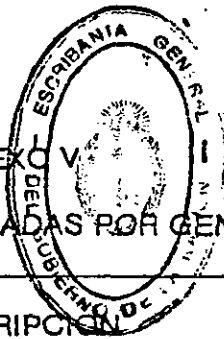
LOCOMOTORA GENERAL MOTORS. DIESEL ELÉCTRICA, MODELO GT 22 CW-2, DE 2475/2250 H.P. PARA TROCHA DE 1.676 mm. SEGUN ESPECIFICACIÓN GENERAL 9067 DE ENERO DE 1980, CON LAS SIGUIENTES MODIFICACIONES:

- Barandas montadas en el bastidor inferior.
- Calefactor eléctrico de cabina de 4.5 Kws.
- Luces de clasificación.
- Velocimetro Hasler RT-9 con dispositivo de sobre velocidad.
- Control de sobre velocidad, silbato de aviso, dispositivo de retardo de des aplicación de la potencia, aplicación de freno de servicio de régimen controlado. ✓
- Pedal de control de seguridad, silbato de aviso, dispositivo de retardo, des aplicación de la potencia, aplicación de freno de servicio de régimen controlado.
- Válvula de aplicación P2A.
- Arenado automático en potencia.
- Tanque de combustible de 1600 Galones (6.056 litros) con tapa de seguridad.
- Amperimetro de carga de batería.
- Luz no voltaje de batería.
- Bocina Leslie S31.
- Drenaje automático depósito principal N°1, drenaje manual depósito N° 2.
- Calentador de alimentos en cabina.
- Filtro de compresor de aire tipo PAMIC.
- Cuatro viseras en la cabina (parasoles).
- Espejos retrovisores.
- Luz y campanilla de aviso de bajo nivel de agua de refrigeración en la cabina.
- Mirriñaque de todo el ancho, ajustable.
- Letreros en castellano.
- Aviso de baja presión de aceite en el compresor de aire. ✓
- Limpiaparabrisas en cabina.
- Motores eléctricos desempañadores.
- Llave de corte de motores de tracción.
- Sistema de freno 26 LAV.
- Compresor exhaustor.
- Gabinete eléctrico con Módulos. ✓
- Generador Auxiliar de 10 Kw..
- Aparato de tracción y choque gancho central dispuestos en ambos extremos.
- Zapatas de frenos de hierro fundido.
- Freno de zapata simple.
- Cojinete de punta de eje tipo cartucho de 6 1/2 x 12 pulgadas.
- Areneros de 1 1/2 pie cubico montados exteriormente.
- Motores de tracción modelo D 78. ✓
- Alternador tipo AR-10 / CA5. ✓
- Motor Diesel tipo 12-645-E3C. ✓
- Filtros inerciales en carroceria.
- Filtro de aire de motor diesel.
- Ruedas de 40 pulgadas.(1.016 mm.).
- Consola de comando lado derecho.

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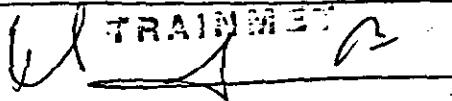
JOSÉ CARRAL

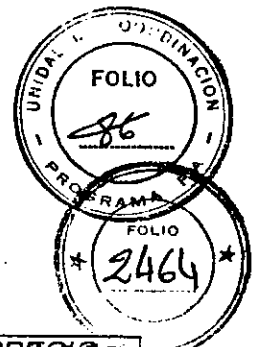
ANEXO V



HERRAMIENTAS RECOMENDADAS POR GENERAL MOTORS

ITEM	CANT.	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO U\$S	PRECIO EXTENDIDO U\$S
PARA MOTOR DIESEL					
1	4	8032587	LLAVE		
2	6	8033783	COMPRESOR DE VALVULA		
3	7	8034054	ADAPTADOR		
4	1	8034085	LLAVE		
5	1	8034600	TUBO PROTECTOR		
6	2	8034638	COMPARADOR		
7	2	8040413	BULON DE IZAJE		
8	2	8041183	BARRA REMOCION INYECTORES		
9	2	8052958	SOPORTE		
10	2	8052959	INSTALADOR		
11	1	8055837	REMOVEDOR DE BANCADA		
12	4	8062033	PROTECTOR DE BIELA		
13	4	8062034	PROTECTOR DE BIELA		
14	1	8064804	ESCARIADOR		
15	4	8065580	ASIEN TO		
16	1	8071625	BULON DE IZAJE		
17	2	8071720	MANOMETRO		
18	1	8071785	ASIEN TO		
19	1	8071786	MANIJA		
20	1	8072927	INSTALADOR		
21	1	8075894	EXTRACTOR		
22	1	8078281	CAMISA		
23	1	8080632	EXTRACTOR		
24	1	8084091	MANIJA		
25	2	8177788	CALIBRE		
26	1	8107967	TACOMETRO		
27	1	8116358	PERCHA DE IZAJE		
28	2	8171633	PINZAS		
29	1	8212484	LLAVE		
30	1	8236818	LLAVE		
31	2	8243220	SOPORTE		
32	4	8243661	ALAMBRE DE PLOMO		
33	1	8275380	HERRAMIENTA		
34	2	8339610	MICROMETRO		
35	2	8349892	EXPANSOR		
36	1	8354367	EXTRACTOR		
37	1	8394719	EXTRACTOR		
38	1	8417858	DISPOSITIVO		
39	1	8417859	DISPOSITIVO		
40	1	8417881	POSICIONADOR		
41	1	8432485	POSICIONADOR		
42	1	8474807	JUEGO DE HERRAMIENTAS		
43	1	8496116	BULON DE IZAJE		
44	1	9082392	HERRAMIENTA		


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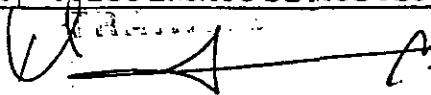


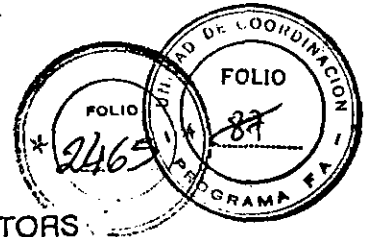
HERRAMIENTAS RECOMENDADAS POR GENERAL MOTORS

ITEM	CANT.	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO U\$S	PRECIO EXTENDIDO U\$S
45	1	9082393	HERRAMIENTA		
46	1	9083713	HERRAMIENTA		
47	1	9333846	GUIA		
48	1	9519601	LLAVE		
49	1	9549055	DISPOSITIVO		
50	1	9549072	HERRAMIENTA		
51	1	9551713	JUEGO DE LLAVES		
52	1	9560333	JUEGO DE HERRAMIENTAS		
53	1	9561844	HERRAMIENTA		
54	1	9572281	TESTER		

PARA COMPONENTES ELECTRICOS

55	1	222563	BULON		
56	1	8041446	CALEFACTOR DE PIÑON		
57	2	8050721	CALIBRE DE ROSCAS		
58	1	8054871	PROTECTOR		
59	1	8072352	CANCAMO DE IZAJE		
60	1	8127528	LLAVE EXTRACCION		
61	1	8127529	LLAVE TUERCA		
62	1	8140869	LEVANTADOR DE ESCOBILLAS		
63	1	8164036	BULON		
64	1	8168577	PLACA CONJUNTO		
65	1	8174880	MEGGER		
66	1	8204704	INDENTADORA DE CABLES		
67	1	8212404	EQUIPO ALTO POTENCIAL		
68	2	8217142	LIMA		
69	1	8233558	DINAMOTOR		
70	2	8238905	JUEGO DE LIMAS		
71	1	8249739	CANCAMO DE IZAJE		
72	4	8250241	EXTRACTOR TAPA		
73	1	8259133	CALIBRE RANURA		
74	1	8276478	MULTIMETRO		
75	1	8305181	HERRAMIENTA		
76	2	8361524	EXTRACTOR		
77	2	8364533	PIROMETRO		
78	2	8375396	LLAVE DE TORQUE		
79	2	8415805	BALANZA		
80	2	8472576	MULTIMETRO DIGITAL		
81	1	9087560	EQUIPO ENSAYO MODULOS		
82	1	9533321	EXTRACTOR CONJUNTO		
83	1	9539037	CALIBRE		
84	1	9548311	MEGOMETRO		
85	1	9558531	JUEGO ENSAYO DE MODULO		
86	1	9558959	JUEGO ENSAYO DE MODULO		
87	1	9559790	JUEGO ENSAYO DE MODULO		


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HERRAMIENTAS RECOMENDADAS POR GENERAL MOTORS

ITEM	CANT.	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO U\$S	PRECIO EXTENDIDO U\$S
88	1	9561440	JUEGO ENSAYO DE MODULO		
89	1	9561441	JUEGO ENSAYO DE MODULO		
90	1	9561443	JUEGO ENSAYO DE MODULO		
91	1	9561445	JUEGO ENSAYO DE MODULO		
92	1	9561447	JUEGO ENSAYO DE MODULO		
93	1	9584172	JUEGO ENSAYO DE MODULO		
94	1	40025578	JUEGO ENSAYO DE MODULO		
95	1	40025579	JUEGO ENSAYO DE MODULO		
96	1	40025580	JUEGO ENSAYO DE MODULO		

HERRAMIENTAS VARIAS

97	1	8044517	JUEGO DE EXTRACTORES		
98	2	8049132	CALIBRES		
99	1	8157120	LLAVE DE TORQUE 0-100 LB-FT		
100	1	8206869	LLAVE DE TORQUE 30-200 LB-FT		
101	1	8239562	EXTRACTOR		
102	1	8254485			

el TRAINMET *htz*
LUIS CARRAL
REPRESENTANTE

ANEXO VI

ANTECEDENTES DE G.M.I.G.

LISTADO DE LOCOMOTORAS ENTREGADAS
SIMILARES A LAS OPRICIDAS

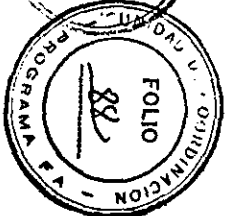
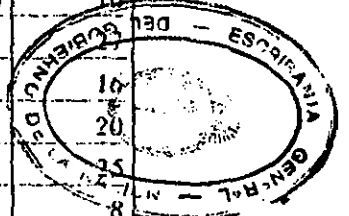
- ULTIMOS 10 AÑOS -

	MODEL.	T.M.	AXLES	YEARS										TOTAL	
				1984	1985	1986	1987	1988	1989	1990	1991	1992	1993		1994
ALGERIA	GT-18-1C-2	DC	4							5					5
ARGELIA	GT-26-1CW-2	DC	6											10	10
ARGENTINA	GT-22-CW1-2	DC	6		1	2	24								27
BANGLADESH	GT-18-1C-2	DC	4					16							16
BOTSWANA	GT-22-1C	DC	6			20									20
CLYDE	JT-26-CW	DC		25											25
CONGO	GT-22-1C-2	DC	4		8										8
HENSCHL.	JT-26-CW	DC		68											68
ISRAEL	G-26-CW-2	DC	4			2			1						3
MALAYSIA	GT-18-1C-2	DC	6							12					12
MALI	GT-22-1C-2	DC					8								8
MOZAMBIQUE	GT-22-1C-2	DC	4										10		10
TURQUIA	G-26-CW-2	DC	6		44										44
ZIMBABWE	GT-26-CW-2	DC											13		13
				TOTAL.										260	

LUIS CARHAL
REPRESENTANTE

TRAINMET

Handwritten signatures and initials



ANEXO

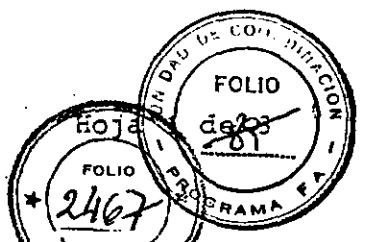
ANTECEDENTES DE GMDG

Listado de Clientes

ABROOEN & ROCKFISH
 ABEX CORPORATION
 ABUJAN-NIGER RR. ADMIN.-GMDL
 ADOLPH COORS COMPANY
 AFRICAN EXPLOSIVES & CHEMICAL
 AGRX SUPERIOR ELEVATOR
 AIR PRODUCTS & CHEMICAL
 ALABAMA BY-PRODUCTS
 ALASKA RAILROAD
 ALCAN
 ALGERIAN NATIONAL RAILWAYS
 ALJERS WINSLOW & WESTERN RAILWAY
 ALGONA CENTRAL RAILWAYS-GMDL
 ALGONA STEEL COMPANY
 ALIQUIPPA & SOUTHERN
 ALLEGHENY RAILROAD
 ALLIS CHALMERS MFG. COMPANY
 ALTON & SOUTHERN RR.
 ALTOS HORNOS DE MEXICO
 ALUMINUM CO. OF CANADA-GMDL
 ALUMINUM CORP. OF AMERICA
 AMERICAN CAN CO.
 AMERICAN CAST IRON PIPE COMPANY
 AMERICAN CYNAMID CO. FLORIDA
 AMERICAN ELECTRIC POWER CORP.
 AMERICAN STEEL FOUNDRIES
 AMOCO CHEMICAL CO.
 AMOCO OIL COMPANY
 ANGELINA & NECHES RIVER
 ANGLLO-AMERICAN CORP. OF SA
 ANGOLA-LUANDA RAILWAY
 ANN ARBOR RR
 ANTOFAGASTA-BOLIVIA RR.-CHILE
 ANVIL CORPORATION
 APALACHICOLA NORTHERN
 ARC SOUTHERN
 ARGENTINE STATE RAILWAYS
 ARIZONA PUBLIC SERVICE
 ARKANSAS & LOUISIANA MISSOURI
 ARKANSAS CEMENT CORPORATION
 ARNCO STEEL CORP.
 ASHLEY DREW & NORTHERN
 ATCHISON TOPEKA & SANTE FE
 ATLANTA & ST ANDREWS BAY
 ATLANTA STONE MOUNT. & LITHONIA
 ATLANTIC CITY ELECTRIC
 AUSTRALIAN NATIONAL RAILWAYS
 AUSTRIAN STATE RAILWAY
 AVONDALE SHIPPARDS LA.
 BABCOCK & WILCOX CO.
 BALTIMORE & OHIO CHCG TERMINAL R
 BANGLADESH RAILWAYS
 BANGOR & ARROSTOCK
 BAUXITE & NORTHERN
 BELGIAN STATE RAILWAY
 BELLEFONTE CENTRAL
 BELT RAILWAY OF CHICAGO
 BELTON RAILROAD
 BESSEMER & LAKE ERIE
 BETHLEHEM STEEL
 BIG ROCK STONE & MATERIAL CO.
 BIRMINGHAM RAIL & LOCOMOTIVE CO
 BIRMINGHAM SOUTHERN
 BLACK RIVER & WESTERN RAILROAD
 BOLANDER CONLAN COMPANY
 BOPHUTHATSWANA NATIONAL DEV. COR
 BOSQUES DE CHIHUAHUA
 BOSTON & MAINE
 BOTSWANA RAILWAY
 BRAZIL SA-3 BELO HORIZONTE
 BRAZIL SA-3 - CURITIBA
 BRAZIL SA-7 - ALAGOINHAS - BAHIA
 BRAZIL SA6 - PORTO ALEGRE
 BRITISH COLUMBIA HYDRO & POWER
 BRITISH COLUMBIA RRY.

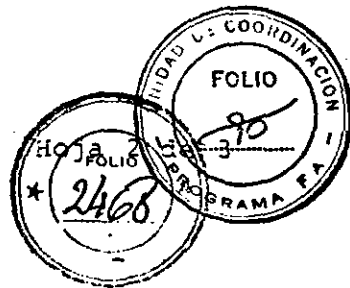
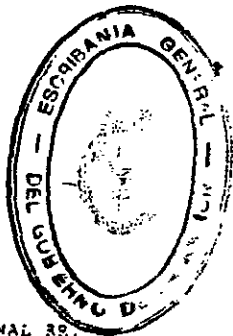
BROKEN HILL PROPRIETARY CO.
 BUCKEYE STEEL CASTING
 BUFFELSON & CO. MINE
 BUICK MOTOR DIVISION-GMC
 BULK SERVICE CORPORATION
 BULK TERMINAL CO.
 BUNGE CORPORATION
 BURLINGTON NORTHERN
 BUTTE ANACONDA & PACIFIC
 C.F. & I. STEEL CO.
 C.F.C. INTERNATIONAL
 CALTRANS-STATE OF CA TRANS DEPT
 CAMBRIA & INDIANA
 CANADA & SULT TERMINAL
 CANADIAN FOREST PRODUCTS
 CANADIAN NATIONAL RAILWAYS-GMDL
 CANADIAN PACIFIC FERRY-GMDL
 CANADIAN PACIFIC RAILWAY-GMDL
 CANTON RAILROAD COMPANY
 CAPE BRETON DEVELOPMT CORP.-GMDL
 CARBON COUNTY RY CO.
 CARGILL, INC
 CAROLINA EASTMAN
 CEDAR RAPIDS & IOWA CITY
 CELANESE CORPORATION
 CELULOSA DE CHIHUAHUA
 CENTRAL CALIFORNIA TRACTION CO.
 CENTRAL FOUNDRY DIVISION GM
 CENTRAL IOWA RAILWAY
 CENTRAL VERMONT RRY.
 CERRO DE PASCO-PERO
 CHAMPION INTERNATIONAL
 CHATTANOOCHEE INDUSTRIAL R R
 CHATTANOOCHEE VALLEY RR.
 CHATTANOOGA COKE & CHEMICALS CO.
 CHECKER MOTOR CORPORATION
 CHEHALIS WESTERN
 CHEMIN DE FER DU SENEGAL-GMDL
 CHEMIN DE FER DU TOGO
 CHEMPLEX
 CHESSIE SYSTEM
 CHEVROLET MOTOR DIV-BUFFALO N Y
 CHICAGO & ILLINOIS WESTERN
 CHICAGO & ILLINOIS MIDLAND
 CHICAGO & NORTHWESTERN
 CHICAGO MADISON & NORTHERN RRY.
 CHICAGO MILWAUKEE ST PAUL & PAC
 CHICAGO ROCK ISLAND & PACIFIC
 CHICAGO SHORT LINE RY.
 CHICAGO SOUTH SHORE & SOUTH BEND
 CHICAGO WEST PULLMAN & SOUTHERN
 CHICAGO, MIL., ST PAUL & PCFIC R
 CHILEAN STATE RWYS.
 CITIES SERVICE COMPANY
 CITY OF NEW JERSEY
 CITY UTILITIES
 CLEVELAND ELECTRIC ILLUMINATING
 CLINCHFIELD COAL CO.
 CLYDE ENGINEERING CO PTY LTD
 COLORADO & WYOMING
 COLUMBIA IRON & METALS
 COLUMBUS & GREENVILLE
 COMALCO - WEIPA CLYDE
 COMMONWEALTH EDISON
 COMMUNITY OF YUGOSLAVIA RWYS
 COMPAGNIE DEBAUXITES DE GUINEA
 COMPAGNIE DES PHOSPHATE ET DU CH
 COMPANIA DE ACERO DEL PACIFICO
 COMPANIA DE COBRE CHUQUICAMATA
 COMPANIA DE COBRE EL SALVADOR
 COMPANIE DE BAUXITE OU GUINEA
 CONEMAUGH & BLACK LICK RY.
 CONGO RAILWAY
 CONNECTICUT DEPT. OF TRANSP.
 CONRAIL

CONSOLIDATED R.R. OF CUBA
 CONTINENTAL STEEL
 CORINTHIAN COKE
 CORN PRODUCTS COMPANY
 CORP. FOR ECONOMIC DEVELOPMENT
 CUSHING STONE CO.
 CUYAHOGA VALLEY RY.
 DANISH STATE RAILWAYS-MOHAB
 DARDANELLE & RUSSELLVILLE R.R.
 DAVENPORT, ROCK ISLAND & N.W.
 DE FER DU SENEGAL
 DELAWARE AND HUDSON RR
 DELRAY CONNECTING R.R.
 DENVER & RIO GRANDE WESTERN
 DEPARTMENT OF TRANSPORTATION
 DEQUEEN & EASTERN
 DETROIT & TOLEDO SHORE LINE R.R.
 DETROIT EDISON
 DETROIT TERMINAL RR.
 DETROIT TOLEDO & IRONTON
 DETROIT TOLEDO SHORE LINE
 DGE RUN COMPANY
 DOME RAILWAY SERVICES
 DOMINICAN FOUNDRIES CO.-GMDL
 DOMINION IRON & STEEL LTD.
 DOMINION TERMINAL ASSOCIATES
 DOW CHEMICAL
 DREYFUS CO., LOUIS
 DU PONT DE NEMOURS & CO., E.I.
 DUBUQUE SAND & GRAVEL
 DULUTH AND NORTHEASTERN RR.
 DULUTH MISSISSIPPI & TACON RANGE
 DUPONT DE NEMOURS & CO E I
 DURO DAKOVIC - YUGOSLAVIA
 EAST CAMDEN & HIGHLAND
 EAST KENTUCKY POWER COOPERATIVE
 EASTERN SHORE R R
 EASTMAN RODAK
 EGYPTIAN RAILWAYS
 ELECTRIC REDUCTION
 ELECTRO-MOTIVE DIVISION DEMOS
 ELGIN JOLIET & EASTERN
 EMPIRE COKE CO.
 ENAER
 ERIE LACKAWANNA
 ERIE MINING CO.
 ESSEX TERMINAL RAILWAY
 ESTECH INC
 ETHYL CORPORATION BATON ROUGE
 FAIRLESS WORKS
 FARMERS EXPORT CO.
 FEATHER RIVER RAIL MUSEUM PORT.
 FERROCARRILES DE VIA ESTRECHIA IEE
 FERROCARRIL CHIHUAHUA ALPACIF.
 FERROCARRIL DEL PACIFICO
 FERROCARRIL SONORA BAJA CALIF.
 FERROCARRILES ARGENTINOS
 FERROCARRILES NACIONALES DE MEX
 FERROCARRILES NACIONALES-SALV
 FERROCARRILES UNIDOS GELSUREST
 FERROVIA PAULISTA S.A.-FEPASA
 FISHER FARMERS GRAIN AND COAL CC
 FLORIDA EAST COAST
 FLUOR CORPORATION
 FORD MOTOR COMPANY
 FORDYCE & PRINCETON R R
 FORT WORTH BELT RRY.
 FOSTER YEONAH LTD
 GABON
 GALVESTON WHARVES CO.
 GARDEN CITY WESTERN
 GARDINIER INC.
 GARY SHEET & TIN WORKS
 GENNESEE & WYOMING
 GEORGETOWN RAILROAD



ANEXO

TRAINMET
 JUIS CARRAL REPRESENTANTE

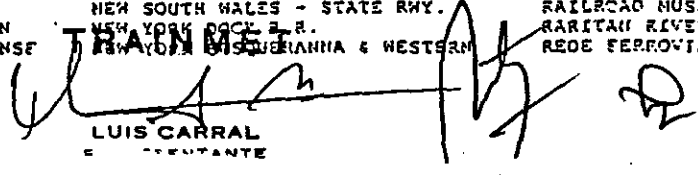


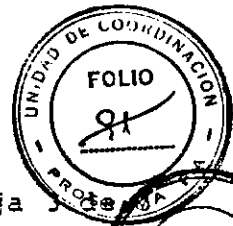
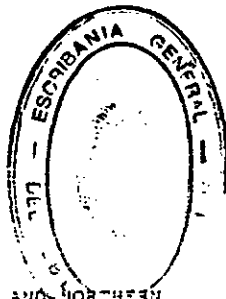
ANEXO

GEORGIA MARBLE CO.
 GEORGIA POWER COMPANY
 GHANA RAILWAYS
 GIFFORD HILL GRAVEL
 GO TRANSIT
 GOLDEN TRIANGLE
 GOVERNMENT ONTARIO TRAN ST-GMDL
 GRACE CO. W.R.
 GRAHAM COUNTY R R
 GRAND TRUNK WESTERN CO.
 GRANITE CITY STEEL CO.
 GRANITE CITY WORKS
 GRAYSTONIA NASHVILLE & ASHCOWN
 GREAT LAKES DOCK & COAL CO.
 GREAT LAKES STEEL CORP.
 GREAT WESTERN RY CO.
 GREAT WESTERN SUGAR CO.
 GREEN MOUNTAIN POWER CO
 GREY WOLF DRILLING CO
 GUYANA NATIONAL RAILWAYS
 GUYANA OIL CO.
 H. F. ATKINSON
 HERSLEY IRON - CLYDE
 HERTON & BRANCHVILLE RR
 HANNA FURNACE CO.
 HARDIN GRAIN ELEVATOR
 HART OF OXIE RLRD MUSEUM BIR. A
 HERCULES INC
 HILLSDALE COUNTY RR.
 HOLLOWAY GRAVEL CO.
 HOLLY SUGAR CO.
 HOLYOKE WATER POWER CO.
 HOUSTON BELT & TERMINAL
 HUNGARIAN STATE RAILWAYS-HONAB
 HYUNDAI
 IAAFE - VENEZUELA
 IDEAL PORTLAND CEMENT
 ILLINOIS CENTRAL GULF RAILROAD
 ILLINOIS TERMINAL
 INDIAN GOVERNMENT RAILWAYS
 INDIANA & OHIO RAILWAY
 INDIANA HARBOR BELT NYC
 INDIANAPOLIS POWER & LIGHT
 INDIANAPOLIS UNION RR.
 INDONESIA STATE RAILWAYS
 INDUSTRIA E COMERCIO DE MINERIOS
 INDUSTRIAL MINERA MEXICO S A
 IOWA LINE & STONE CO.
 IOWA STEEL CO.
 INTERMOUNTAIN CONSOLIDATED COPPER
 IRIKAKE, INC.
 INTERMOUNTAIN POWER AGENCY
 INTERNATIONAL HARVESTER
 INTERNATIONAL NICKEL PROCESSING
 IOWA ELECTRIC LIGHT & POWER
 IPANIAN ISLAMIC RAILWAY
 IRAQI REPUBLIC RAILWAY
 IRISH STATE RAILWAYS
 IRON AND STEEL CORP.
 IRON ORE COMPANY
 ISITHERE INDUSTRIAL TOWNSHIP
 ISLAND CREEK COAL
 ISRAEL RAILWAYS
 JIN WALTER RESOURCES CO.
 JOHNSTOWN & STONEY CREEK RR.
 JONES & LAUGHLIN STEEL CORP.
 KAISER BAUXITE-JAMAICA
 KALHAR-VERKSTAD
 KANSAS CITY SOUTHERN
 KANSAS CITY TERMINAL
 KELLYS CREEK & NORTHWESTERN
 KENNECOTT MINERALS COMPANY
 KENTUCKY & INDIANA TERMINAL
 KIPBY LUMBER CO.
 KOREA CEMENT INDUSTRIAL ASSOCIAT
 KOREAN NATIONAL RAILWAY
 KOREAN OIL CORPORATION
 KOWLOON-CANTON RWS. HONG KONG
 KUHLMAN CORPORATION
 LAKE ERIE, FRANKLIN & CLARION
 LAKE SUPERIOR TERMINAL & TRANSP

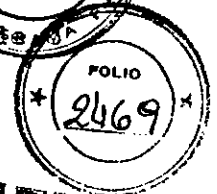
LAKE TERMINAL RR.
 LANCASTER & CHESTER RR.
 LAPERLA MINAS DE FERRO-MEXICO
 LEBANON STATE RAILWAY
 LIBERIAN AMER. MINING CO.-LAMCO
 LIPSETT STEEL PROD.
 LONDON & PORT STANLEY RAILWAY
 LONG STAR INDUSTRIES
 LONG ISLAND RAILROAD
 LONGVIEW, PORTLAND & NORTHERN
 LOUISIANA & NORTHWEST RR
 LOUISIANA & PINE BLUFF R.R.
 LOUISIANA INDUSTRIES
 LTV STEEL COMPANY
 LUBRIZOL CORPORATION
 LUDINGTON & NORTHERN
 LUXEMBURG RAILROAD
 M & S COAL COMPANY
 MADISON RAILWAY CO.
 MAINE CENTRAL
 MALAYSIA RMY.
 MALI NATIONAL RAILWAYS
 MALINSKI MINING CO
 MANUFACTURERS JUNCTION RY
 MANUFACTURERS RAILWAY
 MARIANNA & BLOUNTSTOWN RAILROAD
 MARINETTE TOMHAWK & WESTERN
 MARTIKI COAL CO.
 MARTIN MARITTA ALUMINUM
 MARYLAND & PENNSYLVANIA
 MARYLAND DEPT OF TRANSPORTATION
 MASSACHUSETTS BAY TRANSP. AUTH.
 MASSACHUSETTS CENTRAL
 MASSENA TERMINAL RR COMPANY
 MAURITANIA RAILROAD
 MC CORHACK SAND GRAVEL CO.
 MC GEORGE CONTRACTING COMPANY
 MCCLOUD RIVER RR.
 MCKINNON INDUSTRIES
 MCLOUTH STEEL CORP.
 MERIDIAN & BIGBEE
 METRA - METROPOLITAN RAIL CORP.
 METRO NORTH COMPUTER RAILROAD
 METRO SANIT. DIST. OF CHICAGO
 MEXICAN CEMENT CO.
 MIOLANO RAILWAY
 MIDWEST STEEL CO.
 MIDWEST STEEL DEV.-PITTS. PA
 MINERACAO RIO DO NORTE
 MINNEAPOLIS N FIELD & SOUTHERN R
 MINNESOTA COPR PROCESSORS
 MINNESOTA TRANSFER CO.
 MISSISSIPPI & SKUNA VALLEY R.R.
 MISSISSIPPI EXPORT
 MISSOURI KANSAS & TEXAS
 MOBIL CHEMICAL COMPANY
 MOBIL OIL COMPANY
 MONESSAN SOUTHWESTERN RY.
 MONONGAHELA CONNECTING RR.
 MONONGAHELA RAILROAD
 MONTGOMERY RAILROAD
 MONTPELLIER & SARRE RR.
 MOROCCAN RAILWAYS O.N.C.F.
 MORRISTOWN & LAKE ERIE R.R.
 NASHVILLE & ASHLAND CITY RAILROAD
 NATIONAL BULK CARRIERS-BRAZIL
 NATIONAL HARBOURS BOARD-GMDL
 NATIONAL IRON ORE CO.
 NATIONAL RAILWAYS OF ZIMBABWE
 NATIONAL RR. PASSENGR CORP-AMTRAK
 NATIONAL RWS. OF COLOMBIA
 NCHANGA MINES-ZAMBIA
 NEGEV PHOSPHATES LTD-ISRAEL
 NEVADA NORTHERN RY.
 NEW HAVEN TRAP ROCK-TOMASSO
 NEW JERSEY DEPT. OF TRANSPORT.
 NEW ORLEANS PUBLIC BELT R.R.
 NEW ORLEANS UNION PASSENGR TERM
 NEW SOUTH WALES - STATE RMY.
 NEW YORK DOCK R.R.
 NEW YORK & ALABAMA & WESTERN

NEW ZEALAND RAILWAYS-CLYDE
 NEWBURGH & SOUTH SHIRE RY.
 NIGERIAN RAILWAY CORPORATION
 NITTANY-FREESTON COAL CO.
 NORFOLK & PORTSMOUTH BELT LINE
 NORFOLK & WENTON
 NORFOLK SOUTHERN
 NORTH AMERICAN CAR CORPORATION
 NORTH CAROLINA PORTS RAILWAY CO
 NORTH CAROLINA P.P.
 NORTH DAKOTA & SOUTH RR.
 NORTH LOUISIANA & GULF
 NORTH STAR STEEL CO.
 NORTH SUBURBAN MASS TRANSIT DIST
 NORTHERN ALBERTA RAILWAYS-GMDL
 NORTHERN INDIANA DOCK
 NORTHERN INDIANA PUBLIC SERVICE
 NORTHERN IRELAND RAILWAY CO.
 NORTHERN STATES POWER
 NORTHWESTERN OKLAHOMA RAILROAD C
 NORTHWESTERN STEEL AND WIRE CO.
 NORTHWOOD PULP & TIMBER
 NORWEGIAN STATE RAILWAYS
 NTL MUSEUMS OF TRNSPT ST. LOUIS
 NTL R.R. MUSEUM GRN BAY, WISCONS
 OAKWAY INC
 OCCIDENTAL CHEMICAL CO.
 OCEAN CITY WESTERN R.R.
 OCTORARO RAILWAY CO.
 OGLESBY MORTON COMPANY
 OLD BEN COAL CO.
 OLIN CHEMICALS GROUP
 OLIN MATHESSON CHEMICAL CORP.
 OLINKHAFT CO.
 OLYMPIC-MORNING
 ONTARIO NORTHLAND RAILWAY -GMDL
 ORENCO MINING CO.-VENEZUELA
 PAC LCHTY ASSOC CSTR PT RMY MUSE
 PACIFIC POWER & LIGHT WYO
 PAKISTAN RAILWAYS
 PALM BEACH, PORT OF
 PANAMA CANAL COMPANY
 PARISH LINE RMY. CO.
 PATAPSCO & BACK RIVERS RR.
 PEABODY COAL CO.
 PEAVEY COMPANY
 PENN-DIXIE CEMENT
 PEORIA & PEER INDIAN
 PERUVIAN RAILWAY - ENAER
 PETROLEOS MEXICANOS
 PETROLEOS-MEXICO
 PUEBLOS DODGE CORP.
 PHILADELPHIA BETHLEHEM NEW ENGLND
 PHILADELPHIA ELECTRIC
 PHILLIPS PETROLEUM
 PICKENS R.R. CO.
 PILLSBURY COMPANY
 PITT.CHARTIERS & YOUGHIOGHENY
 PITTSBURGH & OHIO VALLEY
 PITTSBURGH & LAKE ERIE
 PITTSBURGH & SHANNUT RR.
 POINT CONEORT & NORTHERN
 POMEERANA RAILROAD
 PORTLAND TRACTION CO.
 POTLATCH FORESTS
 PRISTINA YUGOSLAVIA-GMDL
 PROVIDENCE & WORCESTER
 PUBLIC BELT RAILROAD COMISSN
 PUBLIC SERV.CO.OF COLORADO
 PUBLIC SERVICE CO. OF INDIANA
 PUBLIC SERVICE OF NEW HAMPSHIRE
 PUBLISHERS PAPER CO.
 FULLMAN STANDARD
 QUEBEC CARTIER MINING CO.
 QUEBEC IRON AND TITANIUM-GMDL
 QUEBEC NORTH SHORELABRADOR-GMDL
 QUEENSLAND RAILWAYS-CLYDE
 RAIL TO WATER TRANSFER CORPORATI
 RAILROAD MUSEUMS CALI. RLYW MUSE
 RARITAN RIVER RR.
 REDE FERROVIARIA - BRAZIL


 LUIS CARRAL
 REPRESENTANTE



Hoja



ANEXO

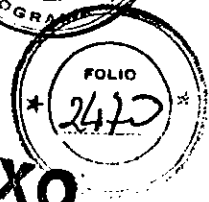
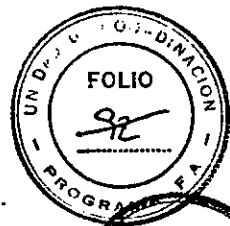
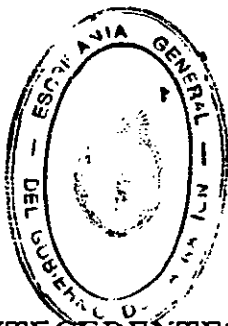
REGIE DES CHEMINS DE FER A-NIGER
 REGIONAL TRANSPORTATION AUTHORITY
 REPUBLIC STEEL CORP.
 RESERVE MINING CO.
 REYNOLDS ALUMINUM
 RICHARDS BAY COAL TERM. DEV.
 RICHMOND FREDRICKSBURG & POTOMAC
 RIF MINES
 RIO DOCE AMERICA
 RIVER TERMINAL RR.
 ROBERVAL & SAGUENAY RAILROAD
 ROCKDALE SANDO & SOUTHERN
 ROCKTON & RICH RMY.
 ROCKWELL HANFORD OPERATIONS
 ROSCOE SNYDER & PACIFIC
 S AFRICAN IRON & STEEL IND CORP
 S EASTERN PENNSYVA TRANSPRT AUTHR
 S.N.I.M. MAURITANIA R.R.
 SABINE RIVER & NORTHERN
 SAHARA COAL CO.
 SAN DIEGO & EASTERN TRANSP.
 SAN MANUEL ARIZONA-MAGNA COPPER
 SAND SPRINGSRY.
 SANDERSVILLE RR.
 SANITARY DISTRICT OF CHICAGO
 SARMIENTO RAILWAY
 SASKATCHEWAN POWER CORP. -GMOL
 SAUDI GOVT. RAILROAD ORGANIZATN
 SAVANNAH STATE DOCKS
 SCULLIN STEEL CO
 SEABOARD SYSTEM
 SEFICS
 SEMET SOLVAY DIV OF ALLIED CHEMI
 SHARROCK COAL
 SHELL OIL CO.
 SICARTSA
 SIDERURGICA LAZARO CARDENAS
 SIMPSON LOGGING CO.
 SMITH, A.O. INC.
 SNOWMASS COAL CO.
 SOO LINE RAILROAD
 SOUTH AFRICAN IRON & STEEL-LT
 SOUTH AFRICAN TRANSPORT SERVCs
 SOUTH CAROLINA PUBLIC RAILWAY
 SOUTH EAST COAL COMPANY
 SOUTHEAST PA TRANSIT AUTH-SEPTA
 SOUTHEASTERN RAILWAY MUSEUM
 SOUTHERN CROSS STEEL CO.
 SOUTHERN PACIFIC
 SOUTHERN PERU COPPER CORPORATN.
 SOUTHERN RAILS INC.
 SOUTHWESTERN PORTLAND CEMENT CO.
 SPANISH NATIONAL RAILWAYS
 SPENO RAIL SERVICES
 SRI LANKA GOVT. RMY.
 ST. JOE MINERALS CORP.
 ST. JOSEPH TERMINAL RAILROAD
 ST. LOUIS GRAIN CO.
 ST. LOUIS SOUTHWESTERN RAILWAY
 ST. MARY'S R.R. CO.
 ST. REGIS PAPER CO.
 STAUDAPF OIL COMPANY
 STANDARD SLAG CO.
 STANDARD STEEL
 STECO
 STEEL COMPANY OF CANADA
 STEELTON & HIGHSPIRE RR.
 STUPP CORPORATION
 SUDAN RAILWAYS-HENSCHEL
 SUTHERLAND LOGGING CO.
 SWEDISH STATE RAILWAYS
 SWEET & COMPANY
 SYDVARANGER IRON ORE CO.
 TACOMA UTILITIES
 TAIWAN RAILWAY ADMINISTRATION
 TENNESSEE EASTMAN CO.
 TERMINAL RAILROAD ASSC-ST LOUIS
 TERMINAL RMY ALABAMA STATE DOCK
 TERMOLEXTRANA OBRENOVAC
 TEXACO INC.
 TEXAS - MEXICAN RMY.

TEXAS AND NORTHERN
 TEXAS CITY TERMINAL
 TEXAS GULF-GMOL
 TEXAS MEXICAN RR.
 TEXAS, OKLAHOMA & EASTERN
 THE CARGILL CO.
 THYSSEN HENSCHEL
 TILCON TOMASSO CO.
 TOGO NATIONAL RAILWAY-GMOL
 TOLEDO PEORIA & WESTERN
 TOOELE VALLEY RR.
 TORONTO AREA TRANS. AUTH.-GMOL
 TORONTO HAMILTON & BUFFALO-GMOL
 TORONTO, HAMILTON & BUFFALO R.R.
 TOWNSVILLE HARBOUR BOARD
 TRANSCO
 TRANSPORTS FERROVIAIRES
 TRUAX - TRAEER COAL CO.
 TULSA SAPULPA UNION RAILWAY CO.
 TUNISIA NATIONAL RAILWAY
 TURKISH STATE RAILWAYS
 U.S. PLYWOOD CHAMPION PAPERS
 UNION LIME COMPANY
 UNION PACIFIC
 UNION RAILROAD
 UNION TANK CAR CO.
 UNITED AMERICAN CAR
 UNITED ELECTRIC COAL CO.
 UNITED STATES ARMY-TRANS CORP
 UNITED STATES ATOMIC ENERGY COMM
 UNITED STATES NAVY
 UNITED STATES STEEL CORP
 UNITED STATES SUGAR CORP.
 UPPER MERION & PLYMOUTH RR.
 USS AGRI-CHEMICALS
 VALDOSTA SOUTHERN RR.
 VALE DO RIO DOCE - BRAZIL
 VENEZUELAN GOVERNMENT COAL MINES
 VENEZUELAN NATIONAL RAILWAYS
 VERMONT RAILWAYS
 VIA RAIL
 VICTORIAN GOVT. RMYs.-CLYDE
 VILLARES - BRAZIL
 VIRGINIA BLUE RIDGE
 VULCAN MATERIALS
 WALLA WALLA VALLEY R.R.
 WALTER JIM RESOURCES
 WARNER CO.
 WATERLOO RAILROAD CO.
 WEIRTON STEEL CORP.
 WELLSVILLE, ADDISON GLTN R.R. CO
 WEST AUSTRALN. GOVT. RMYs.-CLYDE
 WEST PENN POWER CO.
 WEST VIRGINIA NORTHERN
 WEST VIRGINIA R.R. MAINTENANCE A
 WESTERN MARYLAND RMY.
 WESTINGHOUSE ELECTRIC CO.
 WESTRAIL - CLYDE
 WESTVACO
 WEYERHAUSER CO WASHINGTON
 WHEELING PITTSBURGH STEEL CORP
 WINCHESTER & WESTERN R.R. CO.
 WINIFREDE RAILROAD
 WISCONSIN ELECTRIC POWER CO.
 WOODWARD IRON
 YANKEETOWN DOCK
 YOUNGSTOWN & SOUTHERN
 YOUNGSTOWN NORTHERN
 YOUNGSTOWN SHEET & TUBE
 YREKA WESTERN RR.
 YUGOSLAVIAN STATE RAILWAYS
 ZAMBIA CONSOLIDATED COPPER MINES

TRAINMET

LUIS CARRAL
REPRESENTANTE

[Handwritten signatures and initials]



ANEXO

ANEXO VI - ANTECEDENTES

LOCOMOTORAS FABRICADAS EN ARGENTINA POR GMIC

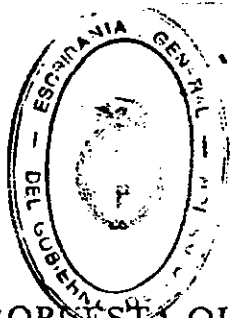
MODELO	CANTIDAD	DESTINO
G22 CU	76	FA
GT22 CU	34	FA
G22 CW	40	FA
GT22 CW	17	FA
GT22 CW-2	27	FA
G22 CW-2	6	IRAN
SW 1002	1	SUD AFRICA

TOTAL

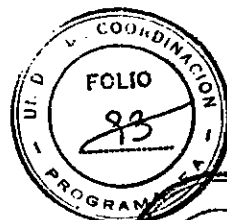
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~~LUIS CARRAL~~
REPRESENTANTE

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ANEXO VII A LA PROPUESTA QL 877/94



ANEXO


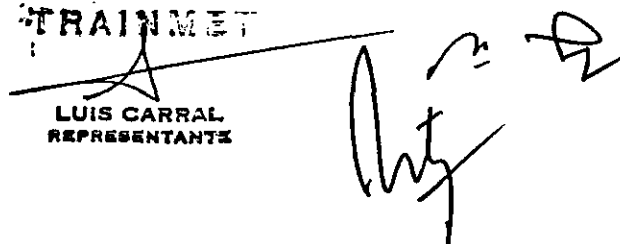
GARANTIA DE PRODUCTO

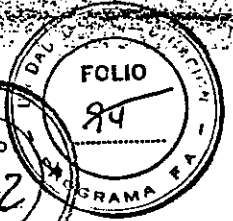
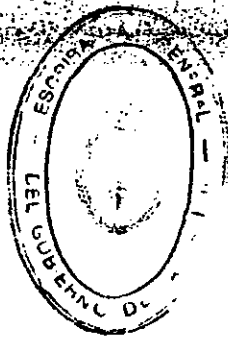
El vendedor garantiza las locomotoras suministradas de acuerdo a este contrato contra defectos de material y mano de obra en condiciones normales de uso y servicio, limitándose su obligación bajo esta garantía, a reparar o reemplazar por elementos equivalentes, a opción del Vendedor y a su costa, aquellas piezas que, en el término de dos años después de haber sido puestas en servicio por el Comprador o antes de haber sido usadas durante 160.000 kilómetros, lo que ocurra primero, al ser examinadas, revelen que eran defectuosas y que a petición del Vendedor sean entregadas a su opción y sin cargo para éste. La obligación del Vendedor bajo esta garantía se considerará cumplida cuando entregue tales piezas, reparadas o reemplazadas a su opción, en condición CIF Puerto de Buenos Aires.

Esta garantía no será aplicable a ninguna locomotora o componente de la misma que haya sido usado para objeto distinto de aquél para el que fueron diseñados, o reparados o alterados por otra persona que no sea un representante autorizado del Vendedor, o en cualquier forma, que a juicio del Vendedor afecte adversamente su funcionamiento o confiabilidad, ni que han sido objeto de maltrato, mantenimiento defectuoso, negligencia o accidente.

Esta garantía sustituye a toda otra garantía expresa o implícita, convencional o legal entre las partes con relación a la comerciabilidad o idoneidad de los productos objeto de este contrato y el Vendedor no asume, ni autoriza a personal alguno a asumir, ninguna otra responsabilidad con respecto a su garantía entre los precitados productos.

El Vendedor se reserva el derecho de efectuar o hacer efectuar o introducir cualquier mejora o cambios en las locomotoras en cualquier momento.


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ANEXO

ANEXO Nº 3

Lista de Repuestos, Herramientas y Opcionales

TRAINMET


LUIS CARRAL
REPRESENTANTE

Diag. Julio A. Roca 751 - 5º B - (1067) Buenos Aires
Tel.: 342-0664 - FAX: 342-6773

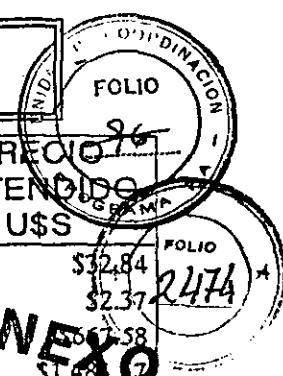
**REPUESTOS RECOMENDADOS POR LOCOMOTORAS
MANTENIMIENTO DEL PRIMER AÑO**

COORDINACION
FOLIO 85
PRECIO
FOLIO 2473

ITEM	CANT	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO U\$S	PRECIO EXTENDIDO U\$S
1	1	1993740	MOTOR ARRANQUE	\$1,785.25	\$1,785.25
2	1	4947308	MOTOR LUBR.TURBO	\$1,172.22	\$1,172.22
3	6	5229200	INYECTORES	\$423.29	\$2,539.75
4	2	6982718	LLAVE TERMICA	\$121.87	\$243.73
5	4	8136114	COJINETE BIELA	\$174.27	\$697.08
6	10	1852886	ESCOBILLA	\$4.04	\$40.40
7	1	4993721	AMORTIGUADOR	\$196.37	\$196.37
8	1	8063273	VALVULA DESCARGA	\$15.73	\$15.73
9	1	8063274	VALVULA DESCARGA	\$10.58	\$10.58
10	10	8078488	ESCOBILLA	\$2.52	\$25.20
11	1	8084884	ACOPLE	\$2.83	\$2.83
12	1	8195996	ACOPLE ELASTICO	\$60.97	\$60.97
13	4	8288955	SELLO	\$1.77	\$7.08
14	4	8294563	ASIEN TO VALVULA	\$2.45	\$9.80
15	10	8322064	FILTRO	\$12.67	\$126.70
16	10	8340000	FILTRO	\$3.83	\$38.30
17	20	8345482	FILTRO	\$18.37	\$367.40
18	10	8358905	SELLO	\$4.61	\$46.10
19	10	8402068	FILTRO	\$18.92	\$189.20
20	4	8413190	ESCOBILLA	\$4.81	\$19.24
21	4	8413191	ESCOBILLA	\$7.26	\$29.04
22	6	8423132	FILTRO COMBUSTIBLE	\$5.46	\$32.76
23	10	8430993	ESCOBILLA	\$13.10	\$131.00
24	4	9311037	FILTRO ACEITE	\$15.43	\$61.72
25	10	9557418	ELEMENTO DE FILTRO	\$139.09	\$1,390.90
26	2	9569980	ESCOBILLA	\$9.49	\$18.98
27	5	8060582	FUSIBLE 400 AMP.	\$48.07	\$240.35
28	13	8080403	LAMPARA 25 W 75 V	\$1.29	\$16.77
29	4	8094886	LAMPARA 50 W 75 V	\$1.10	\$4.40
30	9	8140357	LAMPARA 6 - 8 V	\$0.38	\$3.42
31	4	8156001	LAMPARA 200 W	\$14.17	\$56.68
32	6	8190621	LAMPARA 30 W 75 V	\$1.75	\$10.50
33	1	8271904	KIT DE REP. VALV. FRENO	\$86.49	\$86.49
34	1	8271905	KIT DE REP. VALV. FRENO	\$5.45	\$5.45
35	1	8271906	KIT DE REP. VALV. FRENO	\$17.09	\$17.09
36	1	8271907	KIT DE REP. VALV. FRENO	\$1.99	\$1.99
37	1	8271910	KIT DE REP. VALV. FRENO	\$22.78	\$22.78
38	1	8271911	KIT DE REP. VALV. FRENO	\$1.66	\$1.66
39	1	8271912	KIT DE REP. VALV. FRENO	\$75.90	\$75.90
40	1	8271913	KIT DE REP. VALV. FRENO	\$1.52	\$1.52

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 LUIS CARRAL
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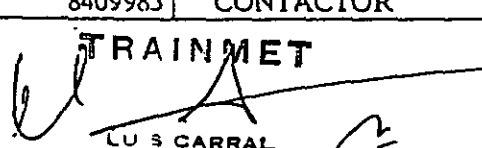
**REPUESTOS RECOMENDADOS POR LOCOMOTORAS
MANTENIMIENTO DEL PRIMER AÑO**



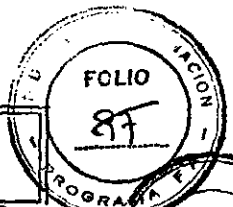
ITEM	CANT	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO U\$S	PRECIO EXTENDIDO U\$S
41	1	8271916	KIT DE REP. VALV. FRENO	\$32.84	\$32.84
42	1	8271918	KIT DE REP. VALV. FRENO	\$2.37	\$2.37
43	1	8288352	CILINDRO FRENO	\$667.58	\$667.58
44	1	8288353	CILINDRO FRENO	\$1,481.57	\$1,481.57
45	1	8295963	LLAVE	\$85.68	\$85.68
46	1	8327900	AMPERIMETRO	\$257.81	\$257.81
47	2	8328694	BALANCINES	\$216.98	\$433.96
48	1	8330133	LLAVE CORREDERA	\$19.46	\$19.46
49	1	8330937	CONTACTOR	\$747.37	\$747.37
50	2	8339390	CONTACTOS MOVILES	\$48.81	\$97.61
51	12	8346478	FUSIBLE	\$32.64	\$391.64
2	1	8351410	KIT DE REP. VALV. FRENO	\$16.89	\$16.89
53	1	8357415	RELE	\$124.46	\$124.46
54	1	8357416	RELE	\$298.44	\$298.44
55	1	8357417	RELE	\$259.85	\$259.85
56	1	8357418	RELE	\$426.42	\$426.42
57	1	8360045	RELE	\$736.02	\$736.02
58	1	8361774	RELE	\$410.70	\$410.70
59	1	8361775	RELE	\$313.57	\$313.57
60	2	8363168	RELE	\$106.01	\$212.01
61	12	8346478	FUSIBLE	\$32.64	\$391.68
62	2	8391699	RESISTENCIA	\$6.39	\$12.78
63	10	8439559	FUSIBLE	\$43.68	\$436.80
64	1	8458724	LLAVE DE CORTE	\$28.50	\$28.50
65	1	8458725	LLAVE DE CORTE	\$28.90	\$28.90
66	1	8458726	LLAVE DE CORTE	\$28.90	\$28.90
67	1	8458727	LLAVE DE CORTE	\$32.44	\$32.44
68	1	8458728	LLAVE DE CORTE	\$35.17	\$35.17
69	1	8458735	LLAVE DE CORTE	\$35.17	\$35.17
70	1	8458738	LLAVE DE CORTE	\$40.71	\$40.71
71	1	8458739	LLAVE DE CORTE	\$28.50	\$28.50
72	1	8458741	LLAVE DE CORTE	\$44.72	\$44.72
73	1	8458742	LLAVE DE CORTE	\$44.72	\$44.72
74	1	8373198	LLAVE DE TIERRA	\$73.14	\$73.14
75	1	8384850	LLAVE PARADA MOTOR	\$36.19	\$36.19
76	1	8387330	MANOMETRO	\$94.10	\$94.10
77	1	8337331	MANOMETRO	\$94.10	\$94.10
78	1	8399841	JUEGO APAGA CHISPA	\$155.88	\$155.88
79	1	8400143	CONTACTOR	\$1,124.87	\$1,124.87
80	2	8404148	LLAVE CORREDERA	\$15.04	\$30.08
81	1	8409983	CONTACTOR	\$1.37	\$1.37

ANEXO

1-162

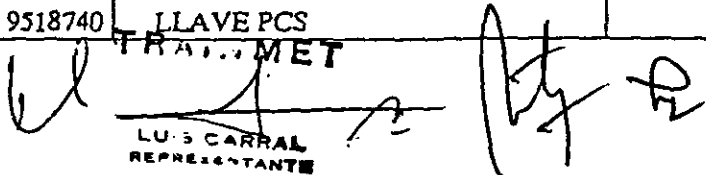
TRAINMET

 LUIS CARRAL
 REPRESENTANTE

**REPUESTOS RECOMENDADOS POR LOCOMOTORAS
MANTENIMIENTO DEL PRIMER AÑO**



ITEM	CANT	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO U\$S	PRECIO EXTENDIDO U\$S
82	5	8421017	RECTIFICADOR	\$13.29	\$66.45
83	1	8421231	RELE	\$110.85	\$110.85
84	1	8424290	TERMOSTATO TA	\$195.70	\$195.70
85	1	8425336	TERMOSTATO CCS	\$232.10	\$232.10
86	1	8433191	LLAVE INDEPENDIZAR	\$146.41	\$146.41
87	2	8439559	FUSIBLE	\$43.68	\$87.35
88	2	8441835	JUEGO CONTACTORES ESTAC.	\$40.80	\$81.60
89	1	8441983	LLAVE FP.	\$89.55	\$89.55
90	1	8442229	MODULO GX (REF)	\$1,007.63	\$1,007.63
91	1	8448174	TERMOSTATO DE TEMP.	\$207.02	\$207.02
92	1	8448859	LLAVE CORTE	\$43.88	\$43.88
93	1	8451213	VALVULA	\$163.94	\$163.94
94	1	8451653	RECTIFICADOR	\$2,766.45	\$2,766.45
95	1	8453176	MODULO MOTOR (REF)	\$1,876.80	\$1,876.80
96	1	8453967	MODULO GV (REF)	\$1,099.96	\$1,099.96
97	1	8455355	LLAVE CORREDERA	\$19.40	\$19.40
98	4	8455850	COJINETE BIELA SUP.	\$183.54	\$734.16
99	1	8456128	BALANCIN DE INECTOR	\$236.10	\$236.10
100	1	8460403	TRANSDUCTOR	\$117.30	\$117.30
101	1	8461332	CONTACTOR POTENCIA	\$777.87	\$777.87
102	1	8461941	VALVULA MAGNETICA	\$172.49	\$172.49
103	1	8464204	VALVULA ARENERO	\$198.05	\$198.05
104	1	8465002	TRANSDUCTOR	\$588.85	\$588.85
105	1	8465021	LLAVE FVS.	\$43.56	\$43.56
106	1	8476006	JUEGO RECTIFICADOR FS.	\$24.62	\$24.62
107	2	8479836	JUEGO JUNTAS CAB. CIL.	\$32.26	\$64.52
108	1	8482180	CONTACTOR STA	\$517.12	\$517.12
109	1	8484754	REGULADOR DE CORRIENTE	\$2,072.55	\$2,072.55
110	1	8491160	JUEGO COJINETES MOTOR	\$630.12	\$630.12
111	2	8491285	RODAMIENTO M.T.	\$660.33	\$1,320.66
112	2	9085371	PLACA DESGASTE	\$87.06	\$174.11
113	2	9089551	PLACA DESGASTE	\$56.98	\$113.97
114	3	9090233	CAMISA CILINDRO	\$1,692.27	\$5,076.81
115	1	9310497	CONTACTOR	\$937.73	\$937.73
116	1	9317181	REGULADOR DE CARGA	\$2,504.35	\$2,504.35
117	1	9319866	MODULO RC (REF)	\$1,136.22	\$1,136.22
118	1	9320047	MODULO FP (REF)	\$1,690.53	\$1,690.53
119	2	9329630	PLACA DESG. CENTRO BOG.	\$57.26	\$114.52
120	4	9509180	JUNTA CABEZA CIL.	\$24.82	\$99.27
121	1	9515383	LLAVE CLOPS	\$172.66	\$172.66
122	1	9518740	LLAVE PCS	\$73.63	\$73.63

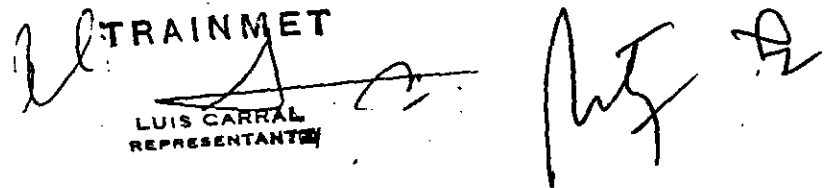
ANEXO


LUIS CARRAL
 REPRESENTANTE

**REPUESTOS RECOMENDADOS POR LOCOMOTORAS
MANTENIMIENTO DEL PRIMER AÑO**

FOLIO
88
FOLIO
2476
AMENO

ITEM	CANT	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO U\$S	PRECIO EXTENDIDO U\$S
123	1	9331941	LLAVE CORTE GEN	\$13.72	\$13.72
124	1	9332050	MODULO SE (REF)	\$1,682.62	\$1,682.62
125	2	9539498	CONTACTOS	\$57.32	\$114.64
126	2	9556060	CABEZA CIL.CONJ.	\$1,259.94	\$2,519.88
127	1	9557119	CAJA DE ENGR. SUP.	\$740.30	\$740.30
128	1	9559844	CAJA DE ENGR. INF.	\$835.51	\$835.51
129	12	9569938	GRASA CAJA ENGR.1 Lb.	\$1.51	\$18.08
130	1	9575385	CONTACTOR	\$640.83	\$640.83
131	1	8462344	PANEL RADIADOR	\$4,596.55	\$4,596.55
132	1	9580740	JUEGO JUNTAS BOMBA AGUA	\$6.21	\$6.21
133	4	9583686	JUEGO JUNTAS	\$13.90	\$55.61
	1	10594370	RODAMIENTO PUNTA EJE	\$575.00	\$575.00
135	1	40018156	MODULO AN10 (REF)	\$881.07	\$881.07
136	1	40018549	MODULO EL11 (REF)	\$1,267.74	\$1,267.74
137	1	40018551	MODULO SA10 (REF)	\$1,423.13	\$1,423.13
138	1	40018553	MODULO TH14 (REF)	\$1,902.66	\$1,902.66
139	1	40018557	MODULO VR13 (REF)	\$1,564.62	\$1,564.62
140	1	40018565	MODULO FS29 (REF)	\$1,511.23	\$1,511.23
141	2	40034378	JUNTA DE ESCAPE	\$23.00	\$46.00
142	4	9552602	SELLO	\$71.62	\$286.48
143	1	9552603	SELLO	\$70.82	\$70.82
144	6	40005466	DIODO	\$119.07	\$714.42
145	6	40005467	DIODO	\$119.34	\$716.04
TOTAL					\$69,588.39

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 REPRESENTANTE



HERRAMIENTAS RECOMENDADAS POR GENERAL MOTORS

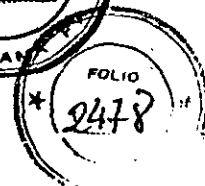
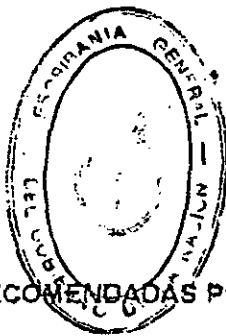
ITEM	CANT.	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO U\$S	PRECIO EXTENDIDO
PARA MOTOR					
1	4	8032587	LLAVE	\$2.96	\$11.84
2	6	8033783	COMPRESOR DE VALVULA	\$91.32	\$547.92
3	7	8034054	ADAPTADOR	\$7.01	\$49.28
4	1	8034085	LLAVE	\$114.14	\$114.14
5	1	8034600	TUBO PROTECTOR	\$6.73	\$6.73
6	2	8034638	COMPARADOR	\$16.89	\$33.78
7	2	8040413	BULON DE TAJE	\$13.96	\$27.92
8	2	8041183	BARRA REMOCION INYECTORES	\$33.68	\$67.36
9	2	8052958	SOPORTE	\$71.35	\$142.70
10	2	8052959	INSTALADOR	\$31.58	\$63.16
11	1	8055837	REMOVEDOR DE BANCADA	\$9.58	\$9.58
12	4	8062033	PROTECTOR DE BIELLA	\$5.75	\$23.00
13	4	8062034	PROTECTOR DE BIELLA	\$7.13	\$28.52
14	1	8064804	DESCARIAJOR	\$43.60	\$43.60
15	4	8065580	ASIENTO	\$193.41	\$773.64
16	1	8071625	BULON DE TAJE	\$33.40	\$33.40
17	2	8071720	MANOMETRO	\$2.56	\$5.12
18	1	8071785	ASIENTO	\$66.55	\$66.55
19	1	8071786	MANIJA	\$67.76	\$67.76
20	1	8072927	INSTALADOR	\$35.67	\$35.67
21	1	8075894	EXTRACTOR	\$109.30	\$109.30
22	1	8078281	CAMISA	\$781.95	\$781.95
23	1	8080632	EXTRACTOR	\$9.48	\$9.48
24	1	8084091	MANIJA	\$179.73	\$179.73
25	2	8177788	CAJURE	\$3.43	\$6.86
26	1	8107967	TACOMETRO	\$874.22	\$874.22
27	1	8116358	PERCHA DE TAJE	\$49.81	\$49.81
28	2	8171633	PINZAS	\$24.20	\$48.40
29	1	8212484	LLAVE	\$35.35	\$35.35
30	1	8236818	LLAVE	\$84.42	\$84.42
31	2	8243220	SOPORTE	\$9.11	\$18.22
32	4	8243661	ALAMBRE DE PLOMO	\$10.35	\$41.40
33	1	8275380	HERRAMIENTA	\$1,671.02	\$1,671.02
34	2	8339610	MICROMETRO	\$87.52	\$175.04
35	2	8349892	EXPANSOR	\$105.29	\$210.58
36	1	8354367	EXTRACTOR	\$100.08	\$100.08
37	1	8394719	EXTRACTOR	\$104.44	\$104.44
38	1	8417858	DISPOSITIVO	\$234.62	\$234.62
39	1	8417859	DISPOSITIVO	\$76.95	\$76.95
40	1	8417881	POSICIONADOR	\$47.00	\$47.00
41	1	8432485	POSICIONADOR	\$29.70	\$29.70
42	1	8474807	JUOGO DE HERRAMIENTAS	\$4,241.04	\$4,241.04
43	1	8496116	MANIJA DE TAJE	\$164.42	\$164.42
44	1	9082392	RAINMEP	\$103.35	\$103.35

ANEXO

LUIS CARREI

el

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HERRAMIENTAS RECOMENDADAS POR GENERAL MOTORS

ITEM	CANT.	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO U\$S	PRECIO EXTENDIDO U\$S
45	1	9082393	HERRAMIENTA	\$108.10	\$108.10
46	1	9083713	HERRAMIENTA	\$12.58	\$12.58
47	1	9333846	GUJA	\$754.68	\$754.68
48	1	9519601	LLAVE	\$132.41	\$132.41
49	1	9549055	DISPOSITIVO	\$3,067.50	\$3,067.50
50	1	9549072	HERRAMIENTA	\$255.02	\$255.02
51	1	9551713	JUEGO DE LLAVES	\$2,963.64	\$2,963.64
52	1	9560333	JUEGO DE HERRAMIENTAS	\$2,752.17	\$2,752.17
53	1	9561844	HERRAMIENTA	\$1,820.54	\$1,820.54
54	1	9572281	TESTER	\$2,722.28	\$2,722.28

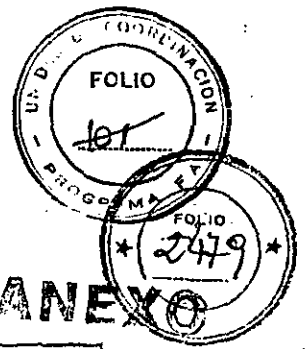
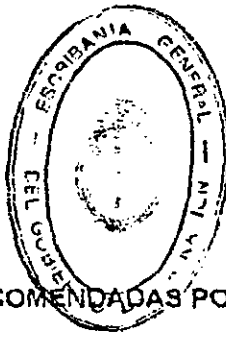
ANEXO

SUB-TOTAL

\$26,137.97

55	1	222563	BULON	\$2.28	\$2.28
56	1	8041446	CALEFACTOR DE PIÑON	\$10,500.87	\$10,500.87
57	2	8050721	CALIBRE DE ROSCAS	\$459.90	\$919.80
58	1	8054871	PROTECTOR	\$796.95	\$796.95
59	1	8072352	CANCAMO DE LAJE	\$268.69	\$268.69
60	1	8127528	LLAVE EXTRACCION	\$118.17	\$118.17
61	1	8127529	LLAVE TUERCA	\$80.27	\$80.27
62	1	8140869	LEVANTADOR DE ESCOBIJAS	\$51.85	\$51.85
63	1	8164036	BULON	\$27.66	\$27.66
64	1	8168577	PLACA CONJUNTO	\$3,594.62	\$3,594.62
65	1	8174880	MICRIGER	\$1,276.50	\$1,276.50
66	1	8204704	INDENTADORA DE CABLES	\$6,271.25	\$6,271.25
67	1	8212404	EQUIPO ALTO POTENCIAL	\$21,345.51	\$21,345.51
68	2	8217142	LEMA	\$14.80	\$29.60
69	1	8233558	DINAMOTOR	\$3,157.44	\$3,157.44
70	2	8238905	JUEGO DE LIMAS	\$41.45	\$82.90
71	1	8249739	CANCAMO DE LAJE	\$61.24	\$61.24
72	1	8250241	EXTRACTOR TAPA	\$26.69	\$26.69
73	1	8259133	CALIBRE RANURA	\$95.21	\$95.21
74	1	8276478	MULTIMETRO	\$436.72	\$436.72
75	1	8305181	HERRAMIENTA	\$104.44	\$104.44
76	2	8361524	EXTRACTOR	\$98.66	\$197.32
77	2	8364533	PIROMETRO	\$1,016.27	\$2,032.54
78	2	8375396	LLAVE DE TORQUE	\$319.16	\$638.32
79	2	8415805	BALANZA	\$72.68	\$145.36
80	2	8472576	MULTIMETRO DIGITAL	\$404.80	\$809.60
81	1	9087560	EQUIPO ENSAYO MODULOS	\$38,763.65	\$38,763.65
82	1	9533321	EXTRACTOR CONJUNTO	\$1,646.06	\$1,646.06
83	1	9539037	CALIBRE	\$641.21	\$641.21
84	1	9548311	MICROMETRO	\$1,347.23	\$1,347.23
85	1	9558531	JUEGO ENSAYO DE MODULO	\$1,760.88	\$1,760.88
86	1	9558959	JUEGO ENSAYO DE MODULO	\$1,092.96	\$1,092.96
87	1	9559790	JUEGO ENSAYO DE MODULO	\$1,226.54	\$1,226.54

COPIA EN REPRODUCTION



HERRAMIENTAS RECOMENDADAS POR GENERAL MOTORS

ANEXO

ITEM	CANT.	PIEZA NUMERO	DESCRIPCION	PRECIO UNITARIO USS	PRECIO EXTENDIDO USS
88	1	9561440	JUEGO ENSAYO DE MODULO	\$1,092.96	\$1,092.96
89	1	9561441	JUEGO ENSAYO DE MODULO	\$1,445.14	\$1,445.14
90	1	9561443	JUEGO ENSAYO DE MODULO	\$1,092.96	\$1,092.96
91	1	9561445	JUEGO ENSAYO DE MODULO	\$1,092.96	\$1,092.96
92	1	9561447	JUEGO ENSAYO DE MODULO	\$1,445.14	\$1,445.14
93	1	9584172	JUEGO ENSAYO DE MODULO	\$1,712.30	\$1,712.30
94	1	40025578	JUEGO ENSAYO DE MODULO	\$1,760.88	\$1,760.88
95	1	40025579	JUEGO ENSAYO DE MODULO	\$1,434.97	\$1,434.97
96	1	40025580	JUEGO ENSAYO DE MODULO	\$1,351.78	\$1,351.78

SUB-TOTAL

\$112,059.49

HERRAMIENTAS VARIAS

97	1	804517	JUEGO DE EXTRACTORES	\$461.68	\$461.68
98	2	8049132	CALIBRES	\$55.10	\$110.80
99	1	8157120	LLAVE DE TORQUE 0-100 LB-FT	\$268.31	\$268.31
100	1	8205869	LLAVE DE TORQUE 30-200 LB-FT	\$165.81	\$165.81
101	1	8239562	EXTRACTOR	\$162.73	\$162.73
102	1	8254385	CALIBRE	\$272.03	\$272.03

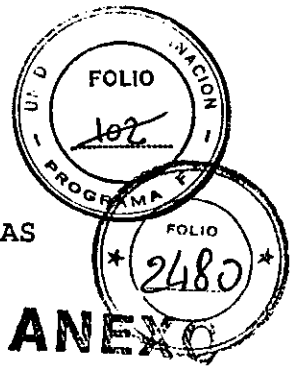
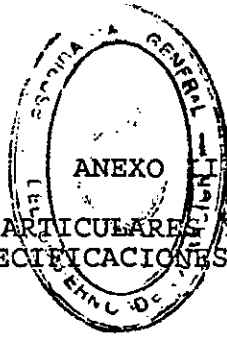
SUB-TOTAL

\$1,441.36

TOTAL

\$113,500.85

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TRAINNET
LUIS CARRAL
REPRESENTANTE



CARACTERISTICAS PARTICULARES Y MODIFICACIONES A LAS
ESPECIFICACIONES BASICAS

OPCIONALES

Pasaje de lado a lado en capot corto

Calefactores laterales a resistencia eléctrica en cabina

Piso de cabina vinílico

Aire acondicionado

Señal acústica de patinaje

Manómetro de presión de aceite en cabina

Teletermómetro de temperatura de agua en cabina

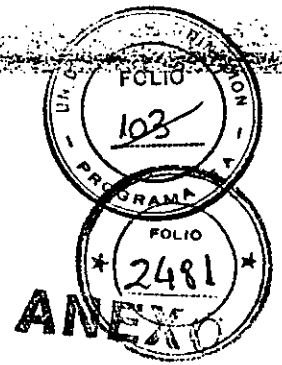
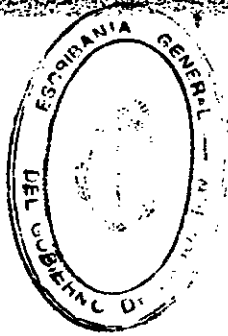
Freno de aire directo para coches (GM brindará la asistencia técnica necesaria para la adaptación de dicho sistema)

El precio de estos opcionales por cada locomotora es de U\$S 28.000 FOB U.S.A.

Freno dinámico: su precio es de U\$S 5.155 FOB U.S.A. por cada locomotora

TRAINMET

LUIS CARRAL
REPRESENTANTE



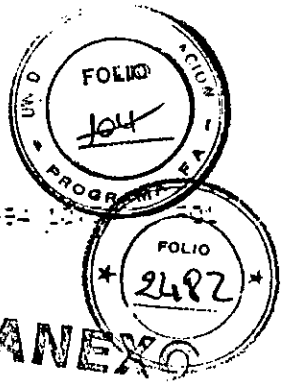
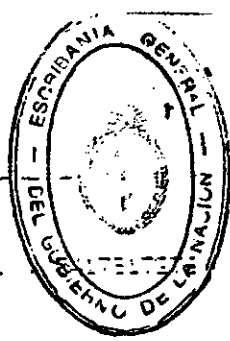
ANEXO N° 4

Precio básico cotizado por General Motors

TRAINMET


~~LUIS CARRAL~~
REPRESENTANTE

Diag. Julio A. Roca 751 - 5° B - (1067) Buenos Aires
Tel: 342-0664 - FAX: 342-6773



**GENERAL MOTORS INTERAMERICA CORP.
SUCURSAL ARGENTINA**

Cabildo 2230 Piso 11° - Capital (1428)
Tel.: 786-7812/8925 787-3712 Fax: 781-7276

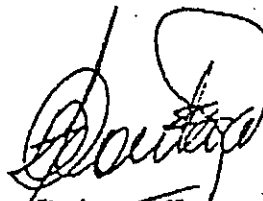
Buenos Aires, 13 de diciembre de 1994

Sr. Guido Molinari
Consorcio Oferente en la licitación
del Grupo de Servicios 4, Línea Roca
TRAINMET (Transportes Metropolitanos Integrados)
Ita Fe 4636 - 2° Piso

De nuestra consideración:

Hacemos saber a Ud. que la propuesta QL877/94 para la provisión de 10/23 locomotoras GT 22CW, cuya cotización originalmente fuera comunicada a la firma TMS (Transportes Metropolitanos San Martín S.A.), es ratificada y válida en todos sus aspectos para la cotización solicitada de 5 locomotoras de las mismas características, requeridas en esta oportunidad por ese consorcio, preadjudicatario del Grupo de Servicios 4 de la Línea Roca.

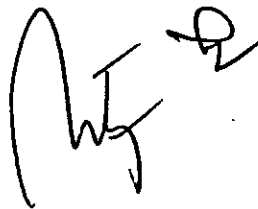
Aprovechamos para saludarlo muy atentamente.


Lic. Roberto Fontao
Depto. Suministros

TRAINMET



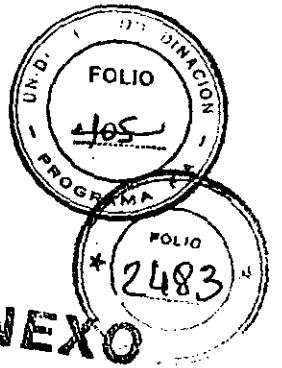
~~LUIS CARRAL~~
~~REPRESENTANTE~~



GENERAL MOTORS INTERAMERICA CORP.
SUCURSAL ARGENTINA

Cabildo 2230 Piso 11 - Capital (1428)
Tel.: 786-7812/8925 787-3712 Fax: 781-7276

Buenos Aires, 6 de diciembre de 1994



ANEXO

Sres.
TRANSPORTES METROPOLITANOS
SAN MARTIN S.A.
TRAINMET
Av. Santa Fe 4636
1425 - Buenos Aires

ATT.: Cont. Carlos Monti
RE.: Q.L. 877/94

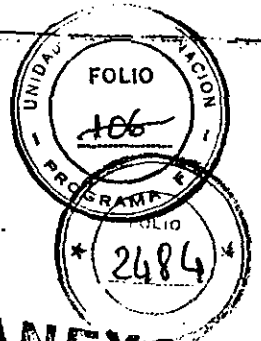
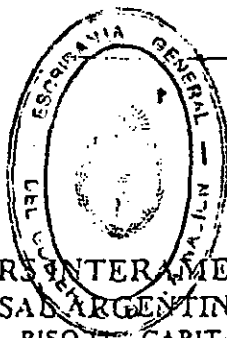
De nuestra consideración:

Nos dirigimos a Ud. a efectos de comunicarle que, de acuerdo a lo solicitado, extendemos la validez de nuestra oferta enviada con carta de fecha 17-10-94 por el suministro de veintitrés locomotoras diesel eléctricas modelo GT22 CW-2 hasta el 16-01-95.

Sin otro particular, atentamente.

Manuel Alberto Lema
Vice- Presidente
Area Latinoamericana

El
TRAINMET
LUIS CARRAS
REPRESENTANTE



GENERAL MOTORS INTER AMERICA CORP.
 - SUCURSAL ARGENTINA -
 CABILDO 2230 PISO 11 CAPITAL (1428)
 Teléfono 786-8925/7812 Fax 781-7276

ANEXO

Buenos Aires, 17 de Octubre de 1994

SEÑORES
 TRANSPORTES METROPOLITANOS SAN MARTÍN SA.
 TRAINMET
 AV. SANTA FE 4636
 BUENOS AIRES (1425)

Att. CDOR. CARLOS A. MONTI
 Ref. Q.L. 877/94

De nuestra consideración:

Continuando con nuestra carta de presentación de oferta técnica incluida en el sobre N° 1 de esta propuesta, detallamos a continuación las condiciones relativas a nuestra propuesta económico-financiera:

<u>PRECIOS</u>	<u>UNITARIO</u>	<u>TOTAL</u>
	---Dólares Estadounidenses---	

A) -Por (10) diez locomotoras diesel eléctricas modelo GT22CW-2, vigente hasta el día 16 de Diciembre de 1994	1.430.000,-	14.300.000,-
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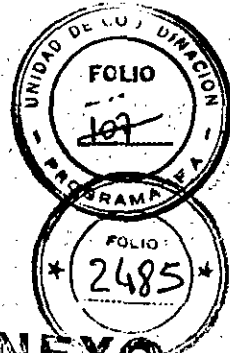
(Son catorce millones trescientos mil dólares estadounidenses)

B) -Por (13) trece locomotoras diesel eléctricas modelo GT22CW-2, vigente hasta el día 17 de Octubre de 1995.	1.487.200,-	19.333.600,-
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(Son diecinueve millones trescientos treinta y tres mil seiscientos dólares estadounidenses)

TRAINMET

LUIS CARRAL
REPRESENTANTE



ANEXO

Estos precios deben considerarse de la siguiente forma:

- 1) Son F.O.B. puerto de Santos - Brasil.
- 2) Incluyen acondicionamiento para embarque marítimo.
- 3) Son por pago a la vista contra presentación de documentos de embarque, no incluyendo cargo alguno por financiamiento posterior a la entrega de las unidades.
- 4) No incluyen los elementos y dispositivos opcionales listados en el Anexo III de la oferta técnica.

C) - Se adjunta la lista de repuestos y herramientas recomendadas con precios F.A.S. puerto de embarque.

PROGRAMA DE ENTREGAS

Para las primeras (10) diez locomotoras según el siguiente cronograma:

- | | |
|---|--------------------|
| A los (12) doce meses | (1) Una unidad. |
| A los (13) trece meses | (3) Tres unidades. |
| A los (14) catorce meses: | (3) Tres unidades. |
| A los (15) quince meses | (3) Tres unidades. |
| Para los restantes (13) equipos a convenir. | |

CONDICIONES DE PAGO

A los efectos de esta propuesta hemos considerado pago a la vista por medio de Carta de Crédito, confirmada e irrevocable pagadera contra presentación de documentos de embarque.

FINANCIACION

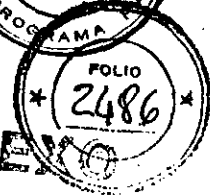
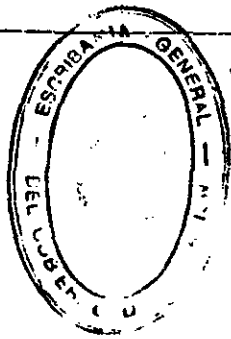
Tal como lo explicamos en nuestra propuesta técnica, las locomotoras ofertadas serán ensambladas en el Brasil por intermedio de nuestra empresa afiliada la GENERAL MOTORS DO BRASIL SA -DIVISAO LOCOMOTIVAS, con componentes de procedencia USA y Canadá. El porcentaje de participación de cada uno de esos orígenes se estima como sigue:

USA	- EMD -	25%
Canadá -	- DDCL -	35%
Brasil -	- GMB -	40%

TRAINMET

**LUIS CARRAL
REPRESENTANTE**

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LEASING

Hemos investigado la posibilidad de montar un sistema de "LEASING OPERATIVO OFF SHORE" sobre las siguientes bases:

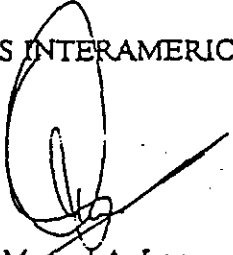
- Base minima (10) diez locomotoras.
- Un mínimo del 60% del valor del contrato seria garantizado por una Institución Bancaria a satisfacción del "LEASOR".
- Término 9 años con opción a 3 más.
- Contrato celebrado en el extranjero, sin incluir opción de compra al término del mismo.
- Mantenimiento preventivo, reparaciones programadas y no programadas (excepto accidentes o daños), a cargo de GMIC de Argentina durante todo el periodo del Leasing.
- Se estima que el cargo total por este concepto seria de aproximadamente u\$s 1.50 por Km recorrido, siendo de aplicación pagos minimos garantizados mensuales.
- Los cargos por mantenimiento y reparaciones serian incluidos en el contrato de Leasing.
- Considera la utilización sin cargo de alquiler de un sector del taller "Depósito Retiro" para las tareas de mantenimiento y reparaciones.
- Se pactaría un porcentaje de disponibilidad de locomotoras en servicio garantizado, que variará de acuerdo a la cantidad de locomotoras adquiridas y disponibles para servicio, estimándose que el mismo podrá estar en el orden de 92% del parque.

Para completar el estudio y eventualmente la preparación de una propuesta de "leasing" es necesario contar con vuestra aceptación en principio a los términos comerciales de nuestra propuesta, así como de las bases para un "Leasing Operativo Off shore".

Todos los datos aportados en esta propuesta respecto de las posibles condiciones de financiamiento y/o "leasing" son indicativos y no representan un compromiso de GMLG de confirmarlos u obtenerlos. Comprometemos nuestros mejores esfuerzos para permitir la materialización de una opción satisfactoria para TRAINMET.

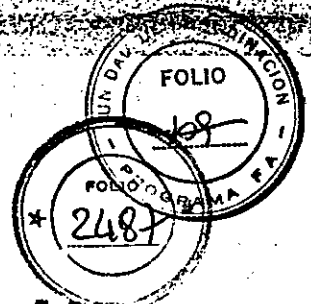
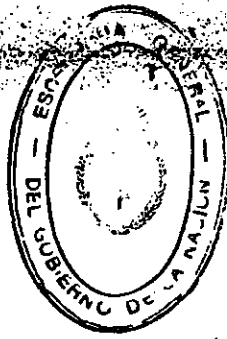
Atentamente,

GENERAL MOTORS INTERAMERICA CORPORATION


Manuel A. Lema
Vice-Presidente
Area Latinoamericana

 TRAINMET

LUIS CARRAL
REPRESENTANTE



ANEXO

ANEXO N° 5

Precio básico cotizado por General Electric

TRAINMET

**LUIS CARRAL
REPRESENTANTE**

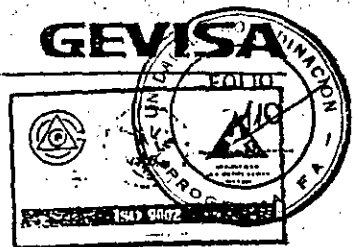
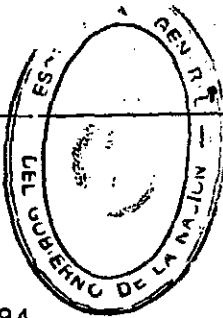
Diag. Julio A. Roca 751 - 5° B - (1067) Buenos Aires
Tel.: 342-0664 - FAX: 342-6773



GE Brasil



VILLARES



Campinas, 17 de Octubre de 1994



Señores
Transportes Metropolitanos
General San Martin S.A.
Av. Santa Fé 4636 - Piso 2
1425 Buenos Aires, Argentina

REF: CONCURSO DE CONDICIONES COMERCIALES Y ANTECEDENTES PARA LA
ADQUISICION DE LOCOMOTORAS DIESEL ELECTRICAS

De nuestra consideración:

Atendiendo a lo solicitado en el concurso de referencia, nos es grato someter a vuestra consideración, la siguiente propuesta, por el suministro de locomotoras Diesel Electricas, marca General Electric, modelo C18-7i, de acuerdo a las especificaciones técnicas y comentarios incorporadas en el sobre "A".

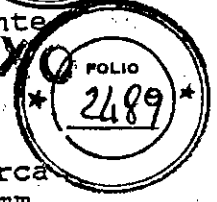
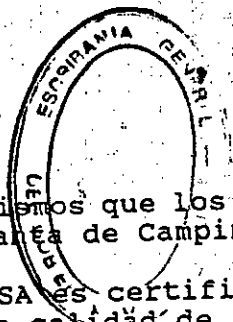
Confirmando nuestro interés en el proyecto y con la información disponible, GEVISA ha tomado los recaudos necesarios para ofrecer la locomotora comprobadamente más adecuada, económica y confiable para esta aplicación.

Queremos destacar que la General Electric Company ha fabricado el modelo básico C18 desde 1957 que en aquella época se denominó U12. En 1976, se llegó a 1800 HP para tracción. El modelo C18-7i ahora ofrecido, es una versión significativamente mejorada y modernizada, incluyendo un sistema de propulsión AC/DC controlado por un sistema de excitación CHEC y control de adhesión "SENTRY".

Las locomotoras ofrecidas serán producidas en la planta de la GEVISA en Campinas, São Paulo, bajo licencia de la General Electric Co. de Norte America, la cual es responsable por el proyecto de la locomotora y por el suministro de los componentes importados, tal como el motor diesel, etc.

General Electric Co. ha producido mas de 20.000 locomotoras para los ferrocarriles de todo el mundo y GEVISA, cuyos patrones de

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LU S CARRAL
RE. REPRESENTANTE
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producción y calidad son los mismos que los de la General Electric, más de 1000 unidades en su planta de Campinas.

El sistema de calidad de GEVISA es certificado internacionalmente de acuerdo con los patrones de calidad de la ISO 9000. **ANEXO**

1. ALCANCE DEL SUMINISTRO

Item 1: Veintitrés (23) locomotoras Diesel Eléctricas, marca General Electric, modelo C18-7I, para trocha 1676 mm, de acuerdo a la Especificación Técnica y comentarios que se acompaña en el sobre A.

Las características básicas de estas locomotoras son:



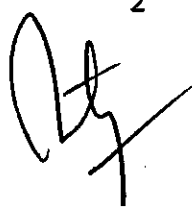
- Peso total (incluyendo combustible, arena, etc).....111.000 kg
- Potencia bruta, bajo condiciones standard UIC.....2.025 hp
- Potencia en régimen continuo suministrado al alternador1.800 hp
- Esfuerzo tractivo continuo 27.200 kgf
- Velocidad máxima 120 km/h

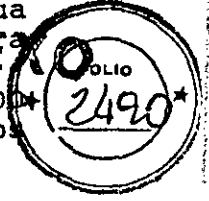
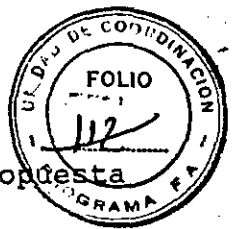
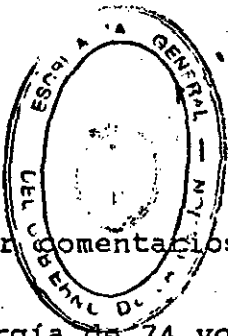
PRECIO NETO UNITARIO PARA UNA CANTIDAD MINIMA DE 10 (DIEZ) LOCOMOTORAS: US\$ 1,413,900.00 (dólares estadounidenses un millón cuatrocientos trece y novecientos)

Item 2: Repuestos consumibles durante los 2 (dos) primeros años de servicio para una flota de 10 (diez) locomotoras, según anexo adjunto.
PRECIO NETO DEL LOTE DE REPUESTOS: US\$ 114.244,94 (dólares estadounidenses ciento catorce mil doscientos cuarenta y cuatro con 94/00).

Item 3: Herramientas especiales, según anexo adjunto.
PRECIO NETO DEL LOTE DE HERRAMIENTAS: US\$ 51.890,00 (dólares estadounidenses cincuenta y un mil ochocientos noventa).

Item 4: Opcionales.
4a: Freno dinámico: curva n° T08A910003.
PRECIO NETO POR LOCOMOTORA: US\$ 18,052.00 (Dólares estadounidenses dieciocho mil cincuenta y dos).
4b: Aire acondicionado. Ver comentarios en nuestra propuesta técnica.
PRECIO NETO POR LOCOMOTORA US\$ 22,315.00 (Dólares estadounidenses ventidos mil trescientos quince).

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 REPRESENTANTE
 2 




4c: Push pull: ver comentarios en nuestra propuesta técnica.

4d: Fuente de energía de 74 volts corriente continua para la iluminación: Ver comentarios en nuestra propuesta técnica.
PRECIO NETO POR LOCOMOTORA: US\$ 11,797.00 (dólares estadounidenses once mil setecientos noventa y siete).

4e: Tracción múltipla.
PRECIO NETO POR LOCOMOTORA: US\$ 8,105.00 (Dólares estadounidenses ocho mil ciento e cinco).

4f: Motor tracción con rodamientos.
PRECIO NETO POR LOCOMOTORA: US\$ 26,930.00 (Dólares estadounidenses veinte seis mil novecientos y treinta).

2. CONDICIONES DE LOS PRECIOS

Los precios cotizados estan dados bajo las siguientes condiciones:

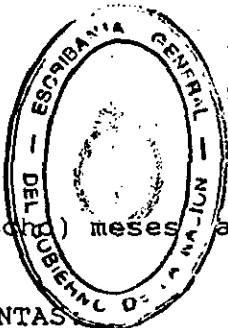
- A. El precio de la locomotora GE se refiere a la entrega FOT Campinas, acondicionadas para su exportación con transferencia de la propiedad con el acta de inspección de la locomotora en la planta de GEVISA.
- B. Los precios son fijos y no estan sujetos a ajustes por el período de entrega indicado y durante el período de validez de esta propuesta para las locomotoras de la primera etapa.
- C. Las tasas y costos de financiamiento y carta de crédito, si existieran, no estan incluidos.
- D. Los precios incluyen garantia, asistencia tecnica especial y programa de soporte y entrenamiento.
- E. Los precios de esta propuesta incluyen todos los impuestos brasileños que inciden en esta venta, no asi cualquier impuesto que deba ser pagado en Argentina.

3. PLAZOS DE ENTREGA

Los plazos de entrega se refieren a mercaderia entregada en condición ex-planta de GEVISA, en Campinas, São Paulo.

- LOCOMOTORAS:
RAINMET
LUIS CARRAL
REPRESENTANTE

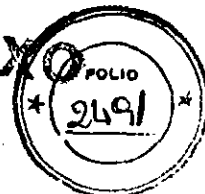
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Comenzando a los 8 (ocho) meses a razón de 2 (dos) unidades por mes.

- REPUESTOS Y HERRAMIENTAS
Serán entregados junto con las locomotoras.

ANEXO



- OPCIONALES:

Instalados en las locomotoras.

Los plazos arriba indicados, serán contados a partir de la entrada en vigor del contrato, y consecuente pago del anticipo.

4. CONDICIONES DE PAGO

Las condiciones de pago de TMS a GEVISA, son las siguientes:

20% (veinte por ciento) del monto total del contrato en forma anticipada, contra la firma del contrato y presentación de factura comercial.

80% (ochenta por ciento) del valor de cada locomotora y sus opcionales, despues del certificado de aceptación de TMS, ex-fabrica GEVISA Campinas - SP y documentación de embarque.

5. FINANCIACION

Dentro de las actuales condiciones del mercado financiero, la oferta de financiación cubriendo la mercaderia más el flete y seguro hasta el puerto de Buenos Aires es la siguiente:

20% (veinte por ciento):

- % financiado..... 100%
- Tasa de interés 12% anual (maxima)
- Plazo de financiación.....3 años (mínimo)
- Periodo de gracia.....6 meses
- Secuencia de pago semestral
- Garantíacarta de crédito

NOTA: Tanto el plazo de financiación como la tasa de interés podrán ser mejoradas, dependiendo del Banco emisor de la carta de crédito.

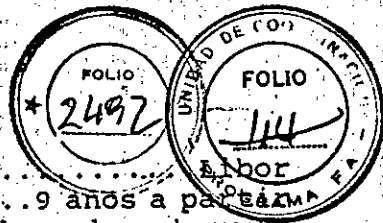
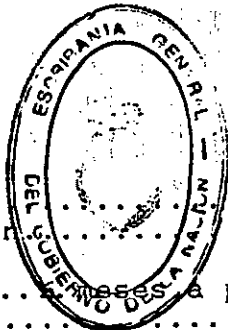
80% (ochenta por ciento):

- % financiado100%

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4



Tasa de interés
 Plazo de financiación 9 años a partir de cada embarque
 Periodo de gracia
 Secuencia de pago
 Garantías (Después del Embarque).....

ANEXO

Letras de Cambio, avaladas por un Banco registrado dentro del Convenio de Crédito Recíproco (CCR) entre los Bancos Centrales de Argentina Y Brasil.

Garantías (Antes del Embarque)..... Carta de Crédito, confirmada, irrevocable e intransferible, cubriendo el monto total de la operación. Dicho crédito deberá ser emitido por un Banco de primera línea y tener una validez que cubra hasta el último embarque, mas 30(treinta) días.

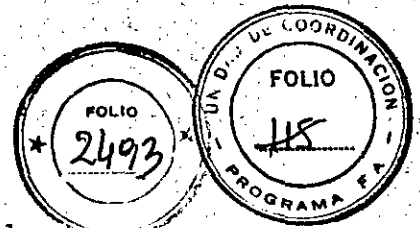
NOTA: Adjuntamos a la presente carta del Banco Bamerindus, donde este manifiesta su interés en encarar negociaciones para la financiación de este proyecto.

Además de la financiación ofrecida a través del Banco Bamerindus estamos analizando otras alternativas de financiación con Bancos Comerciales y el Eximbank do Estados Unidos. El Eximbank está dispuesto a ofrecer préstamos y garantías de credito para Argentina por el 85% del contenido de origen U.S.A., siempre que se provea un adecuado respaldo tal como un aval de un Banco comercial. Estamos dispuestos a procurar del Eximbank un compromiso de crédito en vuestro nombre si se cuenta con los avales requeridos, y/o trabajar junto a Uds. para identificar otras fuentes de financiación según su deseo.

6. GARANTIA DE LOS EQUIPOS

GEVISA garantiza que las locomotoras estarán libres de defectos de material y mano de obra. Las obligaciones de GEVISA respecto de esta garantía se aplicaran sobre los defectos que ocurrieran durante el periodo de 12 (doce) meses desde la entrega o 200.000 km, lo que ocurra primero.

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 ARRAL
 EN TANTE
 5



7. ASISTENCIA TÉCNICA Y ENTRENAMIENTO

GEVISA tiene una larga experiencia en el apoyo a sus locomotoras en todo el mundo y en la introducción de las más recientes tecnologías. La flota de locomotoras de Sudamérica viene apoyada tanto por asesores técnicos residentes, como el suministro de repuestos estratégicamente localizados de reducir al mínimo el tiempo de mantenimiento.

ANEXO

Esta filosofía tendrá continuación y será ampliada hacia TMS para cubrir las locomotoras propuestas, de manera de facilitar su introducción, operación y mantenimiento.

En el caso específico de Argentina, GEVISA tiene, desde hace ya algún tiempo un consultor técnico residente en el país, él que podrá prestar su asistencia en el momento deseado, sin cargo alguno para esa Empresa.

Sin ningún costo adicional, GEVISA ofrece un programa ampliado de apoyo a la asistencia técnica, al suministro de repuestos y al entrenamiento, constituido por los siguientes principales elementos:

- Un ingeniero de servicio de GEVISA para poner las locomotoras en operación.
- Entrenamiento especializado en las instalaciones de TMS para la operación y el mantenimiento de las locomotoras, compuesto de:

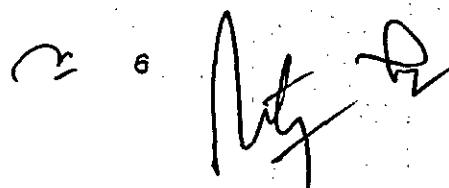
- Curso para los operadores de la locomotora.
- Curso de mantenimiento del motor diesel.
- Curso de los sistemas de control y propulsión.
- Curso de electrónica.

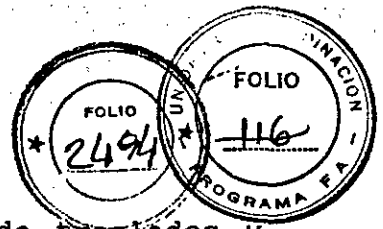
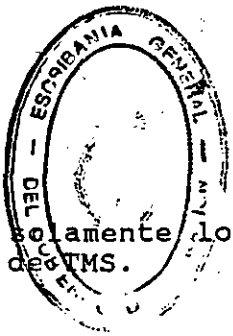
- Serán suministrados manuales de operación y manuales de mantenimiento de las locomotoras en idioma español y catálogos de repuestos en idioma inglés.

Estamos seguros que este programa alcanzará los beneficios de las prácticas eficientes de mantenimiento, alta disponibilidad y confiabilidad de las locomotoras, costos operacionales considerablemente reducidos y productividad general ampliada del ferrocarril de TMS.

Recomendamos que durante el proceso final de fabricación (pruebas) de las primeras locomotoras, los responsables directos de mantenimiento vengán a Campinas para familiarizarse con el producto, manuales de operación, mantenimiento y


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repuestos. En tal caso, solamente los gastos de traslados y estadia seran por cuenta de TMS.

ANEXO

8. VALIDEZ

La presente propuesta es válida para aceptación hasta el 17/12/94 para la primera etapa de 10 (diez) locomotoras.

La validez ofertada para la segunda etapa de 13 (trece) locomotoras esta basada en las actuales condiciones del mercado. En caso de producirse alteraciones que modifiquen sustancialmente las mismas, deberemos convenir de mutuo acuerdo su incidencia en esta propuesta.

9. CONDICIONES GENERALES

Se adjuntan las Condiciones Generales de Venta de GEVISA (CGF-002/193), los que junto a esta propuesta, que prevalece sobre aquella, servirán de base para la negociación de un contrato.

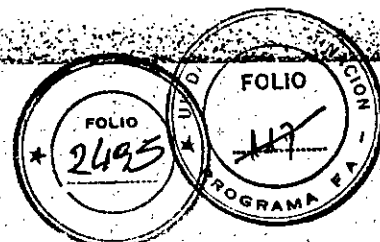
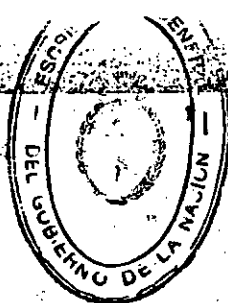
Agradecemos a Uds. por habernos distinguido con la oportunidad de presentarles nuestra propuesta y les aseguramos nuestro fuerte deseo de suministrar a Uds. las locomotoras General Electric C18-7I altamente productivas y confiables.

De ser necesaria cualquier información o aclaraciones complementarias, no duden en contactar a nuestros representantes Cormick Comercial S.A.

Sin más, aprovechamos la ocasión para saludar a Uds. muy atentamente,

Leslie Mac Fadden
Comercialización de Locomotoras
America del Sur

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ANEXO

ANEXO N° 6

Lista de firmas invitadas que no cotizaron

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REPRESENTANTE**

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[Signature]

[Signature]

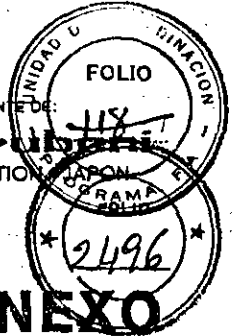
Marubeni ARGENTINA S.A.

Av. del LIBERTADOR 602 - PISO 24° - 1001 BUENOS AIRES - ARGENTINA TEL. 24224
TELEFONOS: 811-2938 / 3022 / 8255 / 8262 - FAX 814-3735



REPRESENTANTE DE:

Marubeni
CORPORATION



ANEXO

Buenos Aires, 28 de Noviembre de 1994.

Señores
TRANSPORTES METROPOLITANOS
GENERAL SAN MARTIN S.A.
Santa Fé 4636
(1425) BUENOS AIRES

Nota Nº MAC1-742/94.
Atn.: Ing. GUIDO MOLINARI
Ref.: Cotización Locomotora

De nuestra mayor consideración:

En relación a Vuestra nota de fecha 22 de noviembre de 1994, cumplimos en informarles que después de haber estudiado Vuestro pedido de cotización, hemos desistido de presentar nuestra Propuesta dada la imposibilidad de ofrecer un precio competitivo.

Sin otro particular, saludamos a Uds. muy

atentamente.

MARUBENI ARGENTINA S.A.

TRAINMET

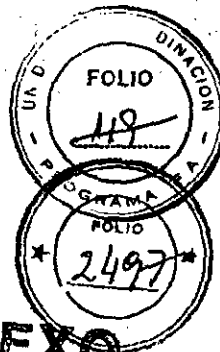
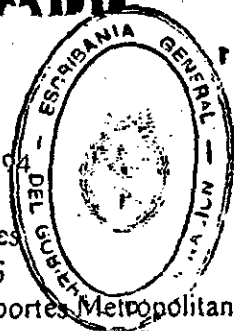
LUIS CARRAL
REPRESENTANTE

KEIJI MAKI
DIRECTOR

Atendido por
Ing. Luis Colussi

Fecha
17.10.94

Señores
T M S
Transportes Metropolitanos
Gral. San Martin S.A.
Santa Fe 4636 - 2° Piso
Capital Federal



ANEXO

Atendido
Cdor. Carlos A. Monti

En fecha

Su referencia
AF/00593/94/C

Ref.: CONCURSO DE CONDICIONES COMERCIALES Y ANTECEDENTES
PARA LA ADQUISICIÓN DE LOCOMOTORAS DIESEL ELÉCTRICAS

De nuestra consideración:

Por medio de la presente, agradecemos su invitación para participar en el concurso de la referencia.

Al respecto y luego de un minucioso análisis de las especificaciones recibidas, declinamos presentar nuestra oferta, fundamentando nuestra posición en la imposibilidad de poder entregar las unidades solicitadas dentro del plazo de entrega pretendido.

Sin otro particular y aguardando ser convocados para otros concursos, saludamos a Uds. muy atentamente.

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LUIS CARRAL
REPRESENTANTE

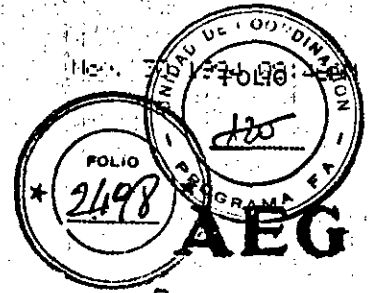
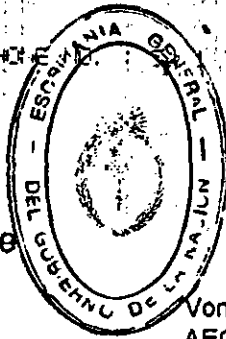
ASEA BROWN BOVERI

Ing. Luis Colussi

ASEA BROWN BOVERI S.A.

FROM : AEG ARGENTINA

PHOTO ESPERANZA GENERAL 334 9660



Telefax-Mittellung/Message

FAX-Nr./FAX No.: 773-4354/777-3050

Von/From:

AEG Schienenfahrzeuge GmbH
Representative for South America
c/o AEG Argentina SAyC
Bdo. de Irigoyen 308-7° Piso-
1379 BUENOS AIRES-Argentina-

ANEXO

Seltenzahl/No. of Pages: 1

FAX-Nr./FAX Ref. No.: 0054-1-334-2210

An/Attention: Sr. Ing. Guido MOLINARI

Stelle/Dept.: Eugenio VAGO

Stelle/Dept.: TRANSPORTES METROPOLITANOS
SAN MARTIN S.A.

Tel.-Nr./Phone No.: 0054-1-334-6731

Ort und Datum/Place and Date
Buenos Aires, 30-Nov-94

Falls unvollständig / unleserlich, rufen Sie bitte sofort an!
If copies are not properly received, please call immediately!

Systemy.

Estimado Ingeniero Molinari,

a la vuelta de mi viaje, he deseado ponarme en contacto telefónico con Ud. para explicarle acerca de la oferta comercial por las locomotoras.

A la descripción técnica enviada por vía fax a Uds, el 17 de octubre próximo pasado, le falta la oferta comercial. En esta nos animamos a obtener la mejor financiación obtenible. Al cambiar el director comercial en la fábrica de Locomotoras de Praga; Dr. Ivan Stiller, se originó un error en el envío de la propuesta a Buenos Aires. Esta fue mal dirigida, por ello nos encontramos en plena tarea de redirigirla a Uds. por los canales correspondientes.

Esperando verlo estos días, munido de la cotización solicitada por Uds, le saludo muy cordialmente

Ing. Eugenio Vago

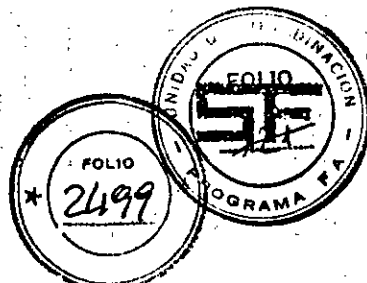
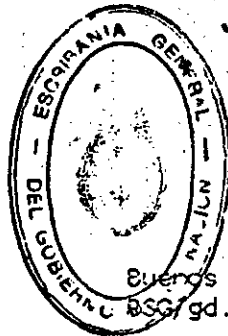
TRAINMET

LUIS GARRAL
REPRESENTANTE

c.c. SKODAEXPORT Argentina S.A.- Ing Zdenek KALKUS- Presidente. Fax.393-5748

con copia al Sr. Ing. Stillerman

SIDERFIMA



Buenos Aires, 11 de octubre de 1994
BSG/gd.

ANEXO

Carta n° 6974

Señores
TRANSPORTES METROPOLITANOS
GENERAL SAN MARTIN S.A.
Santa Fé 4636
(1425) Buenos Aires

At.: Codr. Carlos A. Monti

Ref.: Adquisición de locomotoras

De nuestra mayor consideración:

Con relación a la adquisición de la referencia, adjuntamos copia del mensaje recién recibido, de KRUPP GfT, donde declinan cotizar.

A pesar de lo antedicho, agradeceremos se nos tenga presente para futuras adquisiciones.

Saludámosles muy atentamente.

SIDERFIMA S.A.

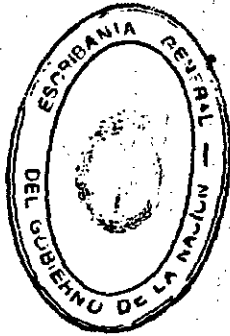

Ricardo S. Glucksmann

1 Adj.

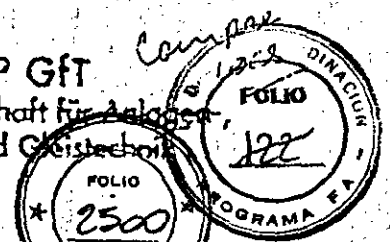

TRANSPORTES METROPOLITANOS GENERAL SAN MARTIN
14 OCT 1994
REC


TRAINMET


LUIS CARRAL
REPRESENTANTE



KRUPP GfT
Gesellschaft für Anlagen-
Bau- und Gleistechnik



Krupp GfT, Postfach 10 22 53, 46022 Essen

Azendorfer Str. 10, 45135 Essen
Telefon (0201) 188-1
Telefax (0201) 188-2501
Telex 857305

SIDERRIMA S.A.
Att. Mr Ricardo S. Glucksmann
Paraguay 577

ANEXO

Buenos Aires/Argentina

Fax 8-0054-1-3125122

Essen, 10.10.94
Gleistechnik/Export
Schwarzwald-4-92.74
Tel. (0201) 188-2098
Telefax: (0201) 188-2583

Dear Mr Glucksmann,

23 + 16 locomotives for TMS/TMB

May we first of all thank you once again for your letter no. 6963 dated 26.09.94 and your telefax message no. G 1079/9 dated 29.09.94 regarding the above mentioned inquiry for new locomotives.

As already pointed out to you by our Mr Jenkinson we will not be in the position to submit a quotation until the due date. Furthermore and honestly speaking we are still in the state of investigating our supply possibilities for new locomotives, mainly basing upon resources in Eastern Europe.

As you may well understand we do have to be well prepared before entering into competition with world-wide main suppliers such as General Electric and General Motors or even Krupp (now Siemens) who follow the locomotive business independently.

Nevertheless we do see chances of becoming more strong also in this field and would like to ask you to follow future inquiries regarding locomotives.

We will of course inform you about our further proceedings with potential supply partners and hope to be in the position to submit our strategy ideas including documentations in the near future.

We are convinced that you accept our openness and hope that you do well understand our position and our decision in this case. Please let us know if you do need an official answer to TMS/TMB from our side.

Closing we would like to thank you for your endeavour and look forward to hearing from you soon, we remain with best regards

Yours faithfully,

KRUPP GfT
Gesellschaft für Anlagen-
Bau- und Gleistechnik mbH
Gleistechnik/Export

A. Winkelmann
- Winkelmann -

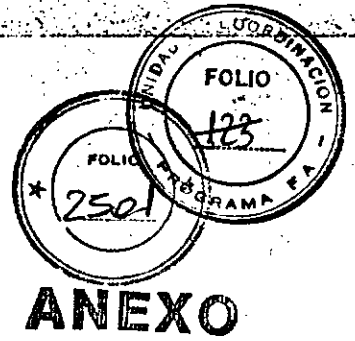
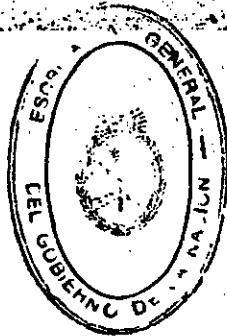
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- Schwarzwald 4 -

TRAINMET

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LUIS GARNER
REPRESENTANTE

Die Unternehmen der Gruppe
Krupp Hoechst International

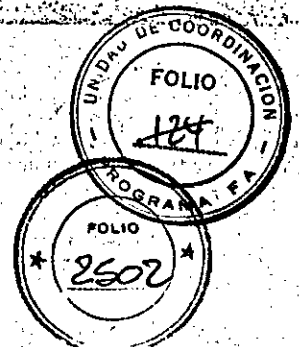
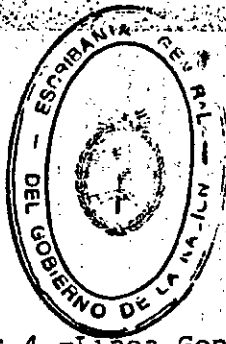
Krupp GfT Gesellschaft für Anlagen, Bau- und Gleistechnik mbH
Sitz der Gesellschaft: Essen
Handelsregister: Amtsgericht Essen, HRB Nr. 10578
Geschäftsführung: Hans-Günter Göttemann, Reinhold Göttemann



ANEXO Nº 7

Precio cotizado por TRAINMET

U
TRAINMET
L **LUIS CARRAL**
REPRESENTANTE *[Signature]*



Grupo de Servicios 4 -Línea General Roca
Plan de Inversiones

ANEXO

Subprograma: Provisión de cinco locomotoras GM-GT22CW-2

Alcance de la provisión: Según detalle en la documentación adjunta.

Plazo de ejecución: Entre el trimestre 2 del año 1 de la concesión y el trimestre 4 del año 2 de la concesión.

Precio cotizado: \$ 11.787.848.- (Once millones setecientos ochenta y siete mil ochocientos cuarenta y ocho pesos)

Detalle del Precio cotizado:

item	locomotora		repuestos y herramientas	
	origen	Brasil		USA/Canadá
Valor FOB unitario		1.520.355		97.516
Flete a Bs.As.	2.5%	38.009	9.0%	8.776
Seguro	1.0%	15.584	1.0%	1.063
Subtotal	CIF	1.573.948		107.353
Tasa estadística	0.0%	-	10.0%	10.736
Derecho Importación	0.0%	-	15.0%	16.103
Base Imponible		1.573.948		134.194
Gastos Portuarios	2.0%	31.479	1.0%	1.342
Despachante	0.5%	7.870	1.0%	1.342
Empaque	0.6%	9.444	1.0%	1.342
Flete Interno/Armado		15.000		1.000
Subtotal		\$ 1.637.740		\$ 139.220

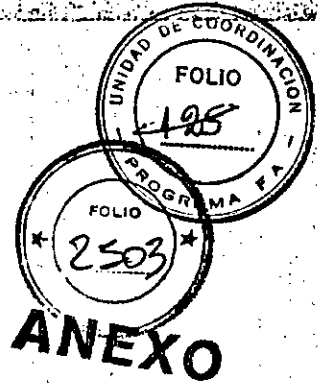
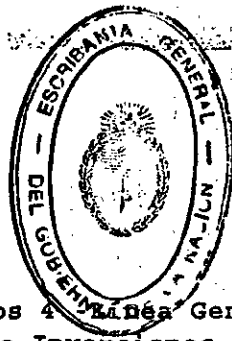
Total 5 locomotoras		\$ 8.884.800.-
Costo Inspección y Asistencia Técnica		\$ 168.090.-
Costo Financiero		\$ 637.121.-
Subtotal		\$ 9.690.011.-
Gastos Generales		-
Beneficio		-
Subtotal		\$ 9.690.011.-
Ingresos Brutos	3 %	\$ 299.691.-
Precio s/IVA		\$ 9.989.702.-
IVA	18 %	\$ 1.798.146.-
Precio c/IVA		\$ 11.787.848.-

Diag. Julio A. Roca 751 - 5º B - (1067) Buenos Aires
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TRAINMET
Luís Carral
LUIS CARRAL
REPRESENTANTE



Grupo de Servicios y Líneas General Roca
Plan de Inversiones



Subprograma: Provisión de cinco locomotoras GM-GT22CW-2

Detalle del costo de Inspecciones y Asistencia Técnica

a) Inspección de Fabricación y Pruebas en Fábrica:

5 viajes de 3 ingenieros/técnicos locales a planta
(Argentina a Brasil)
duración promedio de cada viaje: 3 días

pasajes ida y vuelta en avión	5 x 3 x \$500 =	\$ 7.500.-
gastos de estadías	5 x 3 x 3 x \$245 =	\$ 11.025.-
Subtotal		\$ 18.525.-

b) Asistencia Técnica
(Capacitación Operación y Mantenimiento)

1 viaje de tres ingenieros (USA/Canadá a Argentina)
duración promedio de cada viaje: 15 días

honorarios	3 x 15 x \$ 1 350	\$ 60.750.-
pasajes ida y vuelta en avión	1 x 3 x \$ 1.200 =	\$ 3.600.-
gastos de estadías	3 x 15 x \$245 =	\$ 11.025.-
Subtotal		\$ 75.375.-

c) Supervisión Puesta en Marcha en Argentina

3 viajes de dos ingenieros (USA/Canadá a Argentina)
duración promedio de cada viaje: 7 días

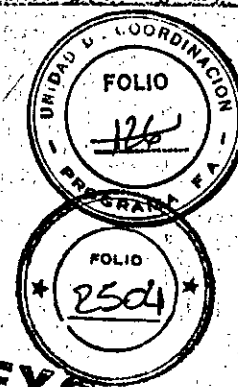
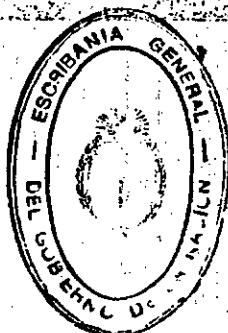
honorarios	3 x 2 x 7 x \$ 1 350	\$ 56.700.-
pasajes ida y vuelta en avión	3 x 2 x \$ 1.200 =	\$ 7.200.-
gastos de estadías	3 x 2 x 7 x \$245 =	\$ 10.290.-
Subtotal		\$ 74.190.-

Total \$ 168.090.-

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Grupo de Servicios 4 -Línea General Roca
Plan de Inversiones

ANEXO

Subprograma: Provisión de cinco locomotoras GM-GT22CW-2

Certificación: Se certificará mensualmente el avance del subprograma con el siguiente esquema:

Colocación Orden de Compra en firme:	17,50 ¢
Provisión de componentes: y avance de fabricación en Taller	70,00 ¢
Despacho a Plaza	10,00 ¢
Armado local de Locomotoras:	2,50 ¢

Cronograma de Desembolsos:

Año 1	\$ 2.062.873.-	
Año 2	\$ 4.614.000.-	
Año 3	\$ 5.110.975.-	(1.022.195 por locomotora)
Total	\$ 11.787.848.-	

El

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TRAINMET

LUIS CARRAL
REPRESENTANTE

Aty

Cálculo Costos Financieros Provisión Nuevas Locomotoras

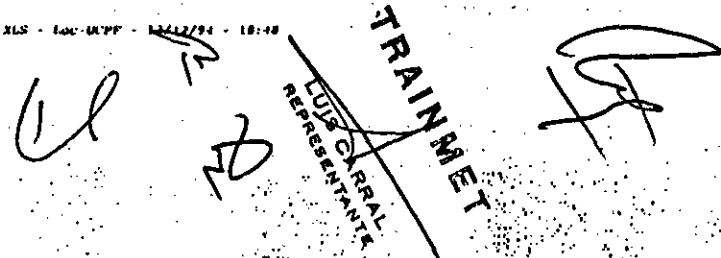
rev 13/12/94

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Periodo	Certificación		Pagos Concedente	Pagos					Financiación tasa 12.00%	
	A	Monto		Total	Impuestos	Fabric.	Gastos	Asist/Inap	Intereses	Monto
Año 1 - Mes 1										
Año 1 - Mes 2										
Año 1 - Mes 3										
Año 1 - Mes 4	17.50%	2,062,873		1,213,403		1,213,403				1,213,403
Año 1 - Mes 5				379,256	367,122				12,134	1,592,659
Año 1 - Mes 6			2,062,873	15,927					15,927	-454,288
Año 1 - Mes 7				-4,543					-4,543	-458,831
Año 1 - Mes 8				-4,588					-4,588	-461,419
Año 1 - Mes 9				-4,634					-4,634	-468,053
Año 1 - Mes 10				-4,681					-4,681	-472,734
Año 1 - Mes 11				-4,727					-4,727	-477,461
Año 1 - Mes 12				-4,775					-4,775	-482,236
Año 2 - Mes 1				-4,822					-4,822	-487,058
Año 2 - Mes 2				-1,166				3,705	-4,871	-488,224
Año 2 - Mes 3	2.43%	286,029		-1,177				3,705	-4,882	-489,401
Año 2 - Mes 4	16.50%	1,944,995		1,424,905	50,901	1,375,190		3,705	-4,894	935,504
Año 2 - Mes 5	30.09%	3,546,755	286,029	3,368,778	346,143	2,750,381	159,089	103,810	9,355	4,018,253
Año 2 - Mes 6	27.66%	3,260,727	1,944,995	3,768,378	631,202	2,750,381	318,178	28,435	40,183	5,841,636
Año 2 - Mes 7	4.85%	572,057	2,382,976	981,623	580,299		318,178	24,730	58,416	4,440,283
Año 2 - Mes 8	0.97%	114,411		146,210	101,807				44,403	4,586,493
Año 2 - Mes 9				66,226	20,361				45,865	4,652,719
Año 2 - Mes 10				46,527					46,527	4,699,246
Año 2 - Mes 11				46,992					46,992	4,746,238
Año 2 - Mes 12				47,462					47,462	4,793,701
Año 3 - Mes 1			425,915	47,937					47,937	4,415,777
Año 3 - Mes 2			425,915	44,157					44,157	4,033,966
Año 3 - Mes 3			425,915	40,340					40,340	3,648,311
Año 3 - Mes 4			425,915	36,484					36,484	3,258,966
Año 3 - Mes 5			425,915	32,590					32,590	2,865,636
Año 3 - Mes 6			425,915	28,656					28,656	2,468,377
Año 3 - Mes 7			425,915	24,684					24,684	2,067,147
Año 3 - Mes 8			425,915	20,671					20,671	1,661,903
Año 3 - Mes 9			425,915	16,619					16,619	1,252,608
Año 3 - Mes 10			425,915	12,526					12,526	819,219
Año 3 - Mes 11			425,915	8,392					8,392	421,697
Año 3 - Mes 12			425,915	4,217					4,217	-0
Total	100.00%	11,787,848	11,787,848	11,787,848	2,097,837	8,089,355	795,445	168,090	637,121	

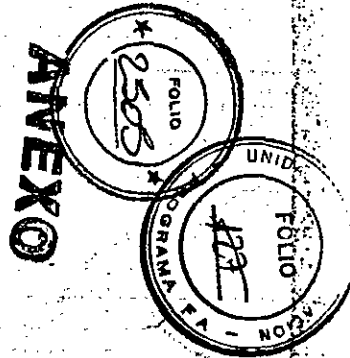
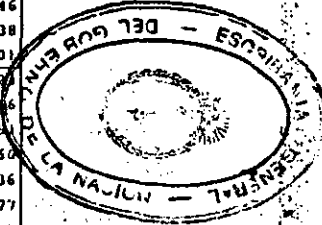
Total por año 1- 2,062,873 2- 4,614,000 3- 5,110,975

PLANPROB.XLS - Loc-UN'PP - 13/12/94 - 18:48

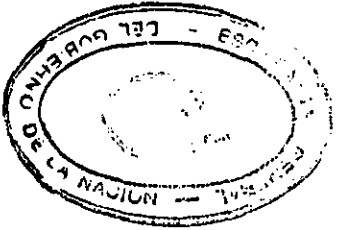


 LUZ CARRAL
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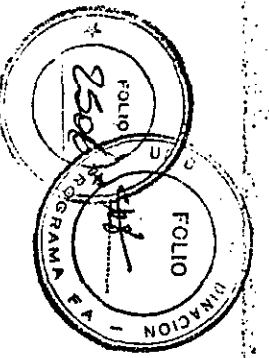


	Inspec	Asist	Pta Marcha
personas	3	3	2
viajes	5	1	3
días	3	15	7
pasaje	\$ 500	\$ 1,200	\$ 1,200
viatico/día	\$ 245	\$ 245	\$ 245
varios/viaje	\$ -	\$ -	\$ -
honorarios	\$ -	\$ 1,350	\$ 1,350
subtotal	\$ 18,525	\$ 75,375	\$ 74,190
Total		\$ 168,090	

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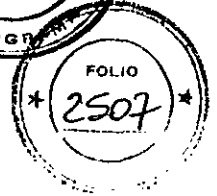
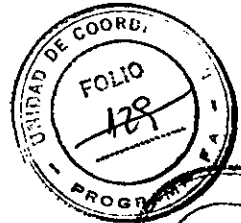
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 TRINNET
 EDIS CARRAL
 REPRESENTANTE

ANEXO





GRUPO DE SERVICIOS 4
ANEXO XXVI/3 ADJUNTO B

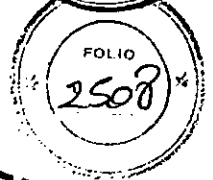
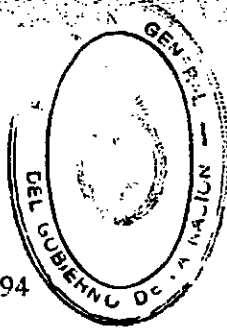


**MODIFICACIONES ACORDADAS AL PROGRAMA DE
INVERSIONES DEL ANEXO XXVI/1**

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Buenos Aires, 9 de diciembre de 1994



ANEXO

Sr.
Director de la Unidad de Coordinación del
Programa de Reestructuración Ferroviaria
Ing. Jorge Kogan
S / D

Ref: Línea General Roca - Cotización de
Reparación de Locomotoras.

De nuestra mayor consideración:

Tenemos el agrado de presentar nuestra propuesta para la inclusión de un nuevo subprograma en el Plan de Inversiones.

Dicho subprograma comprende la incorporación a la Concesión de siete locomotora General Motors modelo GT22CW (identificadas con los números 9023, 9028, 9035, 9038, 9044, 9092 y 9094), para lo cual se procederá a su rehabilitación y reparación a efectuarse en la Cooperativa de Trabajo Ferroviaria Taller Pérez Ltda.

En consideración a las motivaciones especiales de las modificaciones al Plan de Inversiones, y con el objetivo de contribuir a la rápida recuperación de los servicios en los ramales traccionados, que han venido deteriorándose seriamente en los últimos periodos, este Consorcio absorberá los costos generales y resigna el margen de beneficios que correspondería considerar en nuestra cotización adjunta.

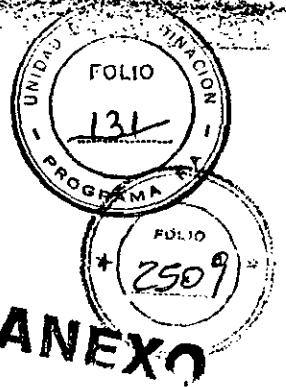
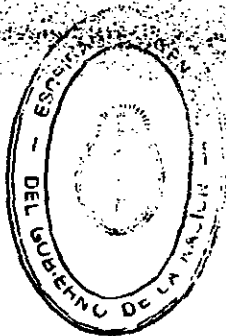
Saludamos a Ud. muy atentamente.

TRAINMET

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REPRESENTANTE

Adj. Propuesta Comercial

Copia oferta Cooperativa de Trabajo Ferroviaria Taller Pérez Ltda.



Plan de Inversiones Línea General Roca

Subprograma: Reparación de Rehabilitación de siete locomotoras GM-GT22CW

Alcance de los trabajos: Según detalle en la documentación adjunta.

Plazo de ejecución: Entre el trimestre 1 del año 1 de la concesión y el trimestre 2 del año 2 de la concesión.

Precio cotizado: \$ 1.901.114.- (Un millón novecientos un mil ciento catorce pesos)

Detalle del Precio cotizado:

Subcontrato Cooperativa		\$ 1.347.138.-
Locomotora 9023	\$ 153.099.-	
Locomotora 9029	\$ 230.347.-	
Locomotora 9035	\$ 158.514.-	
Locomotora 9038	\$ 235.370.-	
Locomotora 9044	\$ 240.600.-	
Locomotora 9092	\$ 150.202.-	
Locomotora 9094	\$ 258.906.-	
Costo Gerenciamiento e Inspección	\$ 185.000.-	
Costo Financiero	\$ 30.643.-	
Subtotal	\$ 1.562.780.-	
Gastos Generales	-	
Beneficio	-	
Subtotal	\$ 1.562.780.-	
Ingresos Brutos	3 %	\$ 48.333.-
Precio s/IVA		\$ 1.611.114.-
IVA	18 %	\$ 290.000.-
Precio c/IVA		\$ 1.901.114.-

Certificación: Se certificará mensualmente el avance del subprograma con el siguiente esquema:

Colocación Orden de Compra:	10 %
Provisión de componentes:	
y avance de reparación en Taller	65 %
Prueba de Locomotoras:	5 %

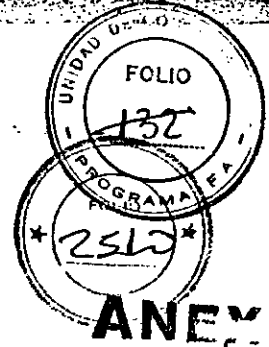
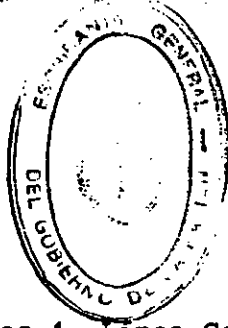
Cronograma de Desembolsos:

Año 1	\$ 1.771.000.-
Año 2	\$ 130.114.-
Total	\$ 1.901.114.-

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Grupo de Servicios 4 -Línea General Roca
Plan de Inversiones

Subprograma: Reparación de Rehabilitación de siete locomotoras GM-GT22CW

Detalle del costo de Gerenciamiento e Inspección

-) Dotación promedio a afectar en Talleres Pérez
1 Ingeniero Jefe
2 Técnicos
1 Auxiliar Administrativo

- b) Plazo promedio del gerenciamiento e Inspección
10 meses

c) Costos

	mensuales
Salarios y Cargas Sociales	\$ 12.750.-
Viáticos	\$ 1.750.-
Alquileres/hotelería	\$ 2.000.-
Gastos Generales (papelería, telefonía, copias, etc.)	\$ 2.000.-
Subtotal mensual	\$ 18.500.-
Total para 10 meses	\$ 185.000.-

Cl

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LUIS CARRAL
REPRESENTANTE

Cooperativa de Trabajo Ferroviaria
Taller Perez Ltda.

UTA33 Y MITRE
EL. 951103
121 PEREZ



Pérez, 06 de Diciembre de 1994.

Señores
TRAINMET S.A.
Santa Fe N° 4636
CAPITAL FEDERAL.-

ANEXO

Asunto: REPARACION, BAJO CONDICIONES DE NUMERAL 3RA. DE SIETE (7)
LOCOMOTORAS GENERAL MOTORS G.T. 22:0.W. DEPOSITADAS EN
TALLER PEREZ.-

De nuestra mayor consideración:

La presente guarda relación con nuestra cotización de fecha 13/09/94 a efectos de realizar el trabajo rubrado. Sobre dicha base y atendiendo al requerimiento del perfeccionamiento de la precitada oferta mediante modificaciones, agregados y precisiones / por Uds. formuladas, se ha reelaborado la misma adjuntándose a la presente como "Anexo Técnico "A" Presupuesto Reparación Numeral 3ra. Loc. D.E.G. Motors".-

El costo total de reparación de cada una de las locomotoras citadas (9023, 9028, 9035, 9038, 9044, 9092 y 9094) constituye el monto total y definitivo para cada intervención, comprendiendo en el mismo todas las tareas y repuestos extraordinarios que pudieran surgir del control de partes y desarmá de conjuntos de las unidades // tractivas mencionadas.-

Se agregan ahora planillas "Anexo Técnico N°5" con el detalle valorizado de repuestos que, en función al requerimiento mencionado en primer párrafo de la presente, resulta necesario incorporar, quedando en claro que los repuestos de estas planillas que no sean utilizados, quedarán disponibles para los fines que Uds. consideren menester. -Se adiciona además planillas "Anexo Técnico N°6", conteniendo la enumeración de tareas adicionales para cuya ejecución se prevén los mencionados repuestos.-

La garantía de calidad de los trabajos efectuados se otorga por un recorrido de 100.000 Kms. ó un período de 1 (uno) año desde la recepción provisoria, lo que se cumplirá primero.-

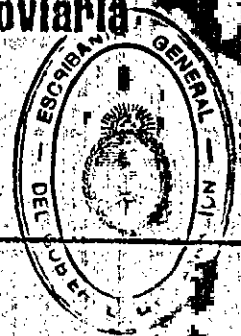
El cronograma de entrega de las locomotoras reparadas es el que se acompaña a la presente como "Anexo "B"".-

PASCUAL N. MACI
PRESIDENTE

LUIS CARRAL
REPRESENTANTE

Cooperativa de Trabajo Ferroviaria Taller Perez Ltda.

RUTA 33 Y MITRE
TEL. 951103
2121 PEREZ



ANEXO

Dejamos puntualizar que, para la confección del precio total y definitivo de cada reparación, consideramos que TRAINMET asistirá a esta Cooperativa en la selección de proveedores, revisión de solicitudes, órdenes de compra, auditoría de aseguramiento de calidad y cumplimiento de programa en proveedores y subcontratistas. - TRAINMET dispondrá además del personal necesario para auditar los antes de control, ensayos e inspección de repuestos, productos elaborados y materia prima. -

TRAINMET colaborará en la definición de normas, instrucciones de proceso, obtención de información técnica del fabricante de las locomotoras y seguimiento de la reparación de nuestra planta, auditando la calidad de los trabajos a través de la inspección de Obras designada. -


Con referencia a las condiciones de pago de los trabajos ofrecemos a Uds.:

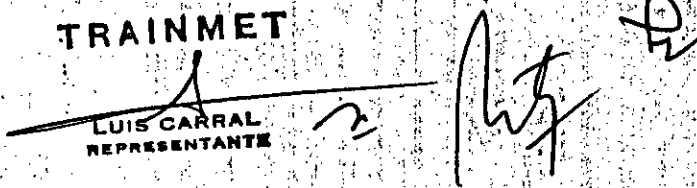
Alternativa 1.

- 15% de anticipo del monto total de la obra a la firma del pertinente contrato. -
- 15% del monto total de la reparación de cada locomotora al finalizar las tareas de desarmado e inspección de órganos, conjuntos y principales elementos constitutivos (aproximadamente a los quince (15) días de la puesta en mano de cada unidad tractiva).
- Resto en certificaciones mensuales por avance de obra, pagaderos a los treinta (30) días de presentación de las pertinentes facturas. -

Alternativa 2

- Nuestra Cooperativa se hará cargo de la gestión para la obtención de los repuestos, bajo las premisas de asistencia técnica precedentemente detalladas, y TRAINMET efectuará el pago a los proveedores correspondientes. -


PASCUAL N. MAC
PRESIDENTE

TRAINMET

LUIS CARRAL
REPRESENTANTE

Sigue...!!!

Cooperativa de Trabajo Ferroviaria
Taller Perez Ltda.

RUTA 33 Y MITRE
TEL: 951103
2121 PEREZ



ANEXO

- En lo referente a la mano de obra necesaria para ejecutar las tareas, se documentará mediante certificaciones mensuales por avance de obra, pagaderas a los treinta (30) días de presentación de las pertinentes facturas.-

En función de lo expuesto deseamos aclarar/que estamos a vuestra disposición por cualquier aclaración o modificación que esa Empresa considere necesario formular.-

Sin otro particular; reiteramos a Uds. las muestras de nuestra mayor consideración.-

9 Adjuntos.-


PASCUAL N. MACÍA
PRESIDENTE

TRAINMET


LUIS CARRAL
REPRESENTANTE

ANEXO TECNICO "A"

PRESUPUESTO REPARACION NUMERAL 3 - LOCTS. D.E. GENERAL MOTORS GT.22- CW. EN TALLER PEREZ

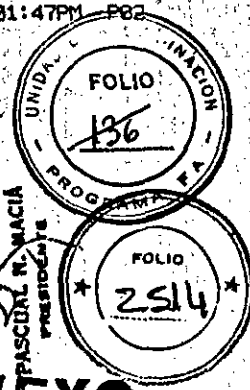
<u>LOCT. N°</u>	<u>TAREAS BASICAS</u>	<u>MAT. BASICOS</u>	<u>TAREAS ADIC.</u>	<u>MAT. ADICION.</u>	<u>TOTAL</u>
9023	83.174,81	21.580,23	29.686,80	46.214,90	180.656,74
9028	83.174,81	21.580,23	72.290,77	94.763,52	271.809,33
9035	83.174,81	21.580,23	30.592,90	51.698,11	187.046,05
9038	83.174,81	21.580,23	26.545,04	28.436,40	139.736,47
9044	83.174,81	21.580,23	79.325,24	100.063,64	284.143,92
9092	83.174,81	21.580,23	29.921,05	54.362,30	189.038,39
9094	83.174,81	21.580,23	83.701,47	128.735,07	317.191,58



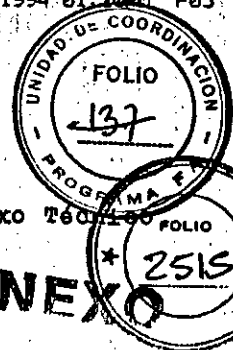
NOTA: TODOS LOS VALORES INCLUYEN I.V.A.-

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LUIS CARRAL
REPRESENTANTE

ANEXO



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ANEXO TECNICO N° 5

Materiales necesarios para cumplimentar Observaciones en Anexo Técnico N°1.-

LOC. CT. 220W N° 0003

ANEXO

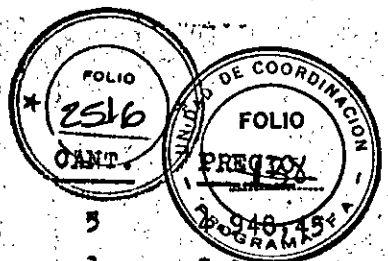
<u>N.U.M.</u>	<u>DESCRIPCION</u>	<u>CANT.</u>	<u>PRECIO</u>
0.00.3.03.9999.0	Cojinetes de biela sup. e inferior	6	5.938,15
02.9999.0	Cojinetes de bancada	3	2.000,00
2.03.0151.0	Collar de empuje	1	140,00
7.08.1345.0	Cojinete suspensión de M/T.	12	7.123,68
1191.0	Mecha de lubricación	12	432,00
1127.0	Piñon motor de tracción	3	2.050,00
0107.0	Coliza suspensión de bogie	1 (Jgo)	180,00
1.01.0819.0	Placa central	2	220,00
0663.0	Amortiguadores	4	847,60
2.01.0001.0	Gancho de tracción	2	420,00
0081.0	Enganche a tornillo	2	1.200,00
02.2043.0	Vidrio de ventana	4	120,00
0060.0	Ventanilla	2	654,60
9999.0	Piso de cabina	1	250,00
1.01.0193.0	Colizas juego lateral	8	300,00
1.01.0639.0)	Resortes suspensión	1 (jgo)	350,00
0640.0)			
			22.226,03

PASCUAL N. MACIA
PRESIDENTE
TRAINMET

LUIS CARRAL
REPRESENTANTE

N.U.M.

N.U.M.	DESCRIPCION
0.08.3.03.9999.0	Cojinetes de chelas sup inferior
02.9999.0	Cojinetes de bancadas
2.03.0151.0	Collar de empuje
7.08.1345.0	Cojinete suspensión de M/T.
1191.0	Mecha de lubricación
1127.0	Piñón motor de tracción
0107.0	Coliza suspensión de bogie
1.01.0819.0	Placa central
0663.0	Amortiguadores
2.01.0001.0	Gancho de tracción
0081.0	Enganche a tornillo
02.2901.0	Asiento giratorio
2997.0	Respaldo
0060.0	Ventanilla
.9999.0	Piso de cabina
5.03.0011.0	Manga de freno
1.01.0193.0	Coliza juego lateral
0639.0	Resorte suspensión
0640.0	



ANEXO

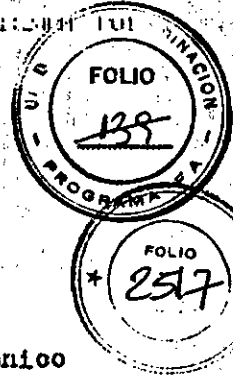
5	140,00
3	2.000,00
1	123,68
12	432,00
3	2.050,00
1 (Jgo)	180,00
2	220,00
4	847,60
2	420,00
2	1.200,00
1	157,48
1	57,86
2	654,60
1	250,00
2	150,00
8	300,00
1 (Jgo)	350,00

\$ 21.461,67

PASCUAL N. MACIÁ
PRESIDENTE

TRAINMET

LUIS CARRAL
REPRESENTANTE



ANEXO TÉCNICO N°

ANEXO

Materiales necesarios para cumplimentar Observaciones en Anexo Técnico N° 1".-

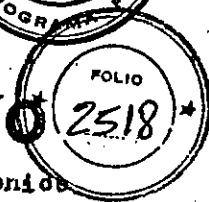
LOOT. GT.22 GW N° 9035

<u>N.U.M.</u>	<u>DESCRIPCION</u>	<u>CANT.</u>	<u>PRECIO</u>
0.08.3.03.9999.0	Cojinetes de bielas sup. e inferior	5	4.948,45
02.9999.0	Cojinetes de bancada	3	2.000,00
2.03.0151.0	Collar de empuje	1	140,00
7.08.1345.0	Cojinete suspensión M/T.	12	7.123,69
1191.0	Mecha de lubricación	12	432,00
1127.0	Piñón motor de tracción	3	2.050,00
0107.0	Coliza suspensión de bogie	1 (Jgo)	180,00
1.01.0819.0	Placa central	2	220,00
0663.0	Amortiguadores	4	847,60
2.01.0001.0	Gancho de tracción	2	420,00
0081.0	Enganche a tornillo	2	1.200,00
02.2043.0	Vidrio de ventana	3	90,00
2901.0	Asiento giratorio	1	157,48
2997.0	Respaldo	3	115,72
3091.0	Asiento rebatible	1	86,96
3131.0	Apoya brazos	2	164,00
9999.0	Fiso de cabina	1	250,00
5.03.0011.0	Mangas de freno	2	150,00
1.01.0193.0	Colizas juego lateral	8	300,00
			<u>20.875,90.</u>

~~TRAINMET~~
LUIS CARRAL
REPRESENTANTE

PASCUAL N. MACIA
PRESIDENTE

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ANEXO

Materiales necesarios para cumplimiento de Observaciones en Anexo Técnico No 1.-

LOOT. GT.22 CW N° 9038

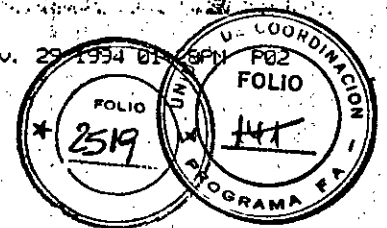
<u>N.U.M.</u>	<u>DESCRIPCION</u>	<u>CANT.</u>	<u>PRECIO</u>
0.08.3.03.9999.0	Cojinetes de biela sup. e inferior	6	5.938,15
7.08.1345.0	Cojinete de suspensión M/T.	12	7.123,68
1191.0	Mechas lubricación	12	432,00
1127.0	Pistón de motor de tracción	3	2.050,00
0107.0) 0109.0)	Coliza suspensión	1 (Jgo)	180,00
1.01.0819.0	Placa central	2	220,00
0663.0	Amortiguadores	4	847,60
2.01.0001.0	Gancho de tracción	2	420,00
0081.0	Enganche a tornillo	2	1.200,00
			18.411,43

TRAINMET

LUIS CARRAL
REPRESENTANTE

PASCUAL N. MACIÁ
PRESIDENTE

ANEXO TECNICO N° 5



ANEXO

Material es necesarios para cumplimentar "Observaciones en Anexo Técnico N° 1".-

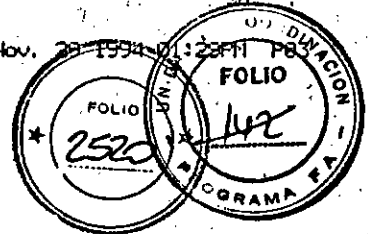
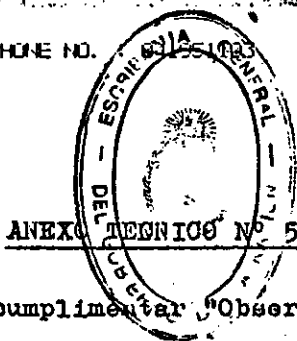
LOCT. GT.22 OW N° 9044

<u>N.U.M.</u>	<u>DESCRIPCION</u>	<u>CANT.</u>	<u>PRECIO</u>
0.08.3.03.9999.0	Cojinetes de biela sup. e inferior	5	4.948,45
02.9999.0	Cojinete de bancada	3	2.000,00
2.03.0151.0	Collar de empuje	1	140,00
7.08.1345.0	Cojinete suspensión M/T.	12	7.123,68
1191.0	Mecha de lubricación	12	432,00
1127.0	Pistón motor de tracción	3	2.050,00
0107.0	Coliza suspensión de bogie	1 (Jgo)	180,00
1.01.0819.0	Piaca central	2	220,00
0663.0	Amortiguadores	4	847,60
2.01.0001.0	Gancho de tracción	2	420,00
0081.0	Enganche a tornillo	2	1.200,00
02.2043.0	Vidrio de ventana	3	90,00
2901.0	Asiento giratorio	1	157,48
2997.0	Respaldos	2	115,72
9019611000.0	Generador de pulso c/motor	1	2.602,00
0.08.2.02.3461.0	Visera	2	66,42
0060.0	Ventanillas	4	1.309,20
9999.0	Fiso de cabina	1	250,00
5.03.0011.0	Manga de freno	2	150,00
1.01.0193.0	Colizas de juego lateral	8	300,00
0639.0}	Resorte suspensión	2 (Jgos)	700,00
0640.0}			
			8 25.302,56

TRAINNET

LUIS CARRAL
REPRESENTANTE

PASCUAL N. MACIÁ
PRESIDENTE



ANEXO

Materiales necesarios para cumplimiento de Observaciones en Anexo Técnico Nº 1º.-

LOCT. GT.22 CW. Nº9092

1460

<u>N.U.M.</u>	<u>DESCRIPCION</u>	<u>CANT.</u>	<u>PRECIO</u>
0.08.3.03.9999.0	Cojinetes de biela sup. e inferior	6	5.938,15
3.02.9999.0	Cojinetes de bancada	3	2.000,00
2.03.0151.0	Collar de empuje	1	140,00
7.08.1345.0	Cojinete suspensión M/T. 2 cojinetes	12	7.123,68
1191.0	Mecha de lubricación	12	432,00
1127.0	Pimón motor de tracción	3	2.050,00
0107.0	Coliza suspensión de bogie	1 (Jgo)	180,00
1.01.0819.0	Placa central	2	220,00
0663.0	Amortiguadores	4	847,60
0001.0	Gancho de tracción	2	420,00
0081.0	Enganche a tornillo	2	1.200,00
2.02.2901.0	Asiento giratorio	1	157,48
2997.0	Resplados	1	57,86
3091.0	Asiento rebatible	1	86,96
9999.0	Piso de cabina	1	250,00
5.03.0011.0	Manga de freno	2	150,00
1.01.0193.0	Coliza juego lateral	8	300,00

8 21.553,73

TRAINMET

LUIS CARRAL
REPRESENTANTE

[Signature]
PASCUAL N. MACIÁ
PRESIDENTE

[Handwritten signatures]

ate: 1°

es necesarios para cumplir con las observaciones en el contrato

LOCT. HT 22 CW N° 9094
DESCRIPCION

FOLIO 2521
FOLIO 143
GRAMA

N.U.M.

N.U.M.	DESCRIPCION	CANT.	PRECIO
0.08.3.03.9999.0	Cojinetes de Sela sup. e inferior	6	5.938,15
02.9999.0	Cojinetes de bancada	3	2.000,00
2.03.0151.0	Collar de empuje		ANEXO 140,00
7.08.1345.0	Cojinete suspensión M/T.	12	7.123,68
1191.0	Mecha de lubricación	12	432,00
1127.0	PIÑÓN motor de tracción	3	2.050,00
0107.0	Coliza suspensión de bogie	1 (jgo)	180,00
1.01.0819.0	Placa central	2	220,00
0663.0	Amortiguadores	4	847,60
0001.0	Gancho de tracción	2	420,00
0081.0	Enganche a tornillo	2	1.200,00
2.02.2901.0	Asiento giratorio	2	314,96
2997.0	Respaldo	2	115,72
0060.0	Ventanilla	4	1.309,20
9999.0	Piso de cabina	1	250,00
5.03.0011.0	Manga de freno	2	150,00
1.01.0193.0	Coliza juego lateral	8	300,00
0639.0)	Resorte suspensión	2 (Jgos)	700,00
0640.0)			
			8 23.691,31

~~TRAINMET~~
LUIS CARRAL
REPRESENTANTE

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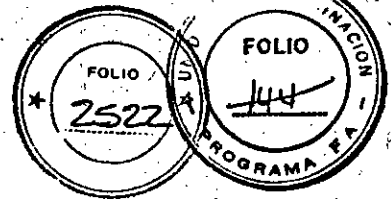
[Handwritten signature]

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PASCUAL N. MACIA
PRESIDENTE

Cooperativa de Trabajo Ferroviaria Taller Pérez Ltda.

Resolución del I.N.A.C. N° 193 . Matrícula 15087 .

AV. RUTA 33 Y MITRE
Tel. (041) 950265 - Fax (041) 951103
(2121) PEREZ



ANEXO TECNICO N° 6

ANEXO

Tareas necesarias para cumplimentar "Observaciones en Anexo Técnico N° 1".

LOC, GT.22 OW -N° 9023

- 1) Colocación de 6 cojinetes de biela superior e inferior.-
- 2) Colocación de 3 cojinetes de bancada.-
- 3) Extracción y colocación de collar de empuje.-
- 4) Recambio de 12 cojinetes suspensión de M.T.-
- 5) Recambio de 12 mechas de lubricación.-
- 6) Cambio de 3 pifones de motores de tracción.-
- 7) Cambio de 1 juego coliza suspensión de bogies.-
- 8) Cambio de 2 placas centro de bogies.-
- 9) Cambio de 4 amortiguadores de suspensión.-
- 10) Cambio de 2 ganchos de tracción.-
- 11) Cambio de 2 engranes de tornillos.-
- 12) Desmontaje de 4 vientos y reposición de 4 vientos.-
- 13) Reposición de 2 rotores.-
- 14) Reconstrucción de 2 gabinetes.-
- 15) Recambio de 8 rotores juego lateral.-
- 16) Recambio de 1 juego de parte de suspensión.-

TRAINMET.

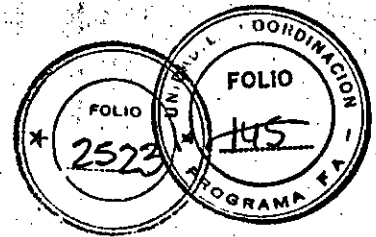
LUIS CARRAL
REPRESENTANTE

PASCUAL N. MACIÁ
PRESIDENTE

Cooperativa de Trabajo Ferroviaria Taller Pérez Ltda.

Resolución del I.N.A.C. N° 193 . Matrícula 15087 .

RUTA 33 Y MITRE
Tel. (041) 950255 - Fax (041) 951103
(2121) PEREZ



ANEXO

ANEXO TECNICO N° 6

Tareas necesarias para cumplimentar "Observaciones en Anexo Técnico N°1":-

Loc. G.T.22 CW. N° 9028

- 1) Colocación de 5 cojinetes de biela superior e inferior.-
- 2) Colocación de 3 cojinetes de bancada.-
- 3) Extracción y colocación de collar de empuje.-
- 4) Recambio de 12 cojinetes suspensión de M.T.-
- 5) Recambio de 12 mechas de lubricación.-
- 6) Cambio de 3 pifones de motores de tracción.-
- 7) Cambio de 1 juego coliza suspensión de bogies.-
- 8) Cambio de 2 placas centro de bogies.-
- 9) Cambio de 4 amortiguadores de suspensión.-
- 10) Cambio de 2 ejes de tracción.-
- 11) Cambio de 2 ejes de tracción.-
- 12) Colocación de amortiguadores, respaldos, mismo.-
- 13) Reposición de amortiguadores.-
- 14) Reconstrucción culata y piso de cabina.-
- 15) Colocación de 2 mangas de freno.-
- 16) Recambio de 8 colizas juego lateral.-
- 17) Recambio de 1 juego resorte de suspensión.-

TRAINME

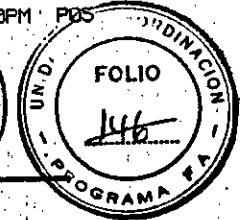
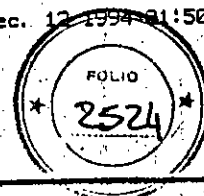
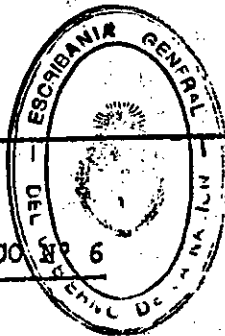
LUIS CARLOS
REPRESENTANTE

PASCUAL N. MACIÁ
PRESIDENTE

Taller Pérez Ltda.

Resolución del I.N.A.C. N° 103, Matrícula 18087.

RUTA 38 Y MITRE
Tel. (041) 950255 - Fax (041) 951103
(2121) PEREZ



ANEXO TECNICO N° 6

ANEXO

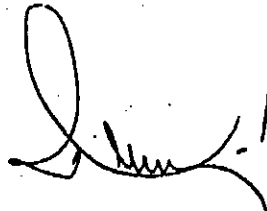
Tareas necesarias para cumplimentar "Observaciones en Anexo Técnico N°1".-

Loc. G.T.22 CW.- N° 9035

- 1) Colocación de 5 cojinetes de biela superior e inferior.-
- 2) Colocación de 3 cojinetes de bancada.-
- 3) Extracción y colocación de collar de empuje.-
- 4) Recambio de 12 cojinetes suspensión de M.T.-
- 5) Recambio de 12 mechas de lubricación.-
- 6) Cambio de 3 piñones de motores de tracción.-
- 7) Cambio de 1 juego de ejes de los bogies.-
- 8) Cambio de 2 placas de los bogies.-
- 9) Cambio de 4 amortiguadores de suspensión.-
- 10) Cambio de 2 ganchos de los ejes de los bogies.-
- 11) Cambio de 2 engranajes de los ejes de los bogies.-
- 12) Desmontaje de los ejes de los bogies para reposición.-
- 13) Colocación de 1 eje giratorio y 2 respaldos.-
- 14) Colocación de 1 eje rebatible.-
- 15) Colocación de 2 apoyos brazos.-
- 16) Reconstrucción cubierta piso de cabina.-
- 17) Colocación de 2 mangas de freno.-
- 18) Recambio de 8 colizas juego lateral.-

TRAINMET

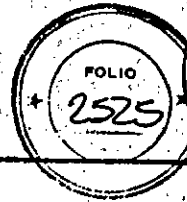

LUIS CARRAL
REPRESENTANTE


PASCUAL N. MACIÁ
PRESIDENTE

Cooperativa de Trabajo Ferroviaria Taller Pérez Ltda.

Resolución del L.N.A.C. N° 193 . Matrícula 15087 .

RUTA 33 Y MITRE
Tel. (041) 950255 - Fax (041) 951103
(2121) PEREZ



ANEXO

ANEXO TECNICO N° 6

Tareas necesarias para cumplimentar "Observaciones en Anexo Técnico N° 1".

Loc. G.T.22 CW.- N° 9038

- 1) Colocación de 6 cojinetes de biela superior e inferior.-
- 2) Recambio de 12 cojinetes suspensión de M.T.-
- 3) Recambio de 12 mechas lubricación.-
- 4) Cambio de 3 pifones de motores de tracción.-
- 5) Recambio de 1 juego colizas suspensión de bogies.-
- 6) Recambio de 2 placas centro de bogies.-
- 7) Recambio de 4 amortiguadores de suspensión.-
- 8) Recambio de 2 garras centrales de tracción.-
- 9) Recambio de 2 engranajes centrales de tracción.-

TRAINMET

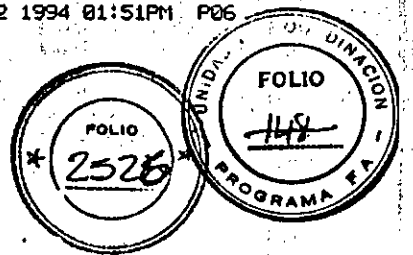
**LUIS CARRAL
REPRESENTANTE**

**RASCUAL N. MACIA
PRESIDENTE**

Cooperativa de Trabajo Ferroviaria Taller Pérez Ltda.

Resolución del I.N.A.C. N° 193, Matrícula 15087.

RUTA 33 Y MITRE
Tel. (041) 950265 - Fax (041) 951103
(2121) PEREZ



ANEXO TECNICO N° 6

ANEXO

Tareas necesarias para cumplimentar Observaciones en Anexo Técnico N° 1.-

100. 01. 22 CV - N° 9044

- 1) Colocación de 5 cojinetes de biela superior e inferior.-
- 2) Colocación de 3 cojinetes de bancada.-
- 3) Extracción y colocación de collar de empuje.-
- 4) Recambio de 12 cojinetes suspensión de M.T.-
- 5) Recambio de 12 mechas de lubricación.-
- 6) Cambio de 3 pifones de motores de tracción.-
- 7) Cambio de 1 juego de coliza suspensión de bogies.-
- 8) Cambio de 2 placas centro de bogies.-
- 9) Cambio de 4 amortiguadores de suspensión.-
- 10) Cambio de 2 ganchos centrales de tracción.-
- 11) Cambio de 2 engranes de transmisión.-
- 12) Desmontaje de 3 ventiladores y reposición de vidrio.-
- 13) Colocación de 1 amortiguador y 2 respaldos.-
- 14) Colocación general de los motores. Ajuste de balanceo de los motores de velocímetro.-
- 15) Colocación de 2 ventiladores.-
- 16) Reposición de 4 ventiladores.-
- 17) Reconstrucción de la cabina.-
- 18) Reposición de 2 manijas de freno.-
- 19) Recambio de 8 colizas juego lateral.-
- 20) Recambio de 2 juegos resortes de suspensión.-

TRAINMET

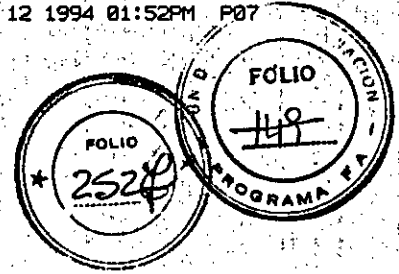
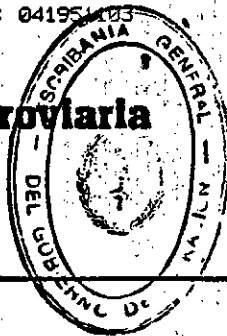
LUIS CARRAL
REPRESENTANTE

PASCUAL N. MACIA
PRESIDENTE

Cooperativa de Trabajo Ferroviaria Taller Pérez Ltda.

Resolución del I.N.A.C. N° 193 . Matrícula 15087 .

RUTA 33 Y MITRE
Tel. (041) 950265 - Fax (041) 951103
(2121) PEREZ



ANEXO

ANEXO TÉCNICO N° 6

Tareas necesarias para cumplimentar Observaciones en Anexo Técnico N° 18

IDC. G.T. 22 OW - N° 9092

- 1) Colocación de 6 cojinetes de biela superior e inferior.-
- 2) Colocación de 3 cojinetes de bancada.-
- 3) Extracción y colocación de collar de empuje.-
- 4) Recambio de 12 cojinetes suspensión de M.T.-
- 5) Recambio de 12 mechas de lubricación.-
- 6) Cambio de 3 pifones de motores de tracción.-
- 7) Cambio de 1 juego coliza suspensión de bogies.-
- 8) Cambio de 2 placas centro de bogies.-
- 9) Cambio de 4 amortiguadores de suspensión.-
- 10) Cambio de 2 ganchos centrales de tracción.-
- 11) Reemplazo de 1 sistema de frenos y 1 respaldo.-
- 12) Reposición de 1 amortiguador lateral.-
- 13) Reconstrucción carter de aceite de motor.-
- 14) Colocación de 2 manguitos de freno.-
- 15) Recambio de 8 cilindros de freno lateral.-
- 16) Cambio de 2 enganches centrales a tornillo.-

TRAINMET

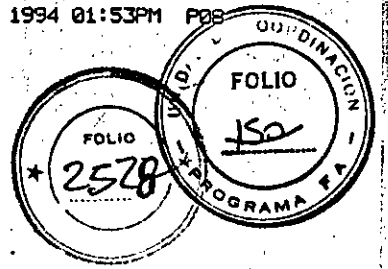
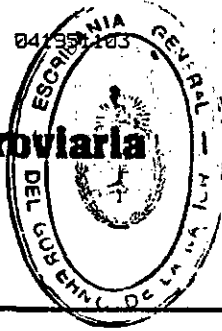
LUIS CARRAL
REPRESENTANTE

PASCUAL N. MACÍ
PRESIDENTE

Cooperativa de Trabajo Ferroviaria Taller Pérez Ltda.

Resolución del I.N.A.C. N° 193 . Matrícula 15087 .

RUTA 33 Y MITRE
Tel. (041) 950255 - Fax (041) 951103
(2121) PÉREZ



ANEXO TÉCNICO N° 6

ANEXO

Tareas necesarias para cumplimentar "Observaciones en Anexo Técnico N° 1".-

IOCT. G.T. 22 CM - N° 9094

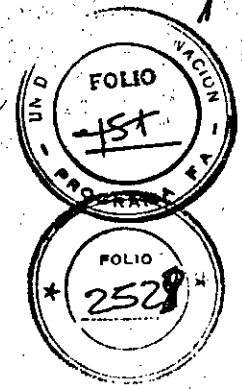
- 1) Colocación de 6 cojinetes de biela superior e inferior.-
- 2) Colocación de 3 cojinetes de bancada.-
- 3) Extracción y colocación de collar de empuje.-
- 4) Recambio de 12 cojinetes suspensión de M.T.-
- 5) Recambio de 12 mechas de lubricación.-
- 6) Cambio de 3 pifones de motores de tracción.-
- 7) Cambio de 1 juego coliza suspensión de bogies.-
- 8) Cambio de 2 placas centro de bogies.-
- 9) Cambio de 4 amortiguadores de suspensión.-
- 10) Cambio de 2 gancho de tracción.-
- 11) Cambio de 2 enganches de tracción a tornillo.-
- 12) Colocación de 2 arandelas de apoyo con sus respectivos tornillos.-
- 13) Reposición de 4 varillas.-
- 14) Reconstrucción de la parte inferior del eje.-
- 15) Colocación 2 manguitos de freno.-
- 16) Recambio de 8 cuerdas de cable lateral.-
- 17) Recambio de 2 juegos de resortes de suspensión.-

TRAINMET

[Signature]
LUIS CARRAL
REPRESENTANTE

[Signature]
PASCUAL N. MACÍ
PRESIDENTE

OBSERVACIONES EN ANEXO TECNICO N° 1

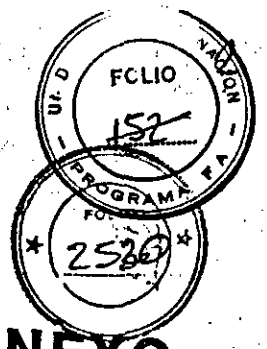
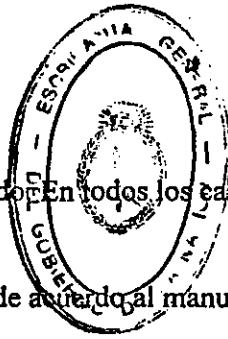


ANEXO

- 9.2 Agregar:
Cambio de cojinetes de biela y de bancada Bancada
Reemplazar de collar de empuje
Controlar según manual del motor sección 5°
- 9.3 Reemplazar elementos s/ kit de reparación completo.
- 9.3.6 Control de inyectores s/manual de mantenimiento del motor capitulo 10.
- 9.4 Agregar:
"Cambiar elementos s/necesidades".
- 9.5.2 Inspeccionar elementos s/manual del motor sección 2 paginas 12 a 18 y datos de servicio pagina D5-2-3.
- 9.5.3 Agregar:
"Cambiar ajustador hidraulico".
- 9.7.3. Agregar:
"Con cambio de empaquetadura"
- 9.9 Debe decir "cambiar conjunto de fuerza por uno nuevo o reacondicionado según secciones 2-3 y 4 del manual del motor.
- 9.10 Agregar una nota diciendo:
"Las tareas se realizaran según el MI 167 y sección 11 del manual del motor".
- 9.11.3 Agregar:
"Y elementos del kit de reparación".
- 9.11 Agregar:
"Las tareas se realizaran según sección 9 del manual del motor".
- 9.13.3 Agregar:
"Y kit de reparación".
Nota: Las tareas se realizan según el MI 259/260.
- 9.15 Agregar:
"Las tareas se realizaran s/ MI 926".
- 10 Reemplazar la descripción de tareas por la siguiente: "Efectuar la reparación y probar de acuerdo al MI 1100 "

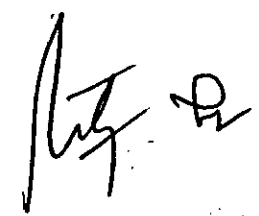
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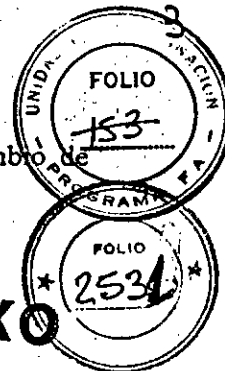
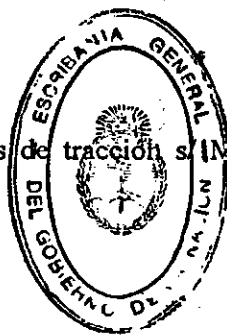


ANEXO

- 11 No se acepta el rellenado y maquinador. En todos los casos cambiar bujes de goma.
- 12 Agregar:
"Las tareas se realizaran en un todo de acuerdo al manual Whestinghouse".
- 13.1 Cambiando los elementos necesarios
- 17 Reemplazar la descripción de tareas por "Reparar radiadores s/ MI 549".
- 18 Agregar:
"Las tareas responderán al MI 927."
- 26.4 No se aceptan reparados.
- 26.6 Agregar:
"Cambiar placas de desgaste. No se aceptan reparados".
- 27.3 No se aceptan reparados.
- 31 Agregar una nota:
"Todas las tareas responderán a los MI 3612 y 3706".
- 31.1.20 Agregar:
(Cambiar acoples de goma).
- 31.2 Agregar al final:
"Las tareas se realizaran según MI 4110".
- 31.2.8 Agregar:
(Cambiar acople elástico).
- 31.3 Agregar al final:
Nota: Ensayar según sección 13 del manual del motor.
- 31.5 Agregar al final:
Nota: Todas las tareas responderán al MI 4102.
- 31.6 Reemplazar baterías.
- 31.7 Agregar:
Todas las tareas s/ MI 4704 y 4707.
- 31.7.1 Agregar:
(Cambiar retenes).
- 31.8 Reemplazar la descripción de tareas por:


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Reparación integral de los motores de tracción s/MI 3900 y 3950, incluido cambio de cojinetes, lubricadores y piñones.

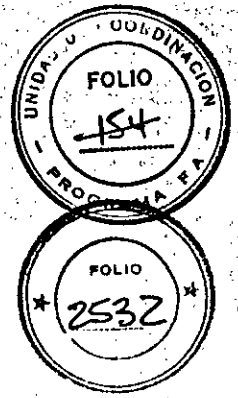
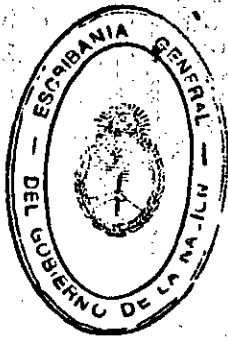


ANEXO

- 31.10.1 Agregar:
"Según MI 4907"
- 31.10.2 Agregar:
"Según MI 5386 y 5387"
- 31.10.3 Debe decir:
"Inspección de funcionamiento, cambio de contactos según necesidad, reparación de apaga arcos, ajustar y calibrar contactores y relays según MI 5300, 5323, 5352, 5355, 5364, 5373, 5377, 5411, 5424".
- 31.10.6 Inspección, calibración ajustes necesarios de todos los paneles sensores, RCP, SBP, TRP, WSC, IDAC, etc. (ver MI 5353).
- 31.10.7.1 Agregar:
"Según MI 4522".
- 31.10.4 Debe decir:
"Inspección y calibración de todas las resistencias y reostatos".
- 31.11 Debe decir:
Inspeccionar y reacondicionar según MI 4505 y 4506.
- 31.12 Agregar al final:
Nota: Todas las tareas s/MI 3306
- 31.12.3 Controlar fusibles y diodos. Retirar, lavar los aceptables y reemplazar los quemados.
- 31.12.5 Agregar:
" Y reacondicionarlos s/ necesidad ".
- 31.12.11 Agregar:
"Cambiando burletes".
- 33 Agregar al comienzo:
"Todas las tareas se realizaran de acuerdo al MI 1505".
- 33.7 No se aceptan repuestos eventuales.
- 33.8 No se aceptan tareas eventuales.
- 33.9 No se aceptan tareas eventuales.
- 33.10 No se aceptan tareas eventuales.

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ANEXO

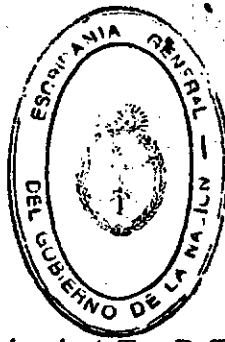
- 33.12 Debe decir:
Cambio de amortiguador.
- 33.13 Agregar:
Reparar cajas averiadas s/MI 1520.
- 33.19 No corresponde.
- 36.1 Debe decir cambio de aceite.
- 36.4 Agregar :
Prueba de aislacion según MI 6825.

ITEMS A AGREGAR

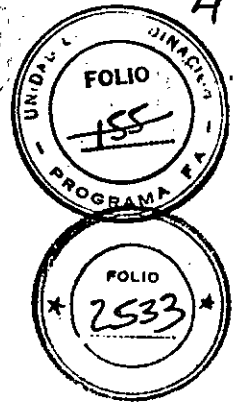
- A) Retorque de bulones de anclaje de Motor Diesel y de unión entre block y cárter.
- B) Desarmar, limpiar y reacondicionar separador de aceite.
- C) Reacondicionar y calibrar dispositivo de corte del compresor y sistema de baja presión del compresor.
- D) Limpiar y calibrar válvulas de seguridad.
- E) Controlar sistema de iluminación (cambiar lamparas y artefactos s/ necesidad).
- F) Calificar y cambiar s/ necesidad placas de desgaste.
- G) Inspeccionar y calificar rectificadores s/ MI 6905 y 9109.
- H) Inspeccionar y reacondicionar controller s/ MI 4334.
- I) Reacondicionar interruptores electroneumaticos (MI 5502).
- J) Cambiar burlete puerta de gabinete y filtro de aire. Controlar y obtener presurización de gabinete de control.
- K) Reacondicionar o reponer:
 - Asientos.
 - Apoyabrazos.
 - Ventanillas.
 - Vidrios.
 - Desempañadores.

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- Piso Cabina.
- Parasoles.
- Accionamiento de bocinas.
- Velocímetro.
- Visera.



ANEXO

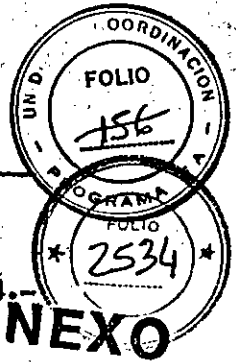
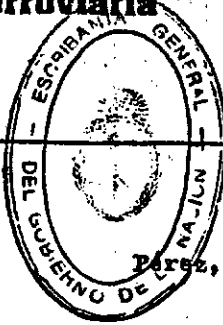


- L) Inspección, calificación y reemplazo de cables de A.T. y B. T. s/ necesidad.
- LL) Reemplazar sellos de goma de los acoples flexibles tipo Marman.
- M) Reemplazar bujes de goma del impulsor de auxiliares.
- N) Reemplazo total de mangas.
- Ñ) Reemplazo total de filtros de aceite, combustible y aire.
- O) Control y reemplazo según necesidad, de placas de desgaste de acero y fenolicas.
- P) Control de alineación de bastidor de bogie.
- Q) Calificación y eventual reemplazo de resortes de suspensión.
- R) Calificación y reemplazo s/ necesidad conductos flexibles de ventilación M.T.
- S) Control de rodamientos de punta de ejes.
- T) Control de adaptadores de rodamiento punta de eje y eventual reemplazo de placas.
- U) Recuperar sistema de areneros (depósitos mangas y trampas).
- V) Reacondicionar transmisor velocímetro s/ MI 2130.
- W) Inspección de bastidor de bogie y mesas, a fin de detectar y reacondicionar miembros rotos o fisurados, secciones deformadas, puntos de desgaste, agujeros elongados o sobre medida, roscas mutiladas, espárragos rotos o deformados y piezas faltantes.

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**Cooperativa de Trabajo Ferroviaria
Taller Pérez Ltda.**

Resolución del I.N.A.O. N° 103 . Matrícula 18067 .
RUTA 33 Y MITRE
Tel. (041) 950256 - Fax (041) 951103
(2121) PEREZ



Pérez, Setiembre 13 de 1994.-

ANEXO

Señor
TRAINMET S.A.
Avda. Santa Fe N° 4636
CAPITAL FEDERAL.-

Asunto: PRESUPUESTO PARA LA REHABILITACION BAJO CONDICIONES DE NUMERAL 3RA. DE L.D.M. GENERAL MOTORS GT.22-OW. DEPOSITADAS EN TALLER PEREZ.-

Refiérese a solicitud de elaboración y presentación del tema del título, efectuada por representante de esa Empresa Sr. Molinari.-

Al respecto, adjunto los Exptes. (261 folios) conformado con los presupuestos de los trabajos elegidos en inspección que realizamos conjuntamente con la representación de esa Empresa con representantes de la Unidad de Coordinación del Programa de Reestructuración Ferroviaria durante su estadía en el Taller en Agosto p.pdo.

El total de unidades de reparación de 12 unidades, pero entre ellas se encuentra la N° 9011 de reparación accidental, pactada oportunamente con F.A.M.

El trabajo elaborado trata para cada unidad los siguientes ítems:

- Anexo Técnico N°1 : Tareas básicas -(Numeral 3ra.)
- Anexo Técnico N°2 : Materiales básicos(" ")
- Anexo Técnico N°3 : Tareas adicionales (según estado que presenta la unidad)
- Anexo Técnico N°4 : Materiales adicionales (Ídem)

No están contempladas las tareas y materiales / extraordinarios que podrían surgir del control de partes, desarme de conjuntos que en primera inspección aparecen como normales.-

Cabe aclarar que esta Cooperativa se encuentra en condiciones de asumir la responsabilidad de rehabilitar las unidades tratadas, bajo pautas a establecer.-

Sin otro particular y en aguardo de resolución // que se adopte al respecto, quedamos a su disposición para toda aclaración y/ o ampliación que fuera menester.-

Lo saluda muy atentamente.-

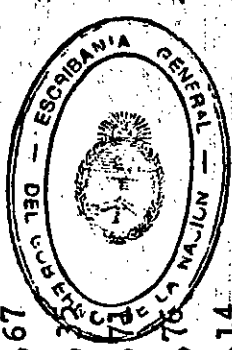
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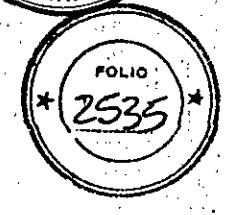
PASCUAL N. MACIA
PRESIDENTE

PRESUPUESTO REPARACION NUMERAL 3 - IOCTS. D.E. GENERAL MOTORS GT.22 - CW. EN TALLER PEREZ

IOCT:	TAREAS BASICAS	MAT. BÁSICOS	TAREAS ADIC.	MAT. ADICION.	T O T A L
9023	83.174, 81	21.580, 23	7.063, 30	23.988, 87	135.807, 21
9028	83.174, 81	21.580, 23	40.722, 27	73.281, 85	218.759, 16
9029	83.174, 81	21.580, 23	49.203, 03	120.324, 20	274.282, 27
9035	83.174, 81	21.580, 23	6.311, 83	30.822, 21	141.889, 08
9038	83.174, 81	21.580, 23	2.835, 66	10.024, 97	117.615, 67
9039	83.174, 81	21.580, 23	64.556, 13	136.144, 18	305.455, 73
9040	83.174, 81	21.580, 23	74.694, 05	142.866, 62	322.315, 71
9044	83.174, 81	21.580, 23	50.494, 64	74.761, 08	230.010, 76
9090	83.174, 81	21.580, 23	74.818, 33	94.964, 77	274.538, 14
9092	83.174, 81	21.580, 23	5.531, 99	32.808, 57	143.095, 60
9094	83.174, 81	21.580, 23	48.423, 19	105.043, 76	258.221, 99



ANEXO

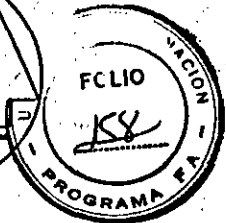
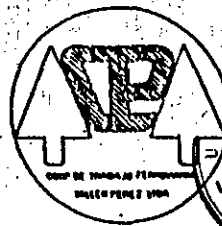
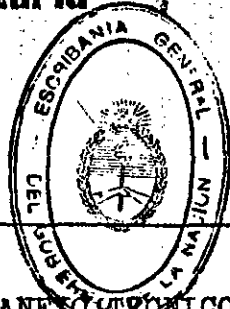


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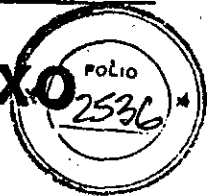
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ANEXO TECNICO N°1

ANEXO



LOCOMOTORAS GENERAL MOTORS G.T.22.C.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies ; sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
- 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyector, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
- 4 - 2: Desmontar conjunto de fuerza.-
- 4 - 3: Desmontaje gobernador de velocidad del M/D.
- 4 - 4: " bombas de agua.-
- 4 - 5: " garganta del turbo.-
- 4 - 6: " detect. de B/Pre. agua y pres. posit. cárter.-
- 4 - 7: Desmontaje compresor y cardan de acople al M/D.
- 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
- 4 - 9: Desmontar rejilla-persianas y radiadores.-
- 4 - 10: " el pos-enfriador.-
- 4 - 11: " intercambiador de calor.-
- 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
- 4 - 13: Desmontar aparatos de tracción y choque.-
- 4 - 14: " instrum. de control (manómetros y vacuómetros)
- 4 - 15: " Gen. Aux. y ventilad. de M/D.
- 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
- 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
- 4 - 18: Desmontar baterías de acumuladores.-
- 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a o/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañería, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de alta y baja en sala de máquina y Bastidor.-

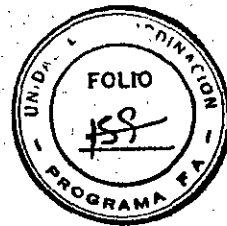
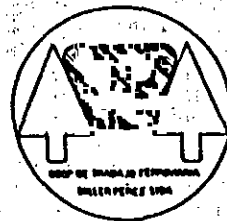
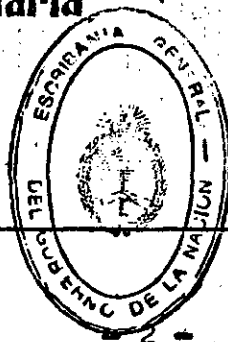
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Anexo Técnico N°1
Locts. G/M.GT.22.0W.

...//(Cont.)

9 - MOTOR DIESEL:

9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-

9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

9-3-1: Desarmar y limpiar inyectores.-

9-3-2: Inspeccionar elementos bombeantes.-

9-3-3: Rectificar aguja y asentar a tobera.-

9-3-4: Controlar funcionamiento cremalleras.-

9-3-5: Reemplazar elementos filtrantes y juntas.-

9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCINES:

9-4-1: Desarmar y limpiar.-

9-4-2: Controlar bujes, pernos y caños lubricación.-

9-4-3: Armar.-

9 - 5: PUNTES DE VALVULAS:

9-5-1: Desarmar y limpiar.-

9-5-2: Inspeccionar elementos.-

9-5-3: Armar botadores y controlar en banco de pruebas.-

9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

9-6-1: Limpiar y controlar.-

9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

9-7-1: Limpiar.-

9-7-2: Asentar aguja.-

9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

9-9-1: Desmontar culata de cilindro.-

9-9-2: " biela y pistón.-

9-9-3: Limpiar y descarbonizar.-

9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-

9-9-5: " alineación de bielas.-

9-9-6: " dimensional de canasta de biela, cilindro y pistón.-

9-9-7: Bruñir cilindros.-

9-9-8: Desarmar cabezas de cilindros.-

9-9-9: Descarbonizar y lavar.-

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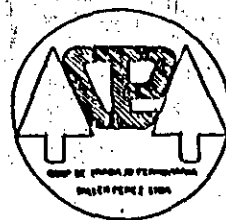
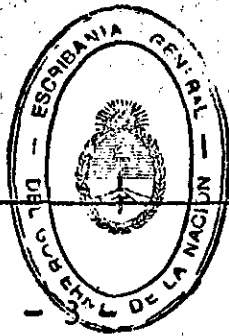
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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

...///(Cont.)

Proviene de Con. de Fuerza/



- 9-9-10 : Controlar huelgo e/válv. y guías.-
- 9-9-11 : Rectificar válv. y asientos.-
- 9-9-12 : Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 : Efectuar prueba hidráulica.-

9 - 10 : REGULADOR M/D.-:

- 9-10-1 Desarmar y limpiar.-
- 9-10-2 : Inspeccionar elementos.-
- 9-10-3 : Reemplazar diafragmas y juntas.-
- 9-10-4 : Armar y controlar en banco de pruebas.-

9 - 11 : BOMBA DE AGUA:

- 9-11-1 : Desarmar y limpiar.-
- 9-11-2 : Inspeccionar elementos.-
- 9-11-3 : Cambiar sello.-
- 9-11-4 : Armar y probar caudal.-

9 - 12 : GARGANTA DE TURBO:

- 9-12-1 : Descarbonizar y limpiar.-
- 9-12-2 : Inspeccionar en Magnaflux.-

9 - 13 : DETECTOR DE F/POSITIVA Y B/P.ACEITE:

- 9-13-1 : Desarmar y limpiar.-
- 9-13-2 : Inspeccionar elementos.-
- 9-13-3 : Reemplazar diafragmas y juntas.-
- 9-13-4 : Armar y controlar en banco de pruebas.-

9 - 14 : INSPECTOSIATO:

- 9-14-1 : Desarmar y limpiar.-
- 9-14-2 : Inspeccionar elementos.-
- 9-14-3 : Armar y ensayar en banco de pruebas.-

9 - 15 : VALVULA ALIVIO F/ACEITE:

- 9-15-1 : Desarmar y limpiar.-
- 9-15-2 : Inspeccionar elementos.-
- 9-15-3 : Armar, calibrar y controlar funcionamiento

9 - 16 : VALVULA 10 Y 60 LBS.:

- 9-16-1 : Desarmar y limpiar.-
- 9-16-2 : Controlar elementos.-
- 9-16-3 : Armar y efectuar prueba.-

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- 3/4 -

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REPRESENTANTE

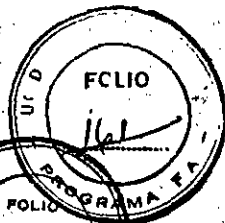
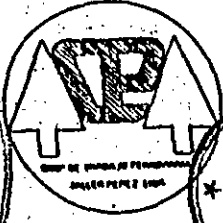
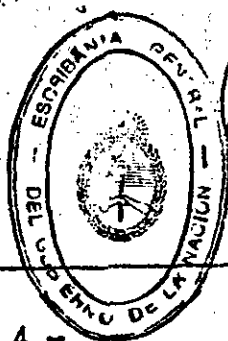


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Cooperativa de Trabajo Ferrovial Taller Perez Ltda.

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2121 PEREZ



Anexo Técnico N°1
Locs. G. Motores GT. 22.0W

...////(Cont.)

- 4 -

ANEXO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.-
- 9-17-2: Efectuar prueba neumática.-
- 9-17-3: Acondicionar vidrios niveles.-
- 9-17-4: Pintar.-

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.-
- 10 - 2: Desarme integral del compresor.-
- 10 - 3: Limpieza de todos sus componentes.-
- 10 - 4: Desmontar rodamientos.-
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.-
- 10 - 6: Rectificado de cigüeñal.-
- 10 - 7: " " cilindros.-
- 10 - 8: Control alineación de bielas.-
- 10 - 9: Inspección de rodamientos.-
- 10 - 10: Reparación integral bomba de aceite.-
- 10 - 11: Desarme y rep. válv. admisión y escape.-
- 10 - 12: " y limpieza y reparac. del radiad. compresor.-
- 10 - 13: Reemplazo de juntas, retenes, etc.-
- 10 - 14: Armado.-
- 10 - 15: Ensayo en banco de pruebas.-
- 10 - 16: Pintura.-

11 - CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinado alojamientos silemblocks.-
- 11 - 2: Controlar alineación y balanceo.-

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.-
- 12 - 2: Inspeccionar elementos.-
- 12 - 3: Cambiar aros "O", juntas y diafragmas.-
- 12 - 4: Armar y probar.-

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.-
- 13 - 2: Probar funcionamiento.-

14 - DEPOSITOS AIRE:

- 14 - 1: Limpiar y efectuar prueba neumática.-

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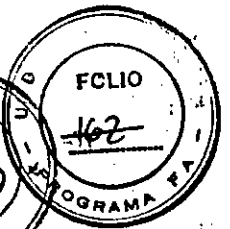
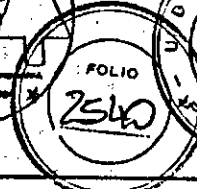
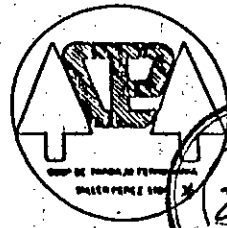
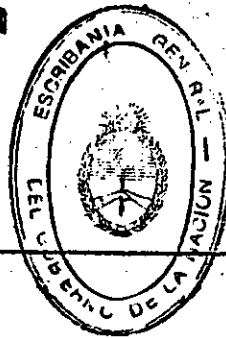
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ANEXO

- 15 - REJILLA RADIADORES:
- 15 - 1: Limpiar e inspeccionar.-

- 16 - PERSIANAS:
- 16-1: Desarmar y limpiar.-
- 16-2: Inspeccionar.-
- 16-3: Armar.-

- 17 - RADIADORES:
- 17 - 1: Desarmar y limpiar.-
- 17 - 2: Baquetear.-
- 17 - 3: Realizar prueba hidráulica.-
- 17 - 4: Inspeccionar.-
- 17 - 5: Armar, y realizar prueba hidráulica.-
- 17 - 6: Peinar.-

- 18 - INTERCAMBIADOR DE CALOR:
- 18 - 1: Desarmar y limpiar.-
- 18 - 2: Inspeccionar.-
- 18 - 3: Armar y realizar prueba hidráulica.-

- 19 - POST-ENFRIADOR:
- 19 - 1: Desarmar y limpiar.-
- 19 - 2: Inspeccionar.-
- 19 - 3: Armar y realizar prueba hidráulica.-

- 20 - REJILLAS^Y PROTECTORES:
- 20 - 1: Limpiar e inspeccionar.-
- 20 - 2: Reparar.-

- 21 - FILTROS INERCIALES:
- 21 - 1: Limpiar e inspeccionar.-
- 21 - 2: Controlar manga acople a soplador.-

- 22 - FILTROS DE ACEITE:
- 22 - 1: Desarmar y limpiar filtros caja de coladores.-
- 22 - 2: Cambiar filtros de tambor, pre-lubricación y turbo.-
- 22 - 3: " juntas.-

- 23 - CABEZA FILTRO TURBO:
- 23 - 1: Desarmar y limpiar.-
- 23 - 2: Inspeccionar elementos.-
- 23 - 3: Armar y probar.-

- 24 - CABEZA VASOS VISORES:
- 24 - 1: Desarmar y limpiar.-
- 24 - 2: Armar.-

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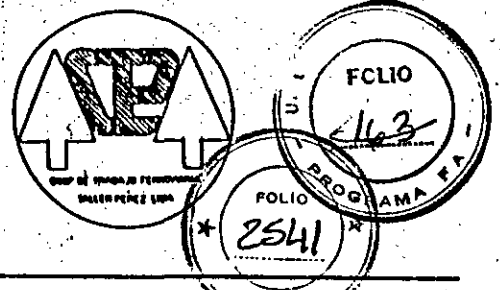
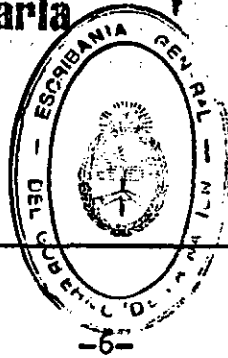
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25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

ANEXO

26 - GANCHOS CENTRALES:

- 26 - 1: Desarmar ganchos.-
- 26 - 2: Limpiar y arenar ganchos.-
- 26 - 3: Inspeccionar fisuras y rosca.-
- 26 - 4: Rellenado y normalizado.-
- 26 - 5: Maquinado.-
- 26 - 6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc. de rosca, chavetas y fisuras.-
- 27 - 3: Reparac. y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLPES:

- 28 - 1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATOS:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 - 1: Desarmar, limpiar y armar.-
- 30 - 2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar:

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Descnec. Gen. Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen. Aux.
- 31-1-6: Controlar alabes de turbina sopladora.-

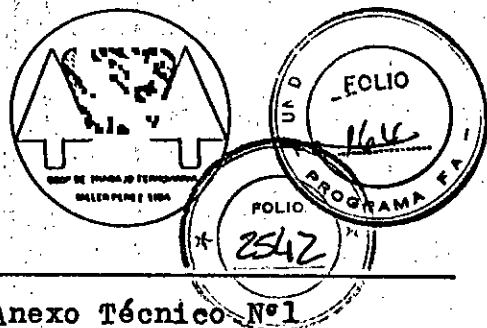
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Proviene de Gen.Auxiliar(Parte Eléct.)

ANEXO

- 31-1-7: Controlar balanceado turbina.-
- 31-1-8: " bases de Gen.Aux.(Agujeros bases sujeción M/D.Motor eléct.carcaza)
Controlar manchón de acople.-
- 31-1-9 : Desarmar y lavar gen.auxiliar.-
- 31-1-10: Controlar eléctricamente carcaza e inducido.-
- 31-1-11: Revisión de rodamientos(cambio de grasa).-
- 31-1-12: Tornear, ranurar y biselar colector.-
- 31-1-13: Normalizar portaescobillas y cambio escobillas.-
- 31-1-14: Armado Gen.Aux.-
- 31-1-15: Ensamble de carcaza turbina al G.A.-
- 31-1-16: Verificar aislación en general.-
- 31-1-17: Montar en loct.
- 31-1-18: Con reloj comparador, alinear.-
- 31-1-19: Acoplar fuelles de ventilación.-
- 31-1-20: Colocar acople flexible e/cardan y auxiliar.-
- 31-1-21: Conectar eléctricamente.-
- 31-1-22: Colocar tapas post.e/M/D.y sala presurizada.-
- 31 - 2 : Bombas combustible y prelubricación.-
 - 31-2-1 : Desconectar y desmontar bombas.-
 - 31-2-2 : Desarmar bombas.-
 - 31-2-3 : Lavar con solvente.-
 - 31-2-4 : Controlar rodamientos y eje.-
 - 31-2-5 : " bobinados de campos e inducidos.-
 - 31-2-6 : Tornear colector, ranurar y biselar.-
 - 31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.
 - 31-2-8 : Armar y pintar bombas.-
 - 31-2-9 : Controlar funcionamiento , aislación y caudal.-
 - 31-2-10: Montar en locomotora.-
 - 31-2-11: Conectar.-
- 31 - 3 : MOTORES DE ARRANQUE-
 - 31-3-1 : Desconectar y desmontar.-
 - 31-3-2 : Desarmar y lavar.-
 - 31-3-3 : Control de aislación e/campo y masa de carcaza.-
 - 31-3-4 : Controlar eje estriado.-
 - 31-3-5 : " eléctricamente inducido y campos.-
 - 31-3-6 : Cambio de bujes y control Bendix.-
 - 31-3-7 : Controlar placa conjunto portaescobillas.-
 - 31-3-8 : Tornear, ranurar, biselar colector.-
 - 31-3-9 : Cambio de escobillas.-
 - 31-3-10: Armar, controlar funcionamiento y aislación.-
 - 31-3-11: Montar y conectar.-

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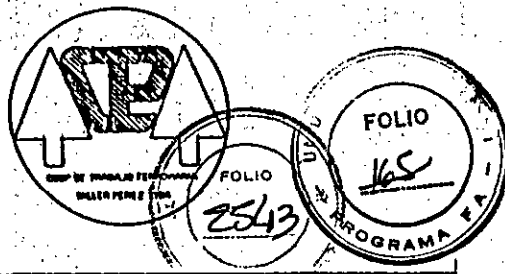
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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar.-
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Torneear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en loct.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6 : B A T E R I A S.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y conexión.-

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

31 - 8 : MOTOR DE TRACCIÓN:

- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos, conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa c/métodos adecuados a c/caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.-
- 31-8-6 : TRAINMET controlar bandas.-

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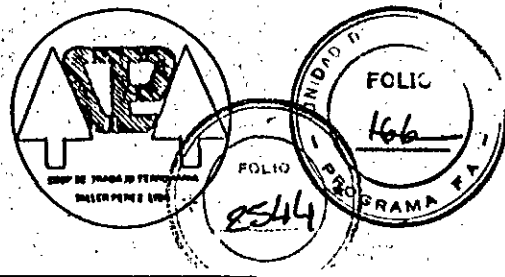
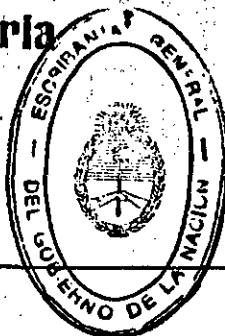
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Proviene de Motor de Tracción/

ANEXO

- 31-8-7 : Controlar ovalización del colector.-
- 31-8-8 : Tornear, biselar y ranurar inducido.-
- 31-8-9 : Controlar dimensiones en carcasa, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12: Rearmado completo, colocación de escobillas nuevas

- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

31 - 9 : MOTOR SOPLADOR DE FILTROS INERCIALES:

- 31-9-1 : Inspecc. visual de funcionamiento y control de rodamiento.-
- 31-9-2 : Ensayo de aislación.-

31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:

- 31-10-1: Inspecc. visual de funcionam. y conecciones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
- 31-10-2: Inspección visual de funcionamiento y conecciones de todos los relevadores en gral.-
- 31-10-3: Inspecc. visual de funcionam. y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
- 31-10-4: Inspección visual de todas las resistencias y reostatos.-
- 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadores, etc.)
- 31-10-6: Inspecc. visual de coneccionado panel ROP, SBP. y TRP. panel sensor y de patinaje WSC).-
- 31-10-7: Desconectar y desmontar reg. carga de batería.-
- 31-10-7-1: Control de ajuste en banco de prueba.-
- 31-10-7-2: Montaje y conexión sobre locomotora.-

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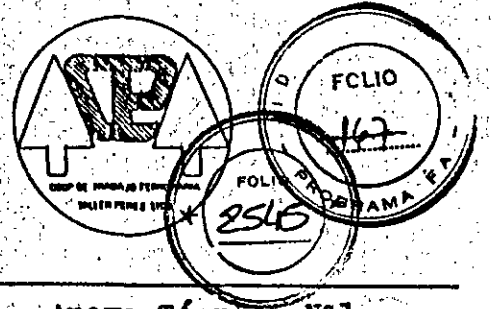
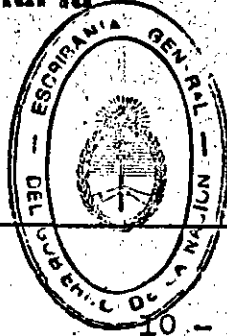
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Locs. G. Motors GT.22.0W

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31 - 11 - REGULADOR DE CARGA L.R.;

ANEXO

31-11-1 : Inspecc.de funcionam.superf.de contacto,
valor ohms,escobillas y conexiones.-

31 - 12 : ALTERNADOR ARIO - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext.rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext.rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob.en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - : BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-

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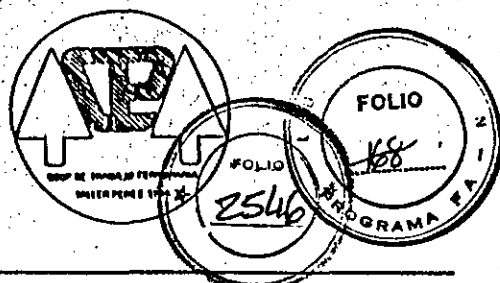
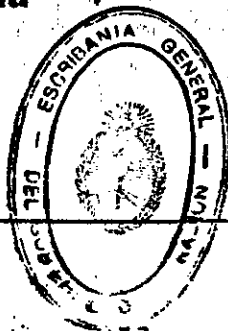
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ANEXO

Proviene de Bogies/

- 33 - 2 :Control estanqueidad y funcionamiento del equipo de freno en bogie. Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 :Desmontaje timonería de freno y ejes.-
- 33 - 4 :Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 :Cajas punta de eje:revisión y engrase total,desmontaje,control y montaje de rodamientos.-
- 33 - 6 :Reemplazo de colizas del pedestal.-
- 33 - 7 :Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descritas por el fabric.serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 :Controlar suspensión de nariz de Mot.de Tracc. controlar estado de los topes en el bogie(en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 :Controlar el bastidor y viga "Bolster" con tintas penetrantes,soldaduras,de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long.los trabajos se considerarán eventuales.-
- 33 - 10 :Controlar posibles desgastes en el pendular de suspensión, fijación al bastidor, apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm. se normalizarán p/soldadura.(de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos, las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 :Control de jgos.de palancas,colizad.,pernos correderas regulad. de freno,portazapatas,etc.-Encasquillado de la timonería de freno con total reemplazo de bujes,pernos,chavetas.-
- 33 - 12:Control de amortiguadores-Reemplazo de bujes de goma.-

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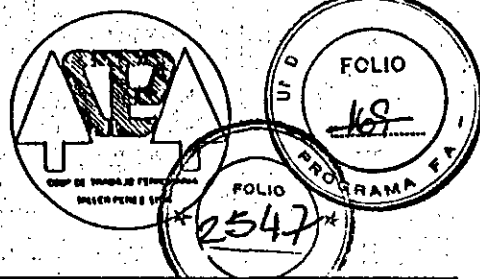
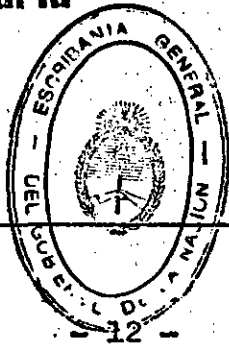
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ANEXO

- 33 - 13: Limpieza y control dimensional de cajas sobre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulación del vástago del cilindro de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cables de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador, Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-acople del cardan al M/D. y alineación.

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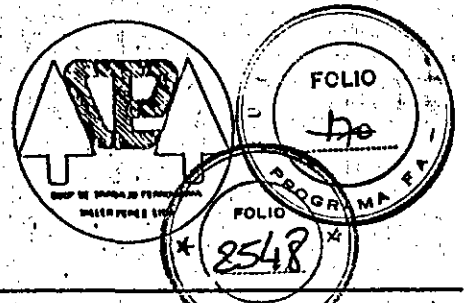
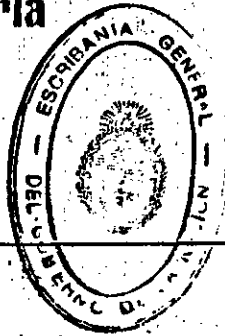
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ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conecc. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-
- 36 - : PUESTA EN MARCHA.-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loc. .
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

TRAINMET

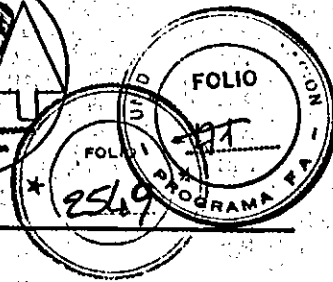
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ANEXO TECNICO N°2

ANEXO

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca espuchaf	12N°.-	8,33
.0129.0/	Elemento de filtro.-	24N°.-	34,56
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42
9006667000.0/	" retén de aceite.-	1N°.-	5,90
9006664000.0/	Guarnición.-	1N°.-	0,81
9006747000.0/	" anular.-	1N°.-	0,65
9006722000.0/	Guarnición.-	1N°.-	4,15
9006407000.0/	" de la tapa.-	1N°.-	12,32
9006587000.0/	Diafragma.-	1N°.-	10,89
9002817000.0/	Aro.-	2N°.-	0,99
9006618000.0/	"	1N°.-	0,55
9002793000.0/	"	4N°.-	2,20
9131505000.0/	Sello.-	1N°.-	9,50
8.888.90.1.989.0/	"	1N°.-	1,81
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02
.0403.0/	Sello de aceite.-	1N°.-	14,29
9006599000.0/	Guarnición.-	1N°.-	2,03
0.08.3.09.1229.0/	"	1N°.-	1,16
9006713000.0/	"	1N°.-	1,77
9006704000.0/	Sello anular.-	1N°.-	5,32
9006688000.0/	" "	1N°.-	4,36
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84
.0629.0/	Junta para lubricación.-	24N°.-	2,83
9131487000.0/	Elemento filtrante.-	7N°.-	270,62
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89
.0711.0/	Filtro blindado.-	2N°.-	29,82
.1443.0/	Sello.-	1N°.-	39,19
.0645.0/	Junta de vaso.-	2N°.-	0,87
.0735.0/	Aro "O".-	2N°.-	0,85
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54
9131197000.0/	Junta.-	2N°.-	11,16
9062580000.0/	"	2N°.-	3,20
9131171000.0/	Junta para codo.-	2N°.-	14,96
9131540000.0/	Junta para brida.-	2N°.-	3,19
9062880000.0/	" " "	2N°.-	6,16
9131197000.0/	Junta.-	1N°.-	2,79
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64
.1163.0/	" " " p/colador.-	1N°.-	24,37
.1409.0/	Filtro turbo grande.-	1N°.-	25,71

TRAINMET

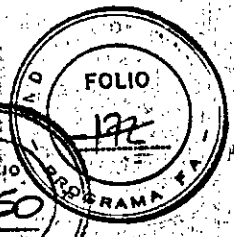
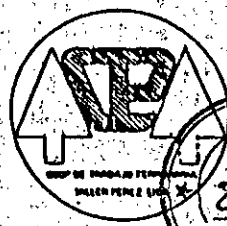
-1/2-

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Anexo Técnico N°2
Mat. Nec. Anexo
Equiv. N°3 **ANEXO**

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo.de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	1 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo.reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " " válv.N°8.-	1 N°.-	8.-
.1424.0/	" " " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "0".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " " "0".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	" "	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "0".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " " "	1 N°.-	0,23
.2601.0/	Aro "0" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "0".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "0".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "0".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	" "	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo:juntas e/cab.y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo.de aros STD.-	12 N°.-	2.711,76
.08.0051.0/	Jgo.de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P.y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	TRAINMET " A/P.	1 N°.	34,58

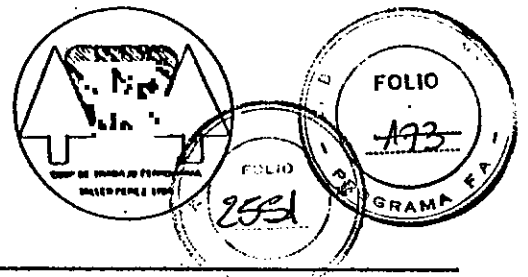
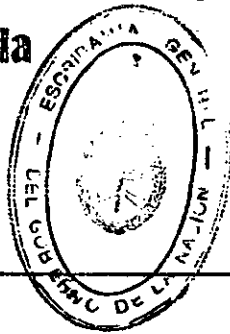
TRAINMET " A/P.



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Anexo Técnico N°2
Mat.Nec.Rep.Básica
Equiv.N° 3º **ANEXO**

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- 3 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
:0.08.5.01.0487.0/	:Juntas.-	: 2 N°.-	: 6,30 :
: .0489.0/	: "	: 2 N°.-	: 3,74 :
: .0535.0/	: "	: 2 N°.-	: 30,38 :
: .0531.0/	: "	: 1 N°.-	: 14,59 :
: 9061512000.0/	:Juntas tapa lateral.-	: 2 N°.-	: 7,43 :
: 9061522000.0/	:Junta.-	:10 N°.-	: 21,45 :
: 9061529000.0/	: "	: 2N°.-	: 2,23 :
:0.08.5.01.0073.0/	:Junta tapa cojinete.-	: 1 N°.-	: 4,95 :
: 9061521000.0/	:Junta.-	: 3 N°.-	: 2,34 :
:0.08.5.01.0065.0/	:Retén.-	: 2 N°.-	: 22,05 :
: 9131019000.0/	:Silemblock.-	:20 N°.-	: 281,16 :
:0.08.1.01.0169.0/	:Anillo guardapolvo.-	:12 N°.-	: 297,36 :
: .0173.0/	: " p/sello.-	:24 N°.-	:1.167,44 :
: .0175.0/	:Sello retén.-	:24 N°.-	: 133,81 :
: 9130436000.0/	:Buje.-	:10N°.-	: 43,62 :
: 9064002000.0/	: "	:16 N°.-	: 103,95 :
:0.08.1.01.0667.0/	:Buje p/amortiguador.-	: 4 N°.-	: 209,20 :
: .0921.0/	:Buje.-	: 4 N°.-	: 20,61 :
: .0923.0/	: "	:12 N°.-	: 79,23 :
: .0927.0/	: "	: 4 N°.-	: 17,83 :
: .0931.0/	: "	: 4 N°.-	: 17,91 :
: .0935.0/	:Perno.-	: 8 N°.-	: 194,73 :
: .0973.0/	:Perno c/ rosca hembra.-	: 8 N°.-	: 135,92 :
: .0975.0/	: " " " "	: 8 N°.-	: 135,92 :
: .1017.0/	:Perno.-	: 2 N°.-	: 50,97 :
: .1019.0/	: "	: 2 N°.-	: 52,41 :
: 9000362000.0/	:Zapata fundida.-	:12N°.-	: 256,30 :
:0.08.1.01.1211.0/	:Buje.-	:24 N°.-	: 138,57 :
: .1213.0/	: "	:32 N°.-	: 159,94 :
: .1217.0/	:Perno p/traba.-	: 8 N°.-	: 421,47 :
: .1265.0/	:Perno.-	:16 N°.-	: 359,91 :
: .1291.0/	: "	: 4 N°.-	: 133.- :
: .1295.0/	:Perno.-	: 2 N°.-	: 40,87 :
: .1317.0/	: "	:16 N°.-	: 294,42 :
: .1411.0/	:Guardapolvo.-	: 6 N°.-	: 96,94 :
: .1413.0/	:Abrazadera p/guardapolvo.º	: 6 N°.-	: 21,85 :
: .1497.0/	:Sello fieltro.-	:24 N°.-	: 67,20 :
: .1508.0/	: " protector.-	: 6 N°.-	: 192.- :
: .1509.0/	:Retén.-	: 6 N°.-	: 153,57 :
: .1517.0/	: " de sello.-	: 6 N°.-	: 170,50 :
: 9006247000.0/	:Empaquetadura taza p/pistón.-	: 8 N°.-	: 144,64 :
: 9019989000.0/	:Conjunto guía pedestal.-	:24 N°.-	:2.592,33 :
:0.08.7.01.1345.0/	:Escobilla AR.10.-	: 4 N°.-	: 45,13 :
: .1351.0/	: " D.14.-	: 4 N°.-	: 29,34 :
: 9131615000.0/	: " E.44.-	: 8 N°.-	: 78,29 :
:0.08.7.21.0041.0/	:Buje I/ colector.-	: 2 N°.-	: 5,89 :
: 9131694000.0/	:Buje p/ carcaza guía.-	: 2 N°.-	: 2,67 :
: 9131695000.0/	: " " " espaciadora.-	: 2 N°.-	: 4,18 :
:0.08.7.21.0091.0/	:Escobilla c/terminal.-	: 24 N°.-	: 71,29 :

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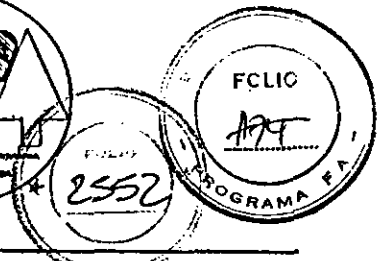
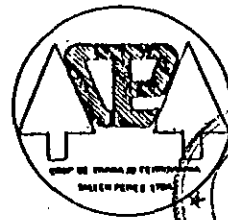
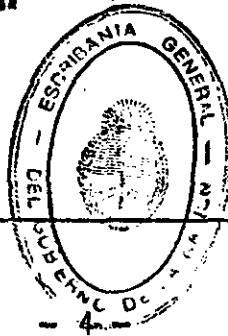


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Anexo Técnico N°2
Mat.Nec.Rep.Básica
Num.3°.-

ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	:Escobilla.-	: 4N°.-	: 15,61 :
.08.0389.0/	: " DE.7	: 48N°.-	: 743,40 :
8.343.03.1.555.0/	:Esmalte sintético negro.-	: 28 Lts.:	: 180,60 :
.105.0/	: " " verde.-	: 35 Lts.:	: 211,75 :
.220.0/	: " " amarillo.-	: 12Lts.:	: 108,24 :
.110.0/	: " " rojo.-	: 12 Lts.:	: 91,44 :
.115.0/	: " " Rojo.-	: 6 Lts.-:	: 59,46 :
.999.9/	: " " Blanco.-	: 1 Lt.-:	: 8,46 :
8.349.10.2.050.0/	:Thinner.-	: 40 Lts.:	: 43,20 :
8.233.71.3.010.0/	:Masilla plástica.-	: 4Kgs.-:	: 15,40 :
8.229.54.4.005.0/	:Lija al agua.-	: 20 N°.-:	: 10,80 :
8.593.99.9.999.0/	:Guinta de enmascarar.-	: 2 N°.-:	: 4,08 :
8.245.53.4.020.0/	:Jabón en polvo.-	: 2 Kgs.-:	: 3,32 :
8.247.01.1.001.0/	:Estopa.-	:12 -:-:	: 30,36 :
.50.1.001.0/	:Trapo blanco.-	:10 Kgs.-:	: 33,20 :
8.349.05.1.030.0/	:Líquido p/limpieza.-	:600Lts.-:	: 378.- :
8.397.10.1.130.0/	:Aceite turbina YPF.68.-	: 60Lts.-:	: 111,51 :
.38.1.115.0/	: " YPF.397.-	: 760Lts.:	:1.763,20 :
.10.1.150.0/	: " " 78.-	: 3 Lts.:	: 7,08 :
.66.1.100.0/	:Grasa.-YPF.96.-	: 30Kgs.-:	: 21,60 :
.63.1.114.0/	: " " 63.-	:15Kgs.-:	: 39,60 :
.118.0/	: " Shell Ciprina.-	: 1 Kg.-:	: 5,32 :
8.245.20.8.020.0/	:Barniz Cliptal.-	: 4 Lts.-:	: 29,40 :
8.260.13.5.070.0/	:Soda Cáustica.-	: 10Kgs.-:	: 13,90 :
8.390.05.1.018.0/	:Gas-Oil.-	:1500Lts.:	: 525.- :
8.395.10.2.045.0/	:Gas envasad .-	: 45 Kgs.:	: 44,60 :
8.260.03.1.020.0/	:Acido muriático.-	: 2 Lts.:	: 2.- :
8.233.26.3.010.0/	:Silastic.-	: 1 Kg.:	: 28,58 :
8.500.01.1.050.0/	:Estafío al 50%.-	: 1 Kg.:	: 23,60 :
8.395.15.2.006.0/	:Acetileno.-	: 6 Kgs.:	: 66,84 :
.30.2.006.0/	:Oxígeno.-	: 6 m3.-:	: 15,54 :
8.081.01.1.016.0/	:Alambre cincado:-	: 3 Kgs.-:	: 6,57 :
8.575.13.3.019.0/	:Fieltro en plancha 3/4 .-	: 3 Kgs.-:	: 23,79 :

TRANMET

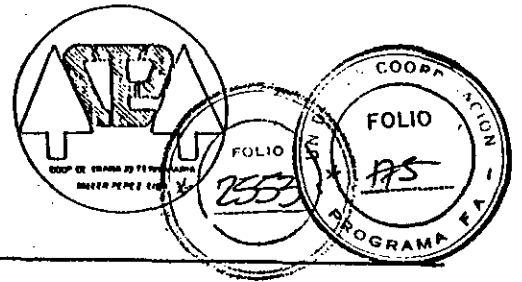
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ANEXO III

TAREAS ADICIONALES LOG.9023

ANEXO

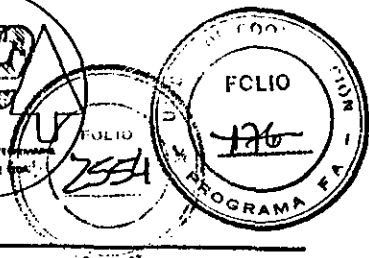
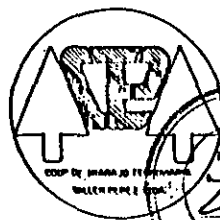
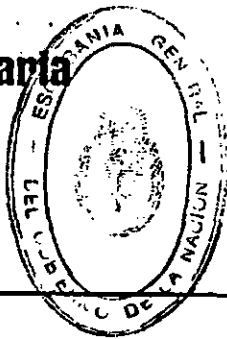
	<u>CANTIDAD A REPARAR</u>
<u>1) PARTE MECANICA</u>	
<u>1- Motor Diesel</u>	
<u>1-1 Turbo Sobrealimentador</u>	1 N°
1-1-1 Desmontaje del M.D.	
1-1-2 Desarme completo	
1-1-3 Limpieza y/o descarbonización de todos y cada uno de los elementos con productos y sistemas adecuado a cada caso.	
1-1-4 Inspección visual, geométrica y/o por magnaflux de todos los elementos.	
1-1-5 Control de balanceo dinámico del rotor	
1-1-6 Reemplazo de juegos de juntas.	
1-1-7 Armado y acondicionamiento para su posterior montaje sobre Motor Diesel.	
1-1-8 Montaje en M.D.	
<u>1-2 Conjunto de fuerza</u>	1 N°
1-2-1 Rectificado de cilindros	
<u>1-3 Inyectores</u>	12 Nos.
1-3-1 Reemplazo de roscas averiadas	
1-3-2 " " elementos bombeantes	
1-3-3 " " toberas	
1-3-4 " " tuercas del inyector	
<u>1-4 Balancines</u>	36 Nos.
1-4-1 Reemplazo de bujes	
<u>1-5 Manchón acople Generador Auxiliar</u>	1 N°
1-5-1 Desmontaje del M.D.	
1-5-2 Reparación de manchón	
1-5-3 Reemplazo de silemblock	
1-5-4 Montaje del manchón en el M.D.	
<u>1-6 Protector de volante M/D. y cardan Generador Auxiliar</u>	2 Nos.
1-6-1 Fabricación y colocación	
<u>1-7 Tuberías y elementos del sistema neumático</u>	
1-7-1 Colocación de chapa protectora y sujeción de grifos L/V.	
1-7-2 Colocación de grifos limpia vidrios	2 Nos.

~~REPARE~~ 1/2
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Tareas Adicionales Loc. 9023.-

- Hoja Nº 2 -

	<u>CANTIDAD A REPARAR</u>	
1-7-3 Reemplazo de mangas y caños a motores L/V.	2	Nos.
1-7-4 " " " aire comprimido	2	"
1-7-5 Colocación de traba soporte manga A/C.	2	"
1-7-6 " " grifos aire comprimido	3	"
1-7-7 " mangas areneras	4	"
1-7-8 " " aire areneros	2	"
1-8 <u>Freno de mano.</u>	1	Nº
1-8-1 Reparar integralmente		
1-9 <u>Recuperador de aceite compresor</u>	1	"
1-9-1 Colocación		

II) PARTE ELECTRICA

2- Circuito y equipos eléctricos

2-2 Electroventiladores

2-2-1 Rebobinado de electroventilador	1	Nº
2-2-2 Recambio de rodamientos sup. e inferior electroventilador	2	Nos.

2-3 Circuitos en gral. y auxiliares

2-3-1 Desmontar faros cabecera, colocar burletes y montar	4	"
2-3-2 Montar y conectar calentador	1	Nº
2-3-3 Montar y conectar equipo luz instrumento y cables conexión velocímetro	1	"
2-3-4 Desmontar, reparar y montar contacto portafusible del campo alternador	1	"
2-3-5 Desmontar, reparar y montar relé F.P.C.	1	"
2-3-6 Colocar bases, llaves y motor descongeladores	6	Nos.
2-3-7 Reacondicionar equipo luz cabina	1	Nº
2-3-8 Recambio de yemas de contactores AC1 - AC2.	12	Nos.

3- Bastidor y carrocerías

3-1 Reparación de pasamanos delantero y trasero	2	"
3-2 Reparación de cabezal y escalera frontal trasera	1	Nº
3-3 Reparación de miriñaques y polleras	2	Nos.
3-4 Reemplazar parabrisas fijo frontal delant, y trasero	2	"
3-5 Reemplazar espejos retrovisores	2	"
3-6 Colocación de vicerias	2	"
3-7 Colocación de asientos	2	"

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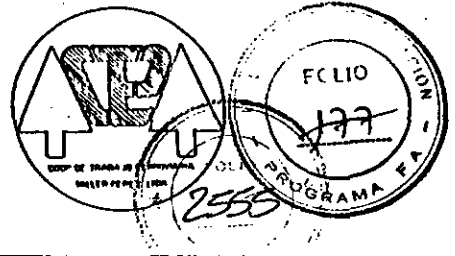
- 2/3 -
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- Hoja Nº 3 -

Tareas adicionales Loc. 9023.-

ANEXO

CANTIDAD A REPARAR

3-8 Colocación de soportes de asientos	2 Nos.
3-9 Colocación de apoyabrazos	2 "
3-10 Colocación de parasoles	4 "
3-11 Colocación de asientos rebatibles	1 NA
3-12 Reparación puertas sala de máquina	4 Nos.
3-13 Reemplazar conductos de ventilación flexible M/T.	6 "

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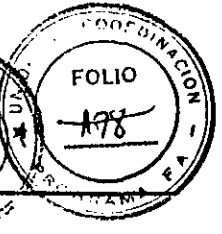
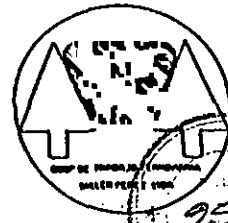
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ANEXO TECNICO N°4

ANEXO

MATERIALES ADICIONALES LOCT.GENERAL MOTORS GT.22.OW N°9023

N.U.M.	DESCRIPCION	CANT.	PRECIO \$
0.08.3.05.0435.0/	Guarnición.-	1N°	1,37
.0465.0/	Junta p/ sello cojinete.-	1N°	1,69
.0559.0/	" del conducto.-	1N°	4,50
.0665.0/	" entre carcaza y coj.	1N°	1,72
.0673.0/	" del soporte.-	1N°	8,36
.0767.0/	" para aro de engranaje.-	1N°	2.-
.2019.0/	Jgo.de junta p/sobrealiment.	1N°	174,10
.3.03.4013.0/	Pistón S/M.O,30.-	12 N°	9.370,32
.3.06.0147.0/	Jgo. reparación inyectores.-	12 N°	914,28
.3.02.0655.0/	Buje balancines.-	36 N°	265,99
H. 9131019000.0/	Silemblock.-	8 N°	112,46
0.08.9.03.0615.0/	Protector cardan G/Aux.	1 N°	22,78
.5.05.3611.0/	Válvula regulación.-	2 N°	37,02
9131221000.0/	Manga p/motores L/V.-	2 N°	10,50
0.08.5.03.0011.0/	" aire comprimido.-	2 N°	32,41
9130841000.0/	Tubo 1/4"	4 Mts.	7,28
9131354000.0/	Conector 1/4".-	2 N°	1,86
9130081000.0/	" 1/4".-	10N°s.	8,66
0.08.5.06.1258.0/	Unión NPT.	2 N°	1,45
9131372000.0/	Codo 90° NPT.1/4".-	4 N°	6,32
0.08.1.01.9999.0/	Mangas arenera.-	6 Mts.	79,32
9010419000.0/	Cadena freno de mano.-	1 N°	70,25
9010423000.0/	Eslabón p/unión.-	1 N°	7,45
9004404000.0/	Retén p/pistón.-	2 N°	10,26
9000371000.0/	Buje.-	1 N°	18,45
9004398000.0/	Buje.-	1 N°	14,23
9004401000.0/	Buje.-	2 N°	11,39
9003122000.0/	Recuperador aceite compresor.-	1 N°	42,75
0.08.5.06.1234.0/	Brazo L/V.	1 N°	94,74
.2.02.2351.0/	Parabrisas frontal delantero.-	2 N°	60,00
0.08.2.02.2355.0/	" Fijo.-	1 N°	30,00
.2527.0/	" puerta.-	2 N°	60,00
H. 9013001000.0/	Espejo retrovisores.-	2 N°	346,90
9130949000.0/	Viceras.-	2 N°	66,42
0.08.2.02.2957.0/	Asiento giratorio.-	2 N°	314,97
.2997.0/	Respaldo.-	2 N°	115,72
.3027.0/	Soporte de asientos.-	2 N°	339,29
.3131.0/	Apoyabrazos.-	2 N°	164,12
.3351.0/	Parasoles.-	4 N°	205,03
.3091.0/	Asiento rebatible.-	1 N°	86,96
H. 9131130000.0/	Burlete sala presurizada.-	5Mts.	12,38
0.08.3.04.1043.0/	Gato giro M/D.	1 N°	1.166,77
.2.02.1101.0/	Sello goma p/puerta.-	3 Mts.	13,34
0.08.9.01.0545.0/	Resorte p/tens.de cadena.-	1 N°	46,94
.1.01.2013.0/	Manga alim.t/arenera L/I.-	2 N°	3,14
.2014.0/	" " " L/D.	2 N°	4,19
0.08.6.02.0141.0/	Anillo Flexiglass.-	3N°s.	47,03
H. 9064579000.0/	Conducto ventil.flexible(fuelle):	6 N°	554,95
8.775.98.2.159.0/	Vidrio nivel tanque comp.	1N°	27,55

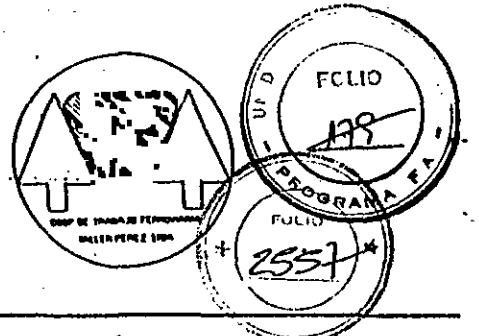
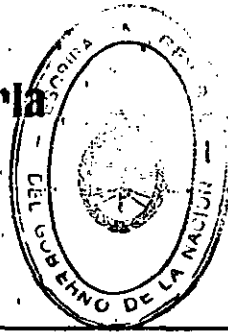
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Anexo Técnico N° 4
Mat. Adicion. Loct. G.M.
G.T. 22.C. **ANEXO**

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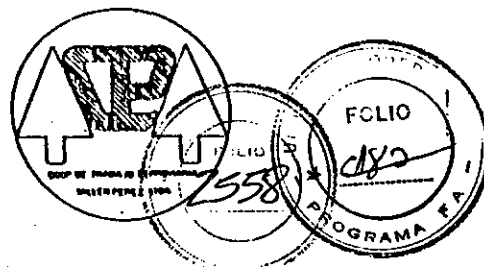
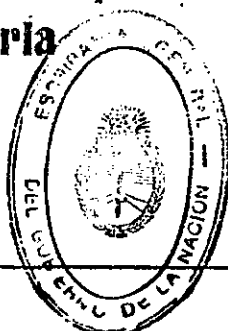
- 2 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$
8.530.84.4.415.0/	Alambre esmaltado 1,30mm.Ø	14Kgs.	123,34:
.50.3.120.0/	Cable de 25mm.	4 Mts.	13,00:
8.500.01.1.050.0/	Estaño 50%	0,50Kg.	11,80:
.37.6.025.0/	Resina p/soldar.-	0,25Kgs:	2,66:
8.655.05.1.670.0/	Rodam. 6310 ZZ.	1 N°	43,98:
.720.0/	" 6312 2RS.	1 N°	77,44:
H. 9131824000.0/	Burletes faros.-	4 N°	12,74:
0.08.8.01.0795.0/	Calentador eléctrico.-	1 N°	16,06:
H. 9131261000.0/	Equipo luz instrumento.-	4 N°	32,87:
9019609000.0/	Cables conex. velocímetro.-	1 N°	42,13:
0.08.8.03.0147.0/	Baterías.-	8 N°	4.670.- :
.7.17.0009.0/	Desempañador.-	6 N°	228.- :
.9999.0/	Caja de llaves y resist. descong.	6 N°	208,43:
H. 9130958000.0/	Perillas.-	2 N°	3,44:
8.531.35.1.100.0/	Fusible 60A.-	1 N°	2,48:
8.532.02.4.385.0/	Lámpara iluminación.-	10N°	20.- :
0.08.6.06.0729.0/	Contacto móvil.-	4 N°	315,19:
.0741.0/	" fijo.-	8 N°	438,28:
H. 9019611000.0/	Generador de pulsos.-	1 N°	2.230,20:
0.08.7.21.0301.0/	Tapa motor arranque.-	1 N°	98,93:
.08.0741.0/	Grampa colgante.-	2	30,33:
0.08.8.02.0605.0/	Portalámpara completo.-	1	33,28:
H. 9130844000.0/	Vidrio protector.-	1	8,52:
9130867000.0/	Protector alambre.-	1	33,17:
0.08.8.02.0539.0/	Tulipa luz cabina.-	2	50,60:
.9.06.0275.0/	Aspirador de foso.-	1	25,45:
0.08.6.07.0603.0/	Relé FPC.	1	156,84:

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ANEXO TECNICO N°1

ANEXO

LOCOMOTORAS GENERAL MOTORS G.T.22.C.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies y sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyectores, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Pre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardán de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a o/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañerías, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de alta y baja en sala de máquinas y Bastidor.-

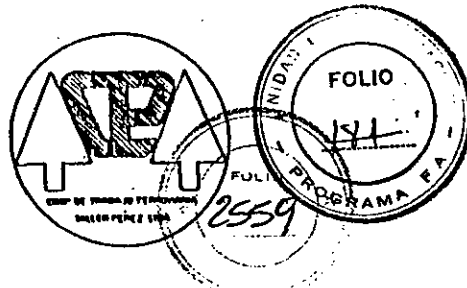
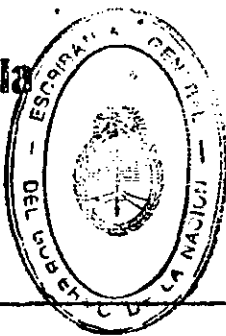
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Anexo Técnico N°1
Locts.G/M.GT.22.CW.

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- 2 -

ANEXO

9 - MOTOR DIESEL:

- 9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-
- 9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

- 9-3-1: Desarmar y limpiar inyectores.-
- 9-3-2: Inspeccionar elementos bombeantes.-
- 9-3-3: Rectificar aguja y asentar a tobera.-
- 9-3-4: Controlar funcionamiento cremalleras.-
- 9-3-5: Reemplazar elementos filtrantes y juntas.-
- 9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCINES:

- 9-4-1: Desarmar y limpiar.-
- 9-4-2: Controlar bujes, pernos y caños lubricación.-
- 9-4-3: Armar.-

9 - 5: PUENTES DE VALVULAS:

- 9-5-1: Desarmar y limpiar.-
- 9-5-2: Inspeccionar elementos.-
- 9-5-3: Armar botadores y controlar en banco de pruebas.-
- 9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

- 9-6-1: Limpiar y controlar.-
- 9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

- 9-7-1: Limpiar.-
- 9-7-2: Asentar aguja.-
- 9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

- 9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

- 9-9-1: Desmontar culata de cilindro.-
- 9-9-2: " biela y pistón.-
- 9-9-3: Limpiar y descarbonizar.-
- 9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-
- 9-9-5: " alineación de bielas.-
- 9-9-6: " dimensional de canasta de biela, cilindro y pistón.-
- 9-9-7: Bruñir cilindros.-
- 9-9-8: Desarmar cabezas de cilindros.-
- 9-9-9: Descarbonizar y lavar.-

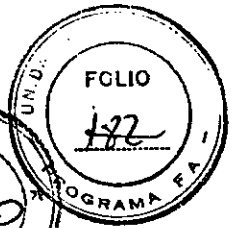
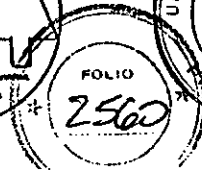
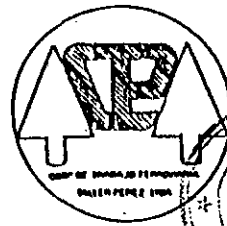
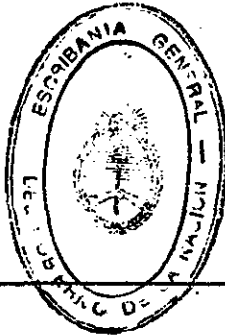
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Anexo Técnico N°1
Locs. G. Motoras N. 22. CW

ANEXO

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- 3 -

Proviene de Con.de Fuerza/

- 9-9-10 :Controlar huelgo e/válv.y guías.-
- 9-9-11 :Rectificar válv.y asientos.-
- 9-9-12 :Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 :Efectuar prueba hidráulica.-

9 - 10 :REGULADOR M/D.-:

- 9-10-1 Desarmar y limpiar.-
- 9-10-2: Inspeccionar elementos.-
- 9-10-3: Reemplazar diafragmas y juntas.-
- 9-10-4: Armar y controlar en banco de pruebas.-

9 - 11 :BOMBA DE AGUA:

- 9-11-1 :Desarmar y limpiar.-
- 9-11-2 :Inspeccionar elementos.-
- 9-11-3 :Cambiar sello.-
- 9-11-4 :Armar y probar caudal.-

9 - 12 :GARGANTA DE TURBO:

- 9-12-1 :Descarbonizar y limpiar.-
- 9-12-2 :Inspeccionar en Magnaflux.-

9 - 13: DETECTOR DE F/POSITIVA Y B/P.ACEITE:

- 9-13-1 :Desarmar y limpiar.-
- 9-13-2 :Inspeccionar elementos.-
- 9-13-3 :Reemplazar diafragmas y juntas.-
- 9-13-4 :Armar y controlar en banco de pruebas.-

9 - 14 :INSPECTOSTATO:

- 9-14-1 :Desarmar y limpiar.-
- 9-14-2 :Inspeccionar elementos.-
- 9-14-3 :Armar y ensayar en banco de pruebas.-

9 - 15 :VALVULA ALIVIO F/ACEITE:

- 9-15-1 :Desarmar y limpiar.-
- 9-15-2 :Inspeccionar elementos.-
- 9-15-3 :Armar, calibrar y controlar funcionamiento

9 - 16 :VALVULA 10 Y 60 LBS.:

- 9-16-1 :Desarmar y limpiar.-
- 9-16-2 :Controlar elementos.-
- 9-16-3 :Armar y efectuar prueba.-

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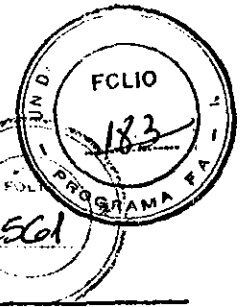
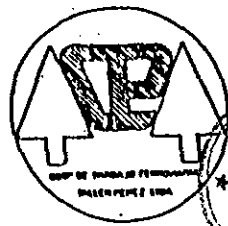

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Anexo Técnico N°1
Locts.G.Motors GT.22.0W

ANEXO

9 - 17: TANQUE DE

- 9-17-1: Lavado exterior e interior.--
- 9-17-2: Efectuar prueba neumática.--
- 9-17-3: Acondicionar vidrios niveles.--
- 9-17-4: Pintar.--

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.--
- 10 - 2: Desarme integral del compresor.--
- 10 - 3: Limpieza de todos sus componentes.--
- 10 - 4: Desmontar rodamientos.--
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.--
- 10 - 6: Rectificado de cigüeñal.--
- 10 - 7: " " cilindros.--
- 10 - 8: Control alineación de bielas.--
- 10 - 9: Inspección de rodamientos.--
- 10 - 10: Reparación integral bomba de aceite.--
- 10 - 11: Desarme y rep. válv. admisión y escape.--
- 10 - 12: " y limpieza y reparac. del radiad. compresor.--
- 10 - 13: Reemplazo de juntas, retenes, etc.--
- 10 - 14: Armado.--
- 10 - 15: Ensayo en banco de pruebas.--
- 10 - 16: Pintura.--

11 - : CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.--
- 11 - 2: Controlar alineación y balanceo.--

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.--
- 12 - 2: Inspeccionar elementos.--
- 12 - 3: Cambiar aros "O", juntas y diafragmas.--
- 12 - 4: Armar y probar.--

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.--
- 13 - 2: Probar funcionamiento.--

14 - DEPOSITOS AIRE:

- 14 - 1: Limpiar y efectuar prueba neumática.--

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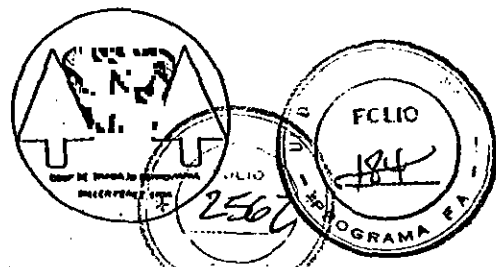
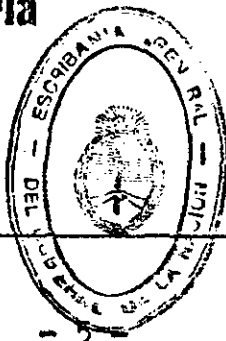
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Anexo Técnico N°1
Locts.G.Motors GT.22.OW

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ANEXO

15 - REJILLA RADIADORES:

15 - 1: Limpiar e inspeccionar.-

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17 - 1: Desarmar y limpiar.-

17 - 2: Baquetear.-

17 - 3: Realizar prueba hidráulica.-

17 - 4: Inspeccionar.-

17 - 5: Armar, y realizar prueba hidráulica.-

17 - 6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18 - 1: Desarmar y limpiar.-

18 - 2: Inspeccionar.-

18 - 3: Armar y realizar prueba hidráulica.-

19 - POST-ENFRIADOR:

19 - 1: Desarmar y limpiar.-

19 - 2: Inspeccionar.-

19 - 3: Armar y realizar prueba hidráulica.-

20 - REJILLAS Y PROTECTORES:

20 -1: Limpiar e inspeccionar.-

20 -2: Reparar.-

21 - FILTROS INERCIALES:

21 -1: Limpiar e inspeccionar.-

21 -2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22 -1: Desarmar y limpiar filtros caja de coladores.-

22 -2: Cambiar filtros de tambor, pre-lubricación y turbo.-

22 -3: " juntas.-

23 - CABEZA FILTRO TURBO:

23 - 1: Desarmar y limpiar.-

23 - 2: Inspeccionar elementos.-

23 - 3: Armar y probar.-

24 - CABEZA VASOS VISORES:

24 - 1: Desarmar y limpiar.- INMET

24 - 2: Armar.-

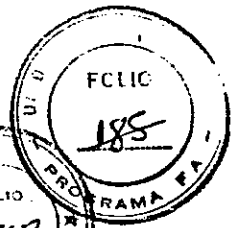
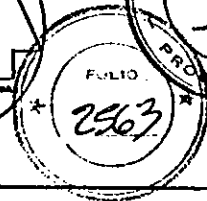
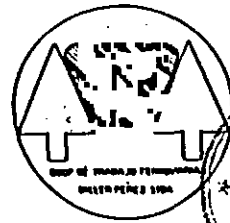
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Anexo Técnico N°1
Lots. G. Motors GT. 22.0W

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-6-

ANEXO

25 - FILTROS DE COMI : E:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

26 - GANCHOS CENTRALES:

- 26 -1: Desarmar ganchos.-
- 26 -2: Limpiar y arenar ganchos.-
- 26 -3: Inspeccionar fisuras y rosca.-
- 26 -4: Rellenado y normalizado.-
- 26 -5: Maquinado.-
- 26 -6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc. de rosca, chavetas y fisuras.-
- 27 - 3: Reparac. y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLPES:

- 28 -1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATO-S:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 -1: Desarmar, limpiar y armar.-
- 30 -2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Descnec. Gen. Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen. Aux.
- 31-1-6: Controlar alabes de turbina sopladora.-

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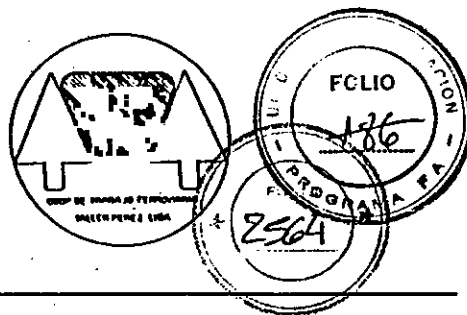
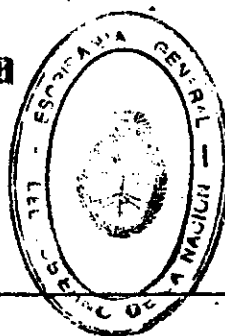
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Proviene de Gen. Auxiliar (Parte Eléct.)

ANEXO

- 31-1-7: Controlar balanceado turbina.-
- 31-1-8: " bases de Gen. Aux. (Agujeros bases sujeción M/D. Motor eléct. carcaza)
Controlar manchón de acople.-
- 31-1-9 : Desarmar y lavar gen. auxiliar.-
- 31-1-10: Controlar eléctricamente carcaza e inducido.-
- 31-1-11: Revisión de rodamientos (cambio de grasa).-
- 31-1-12: Torneear, ranurar y biselar colector.-
- 31-1-13: Normalizar portaescobillas y cambio escobillas.-
- 31-1-14: Armado Gen. Aux.-
- 31-1-15: Ensamble de carcaza turbina al G.A.-
- 31-1-16: Verificar aislación en general.-
- 31-1-17: Montar en loc. .-
- 31-1-18: Con reloj comparador, alinear.-
- 31-1-19: Acoplar fuelles de ventilación.-
- 31-1-20: Colocar acople flexible e/cardan y auxiliar.-
- 31-1-21: Conectar eléctricamente.-
- 31-1-22: Colocar tapas post. e/M/D. y sala presurizada.-
- 31 - 2 : Bombas combustible y prelubricación.-
- 31-2-1 : Desconectar y desmontar bombas.-
- 31-2-2 : Desarmar bombas.-
- 31-2-3 : Lavar con solvente.-
- 31-2-4 : Controlar rodamientos y eje.-
- 31-2-5 : " bobinados de campos e inducidos.-
- 31-2-6 : Torneear colector, ranurar y biselar.-
- 31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.
- 31-2-8 : Armar y pintar bombas.-
- 31-2-9 : Controlar funcionamiento , aislación y caudal.-
- 31-2-10: Montar en locomotora.-
- 31-2-11: Conectar.-
- 31 - 3 : MOTORES DE ARRANQUE-
- 31-3-1 : Desconectar y desmontar.-
- 31-3-2 : Desarmar y lavar.-
- 31-3-3 : Control de aislación e/campo y masa de carcaza.-
- 31-3-4 : Controlar eje estriado.-
- 31-3-5 : " eléctricamente inducido y campos.-
- 31-3-6 : Cambio de bujes y control Bendix.-
- 31-3-7 : Controlar placa conjunto portaescobillas.-
- 31-3-8 : Torneear, ranurar, biselar colector.-
- 31-3-9 : Cambio de escobillas.-
- 31-3-10: Armar, controlar funcionamiento y aislación.-
- 31-3-11: Montar y conectar.-

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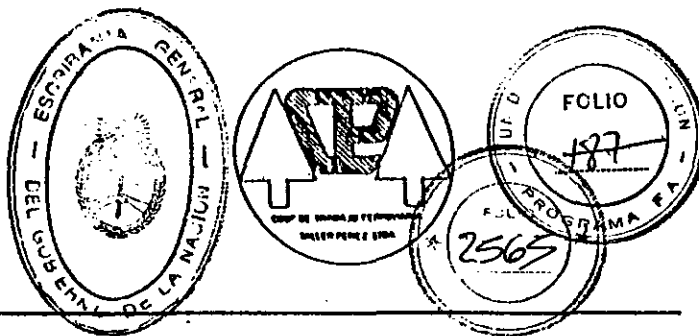
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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar .-
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Tornear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en loct.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6 : B A T E R I A S.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y coneccionada.-

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

31 - 8 : MOTOR DE TRACCIÓN:

- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos, conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa o métodos adecuados a c/caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.-
- 31-8-6 : Controlar bandas.-

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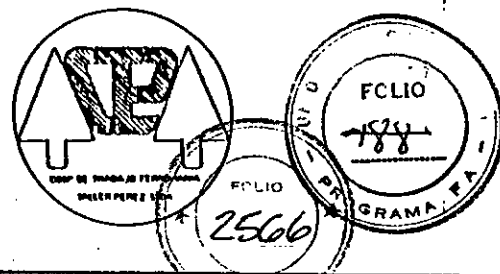
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ANEXO

Proviene de Motor de Tracción/

- 31-8-7 :Controlar ovalización del colector.-
- 31-8-8 :Tornear, biselar y ranurar inducido.-
- 31-8-9 :Controlar dimensiones en carcasa, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12: Rearmado completo, colocación de escobillas nuevas

- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

31 - 9 :MOTOR SOPLADOR DE FILTROS INERCIALES:

- 31-9-1 :Inspecc. visual de funcionamiento y control de rodamiento.-
- 31-9-2 :Ensayo de aislación.-

31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:

- 31-10-1: Inspecc. visual de funcionam. y conecciones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
- 31-10-2: Inspección visual de funcionamiento y conecciones de todos los relevadores en gral.-
- 31-10-3: Inspecc. visual de funcionam. y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
- 31-10-4: Inspección visual de todas las resistencias y reostatos.-
- 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadoras, etc.)
- 31-10-6: Inspecc. visual de coneccionado panel ROP, SBP. y TRP. panel sensor y de patinaje WSC).-
- 31-10-7-1: Desconectar y desmontar reg. carga de batería.-
- 31-10-7-2: Control de ajuste en banco de prueba.-
- 31-10-7-3: Montaje y conexión sobre locomotora.-

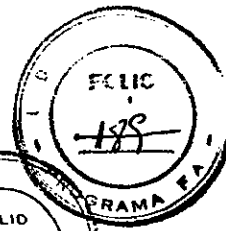
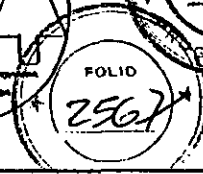
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Anexo Técnico N°1
Locs. G. Motors GT.22.CW

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31 - 11 - REGULADOR DE CARGA L.R.;

ANEXO

31-11-1 : Inspecc.de funcionam.superf.de contacto,
valor ohms,escobillas y conexiones.-

31 - 12 : ALTERNADOR ARI0 - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext.rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext.rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob.en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-



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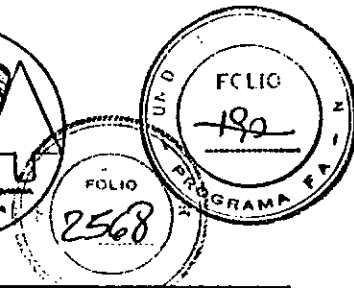
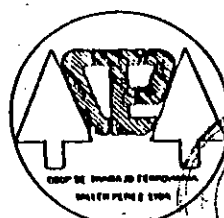
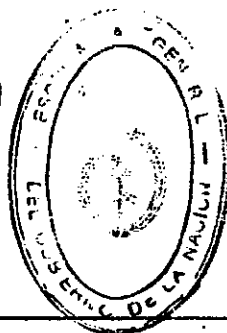
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Anexo Técnico N°1
Loot.G.Motors GT.22.CW

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ANEXO

Proviene de Bogies/

- 33 - 2 : Control estanqueidad y funcionamiento del equipo de freno en bogie. Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 : Desmontaje timonería de freno y ejes.-
- 33 - 4 : Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 : Cajas punta de eje: revisión y engrase total, desmontaje, control y montaje de rodamientos.-
- 33 - 6 : Reemplazo de colizas del pedestal.-
- 33 - 7 : Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descritas por el fabric. serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 : Controlar suspensión de nariz de Mot. de Tracc: controlar estado de los topes en el bogie (en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 : Controlar el bastidor y viga "Bolster" con tintas penetrantes, soldaduras, de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long. los trabajos se considerarán eventuales.-
- 33 - 10 : Controlar posibles desgastes en el pendular de suspensión, fijación al bastidor, apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm. se normalizarán p/soldadura. (de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos, las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 : Control de jgos. de palancas, colizad., pernos correderas regulad. de freno, portazapatas, etc.- Encasquillado de la timonería de freno con total reemplazo de bujes, pernos, chavetas.-
- 33 - 12 : Control de amortiguadores-Reemplazo de bujes de goma.-

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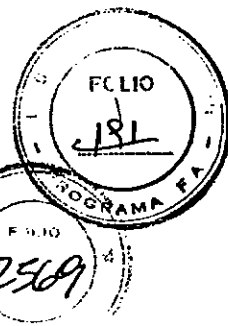
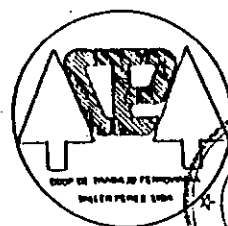
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ANEXO

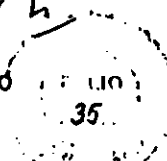
- 33 - 13: Limpieza y control dimensional de cajas cubre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador. Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-acople del cardán al M/D. y alineación.

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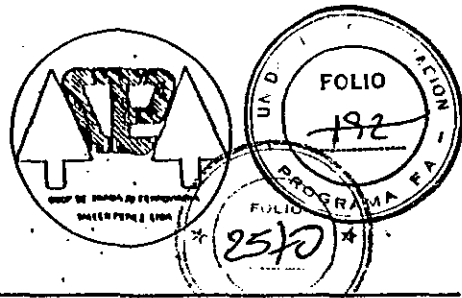
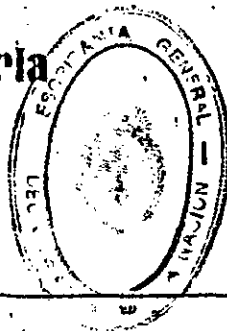
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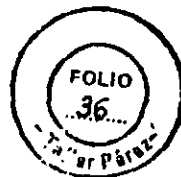
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ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conecc. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-
- 36 - : PUESTA EN MARCHA.-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loct.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

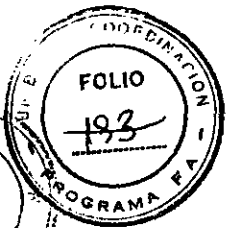
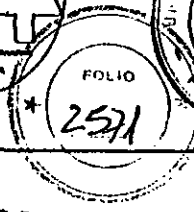
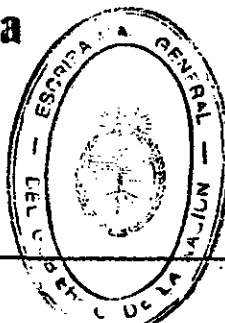
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ANEXO TECNICO N°2

ANEXO

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$ TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca capuchón	12N°.-	8,33
.0129.0/	Elemento de filtro.-	24N°.-	34,56
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42
9006667000.0/	" retén de aceite.-	1N°.-	5,90
9006664000.0/	Guarnición.-	1N°.-	0,81
9006747000.0/	" anular.-	1N°.-	0,65
9006722000.0/	Guarnición.-	1N°.-	4,15
9006407000.0/	" de la tapa.-	1N°.-	12,32
9006587000.0/	Diafragma.-	1N°.-	10,89
9002817000.0/	Aro.-	2N°.-	0,99
9006618000.0/	"	1N°.-	0,55
9002793000.0/	"	4N°.-	2,20
9131505000.0/	Sello.-	1N°.-	9,50
8.888.90.1.989.0/	"	1N°.-	1,81
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02
.0403.0/	Sello de aceite.-	1N°.-	14,29
9006599000.0/	Guarnición.-	1N°.-	2,03
0.08.3.09.1229.0/	"	1N°.-	1,16
9006713000.0/	"	1N°.-	1,77
9006704000.0/	Sello anular.-	1N°.-	5,32
9006688000.0/	" "	1N°.-	4,36
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84
.0629.0/	Junta para lubricación.-	24N°.-	2,83
9131487000.0/	Elemento filtrante.-	7N°.-	270,62
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89
.0711.0/	Filtro blindado.-	2N°.-	29,82
.1443.0/	Sello.-	1N°.-	39,19
.0645.0/	Junta de vaso.-	2N°.-	0,87
.0735.0/	Aro "O".-	2N°.-	0,85
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54
9131197000.0/	Junta.-	2N°.-	11,16
9062580000.0/	"	2N°.-	3,20
9131171000.0/	Junta para codo.-	2N°.-	14,96
9131540000.0/	Junta para brida.-	2N°.-	3,19
9062680000.0/	" " "	2N°.-	6,16
9131197000.0/	Junta.-	1N°.-	2,79
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64
.1163.0/	" " " p/colador.-	1N°.-	24,37
.1409.0/	Filtro turbo grande.-	1N°.-	25,71

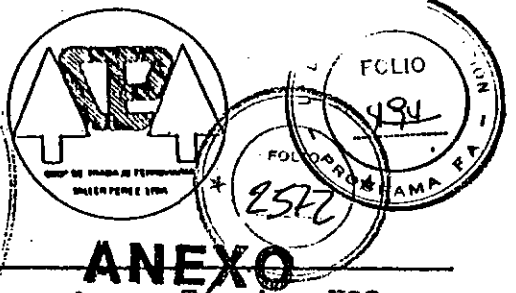
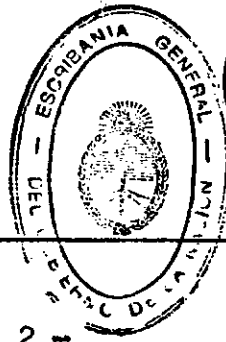
TRANSMETI -1/2-

GENERAL REPRESENTANTE



Cooperativa de Trabajo Ferrovialaria Taller Perez Ltda.

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ANEXO

Anexo Técnico N°2
Mat. Nec. Rep. Básica
Equiv. N°3°.-

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo.de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	1 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo.reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " " válv.N°8.-	1 N°.-	8.-
.1424.0/	" " " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "O".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " " "O".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	"	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "O".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " " "	1 N°.-	0,23
.2601.0/	Arc "O" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asientb.-	4 N°.-	14,07
9131219000.0/	Aro "O".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "O".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "O".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	"	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo.juntas e/cab.y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo.de aros STD.-	12 N°.-	2.711,75
.08.0051.0/	Jgo.de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P.y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	FRANMETS A/P.	1 N°.	34,58

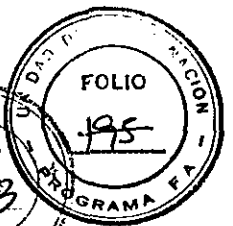
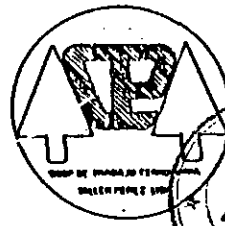
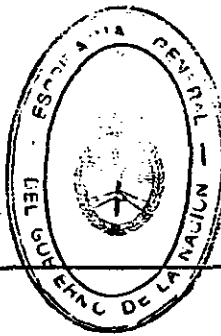
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Cooperativa de Trabajo Ferrovialaria Taller Perez Ltda.

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Anexo Técnico Nº2
Mat. Nec. Rep. Básica
Equiv. Nº 3º.-

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ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.5.01.0487.0/	Juntas.-	2 Nº.-	6,30
.0489.0/	"	2 Nº.-	3,74
.0535.0/	"	2 Nº.-	30,38
.0531.0/	"	1 Nº.-	14,59
9061512000.0/	Juntas tapa lateral.-	2 Nº.-	7,43
9061522000.0/	Junta.-	10 Nº.-	21,45
9061529000.0/	"	2 Nº.-	2,23
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 Nº.-	4,95
9061521000.0/	Junta.-	3 Nº.-	2,34
0.08.5.01.0065.0/	Retén.-	2 Nº.-	22,05
9131019000.0/	Silemblock.-	20 Nº.-	281,16
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 Nº.-	297,36
.0173.0/	" p/sello.-	24 Nº.-	1.167,44
.0175.0/	Sello retén.-	24 Nº.-	133,81
9130436000.0/	Buje.-	10 Nº.-	43,62
9064002000.0/	"	16 Nº.-	103,95
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 Nº.-	209,20
.0921.0/	Buje.-	4 Nº.-	20,61
.0923.0/	"	12 Nº.-	79,23
.0927.0/	"	4 Nº.-	17,83
.0931.0/	"	4 Nº.-	17,91
.0935.0/	Perno.-	8 Nº.-	194,73
.0973.0/	Perno c/ rosca hembra.-	8 Nº.-	135,92
.0975.0/	" " " "	8 Nº.-	135,92
.1017.0/	Perno.-	2 Nº.-	50,97
.1019.0/	"	2 Nº.-	52,41
9000362000.0/	Zapata fundida.-	12 Nº.-	256,30
0.08.1.01.1211.0/	Buje.-	24 Nº.-	138,57
.1213.0/	"	32 Nº.-	159,94
.1217.0/	Perno p/traba.-	8 Nº.-	421,47
.1265.0/	Perno.-	16 Nº.-	359,91
.1291.0/	"	4 Nº.-	133.-
.1295.0/	Perno.-	2 Nº.-	40,87
.1317.0/	"	16 Nº.-	294,42
.1411.0/	Guardapolvo.-	6 Nº.-	96,94
.1413.0/	Abrazadera p/guardapolvo.0	6 Nº.-	21,85
.1497.0/	Sello fieltro.-	24 Nº.-	67,20
.1508.0/	" protector.-	6 Nº.-	192.-
.1509.0/	Retén.-	6 Nº.-	153,57
.1517.0/	" de sello.-	6 Nº.-	170,50
9006247000.0/	Empaquetadura taza p/pistón.-	8 Nº.-	144,64
9019989000.0/	Conjunto guía pedestal.-	24 Nº.-	2.592,33
0.08.7.01.1345.0/	Escobilla AR.10.-	4 Nº.-	45,13
.1351.0/	" D.14.-	4 Nº.-	29,34
9131615000.0/	" E.44.-	8 Nº.-	78,29
0.08.7.21.0041.0/	Buje l/ colector.-	2 Nº.-	5,89
9131694000.0/	Buje p/ carcaza guía.-	2 Nº.-	2,67
9131695000.0/	" " " espaciadora.-	2 Nº.-	4,18
0.08.7.21.0091.0/	Escobilla c/terminal.-	24 Nº.-	71,29

TRAINMET

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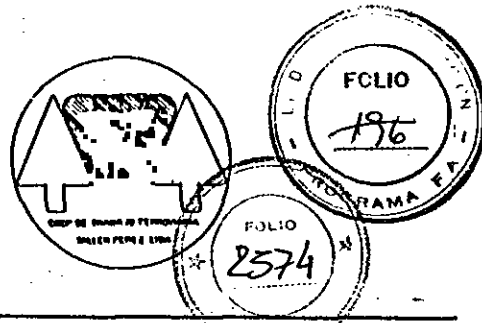
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Anexo Técnico N° 2
Mat. Neo. Rep. Básica
Num. 3°.-

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ANEJO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	Escobilla.-	4N°.-	15,61
.08.0389.0/	" DE.7	48N°.-	743,40
8.343.03.1.555.0/	Esmalte sintético negro.-	28 Lts.	180,60
.105.0/	" " verde.-	35 Lts.	211,75
.220.0/	" " amarillo.-	12Lts.	108,24
.110.0/	" " rojo.-	12 Lts.	91,44
.115.0/	" " Rojo.-	6 Lts.-	59,46
.999.9/	" " Blanco.-	1 Lt.-	8,46
8.349.10.2.050.0/	Thinner.-	40 Lts.	43,20
8.233.71.3.010.0/	Masilla plástica.-	4Kgs.-	15,40
8.229.54.4.005.0/	Lija al agua.-	20 N°.-	10,80
8.593.99.9.999.0/	Cinta de enmascarar.-	2 N°.-	4,08
8.245.53.4.020.0/	Jabón en polvo.-	2 Kgs.-	3,32
8.247.01.1.001.0/	Estopa.-	12	30,36
.50.1.001.0/	Trapo blanco.-	10 Kgs.-	33,20
8.349.05.1.030.0/	Líquido p/limpieza.-	600Lts.-	378.-
8.397.10.1.130.0/	Aceite turbina YPF.68.-	60Lts.-	111,51
.38.1.115.0/	" YPF.397.-	760Lts.	1.763,20
.10.1.150.0/	" " 78.-	3 Lts.	7,08
.66.1.100.0/	Grasa.-YPF,96.-	30Kgs.-	21,60
.63.1.114.0/	" " 63.-	15Kgs.-	39,60
.118.0/	" Shell Ciprina.-	1 Kg.-	5,32
8.245.20.8.020.0/	Barniz Cliptal.-	4 Lts.-	29,40
8.260.19.5.070.0/	Soda Cáustica.-	20Kgs.-	13,90
8.390.05.1.018.0/	Gas-Oil.-	1500Lts.	525.-
8.395.10.2.045.0/	Gas envasad.-	45 Kgs.	44,60
8.260.03.1.020.0/	Acido muriático.-	2 Lts.	2.-
8.233.26.3.010.0/	Silastic.-	1 Kg.	28,58
8.500.01.1.050.0/	Estaino al 50%.-	1 Kg.	23,60
8.395.15.2.006.0/	Acetileno.-	6 Kgs.	66,84
.30.2.006.0/	Oxígeno.-	6 m3.-	15,54
8.081.01.1.016.0/	Alambre cincado.-	3 Kgs.-	6,57
8.575.13.3.019.0/	Fieltro en plancha 3/4".-	3 Kgs.-	23,79

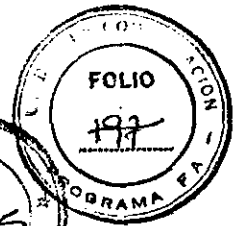
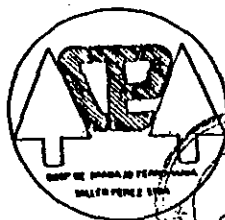
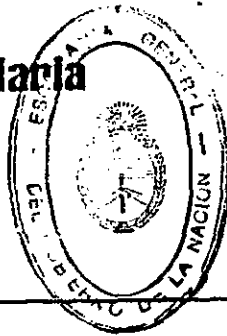
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ANEXO

ANEXO TECNICO Nº 3

TAREAS ADICIONALES LOCOMOTORA GENERAL MOTORS GT.22 CW.9025.-

		CANTIDAD A REPARAR
I	- <u>PARTE MECANICA</u>	
1	- <u>MOTOR DIESEL</u>	1
1-1	- <u>Desmontar M/D.</u>	
1-1-1	- Desmontar caños drenaje de agua M/D.	
1-1-2	- " " " " cámara admisión	
1-1-3	- " " alimentación a intercambiador de bomba succión aceite.-	
1-1-4	- " " alimentación de intercambiador y tanque de agua a bomba.-	
1-1-5	- " " alimentación tambor de filtros a caja coladores.-	
1-1-6	- " " aceite de regulador M/D a serve aleta.-	
1-1-7	- " " alimentación y drenaje a cab. vasos vieiros	
1-1-8	- Desmontar bulones y guías de anclaje M/D.	
1-1-9	- " soporte protectores de volante M/d.-	
1-1-10	- " placa y volante G/Principal-	
1-1-11	- " difusor y goma entrada aire turbe.-	
1-1-12	- " caño salida de colector central de agua block.-	
1-1-13	- " múltiple de escape.-	
1-1-14	- " caño ventilación aceite de intercambiador a caja contrapeso.-	
1-1-15	- " caño drenaje aceite M/D.	
1-1-16	- " protector de cardan.-	
1-1-17	- " cardan a compresor.-	
1-1-18	- " Motor diesel.-	
1-1-19	- Limpiar motor diesel, piezas y bastidor de locomotora.-	
1 + 2	- <u>DESARME COMPLETO DE MOTOR DIESEL.-</u>	1
1-2-1	- Desmontar ductos.-	
1-2-2	- " turbe	
1-2-3	- " toma de fuerza a G/Aux.	
1-2-4	- " volante M/D.	
1-2-5	- " caja de engranajes	
1-2-6	- " engranajes intermedios	
1-2-7	- " " y contrapesos de árbol de levas	
1-2-8	- " " cigüeñal	
1-2-9	- " conducto lubricación turbe	
1-2-10	- " caja de coladores	
1-2-11	- " bomba succión aceite	
1-2-12	- " " Ppal. de presión aceite y enfriam. pistones	
1-2-13	- " coños salida agua bombas	
1-2-14	- " base toma de fuerza de regulador M/D.	
1-2-15	- " tapa caja sistema sobrerrevoluciones	
1-2-16	- " cámaras	
1-2-17	- " sistema de palancas de dispositivo s/revoluciones	
1-2-18	- " contrapesos	
1-2-19	- " Caja de dispositivo s/rev.	
1-2-20	- Desmontar engranajes del impulsor del gobernador, imp. de bombas de agua, imp. de auxiliares, imp. bomba succión, imp. bomba lubricación ppal., y enfriamiento de pistones.-	
1-2-21	- Desmontar amortiguador de vibraciones.-	
1-2-22	- " caja de engranajes	
1-2-23	- " caños alimentación a colectores de combustible	
1-2-24	- " palancas, soportes y ejes comando cremalleras	

TRAINMET

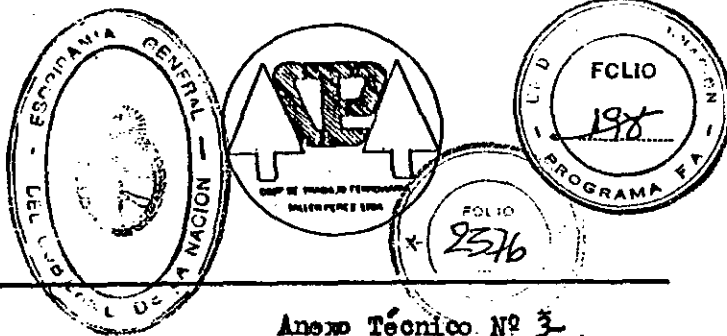
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Anexo Técnico N° 3
Tareas Adicionales: loc. G.M. OT.
22-CW. 9028

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<u>DESARME COMPLETO DE MOTOR DIESEL (Continuación)</u>		ANEXO	<u>CANTIDAD A REPARAR</u>
1-2-25	- Desmontar árbol de levas		
1-2-26	- " ejes comando levas de s/revs		
1-2-27	- " brida drenaje de cámara de aire		
1-2-28	- " cajas de balancines		
1-2-29	- " block de carter		
1-2-30	- Girar block y desmontar tapas de bancadas		
1-2-31	- Desmontar cigüeñal		
1-2-32	- Limpiar todas las piezas		
1 - 3	- <u>CIGÜEÑAL MOTOR DIESEL</u>		1
1-3-1	- Inspección visual, geométrica y por magnaflux		
1-3-2	- Recuperación de muñones de biela con aporte de material		
1-3-3	- Rectificado de muñones de biela		
1-3-4	- Pulido de muñones		
1-3-5	- Limpieza de cigüeñal		
1 - 4	- <u>TURBO SOBREALIMENTADOR</u>		1
1-4-1	- Desarme completo		
1-4-2	- Limpieza y/o descarbonización de todos y e/u de los elementos con productur y sistemas adecuados a cada caso.-		
1-4-3	- Inspección visual, geométrica y por magnaflux de todos los elementos.-		
1-4-4	- Control de balanceo dinámico del rotor		
1-4-5	- Reemplazo de juego de juntas		
1-4-6	- Armado y acondicionamiento p/su posterior montaje en M/D.-		
1 - 5	- <u>INIECTORES</u>		12
1-5-1	- Reemplazo de roscas averiadas		
1-5-2	- " " elementos bombeante		
1-5-3	- " " toberas		
1-5-4	- " " tuercas del inyector		
1 - 6	- <u>BALANCINES</u>		36
1-6-1	- Reemplazo de bujes		
1 - 7	- <u>CONJUNTO DE FUERZA</u>		12
1-7-1	- Rectificado de cilindros		
1 - 8	- <u>ARMADO COMPLETO DE M/D.-</u>		
1 - 9	- <u>MONTAJE EN LOCOMOTORA</u>		
1 - 10	- <u>ALINEACIÓN DE ALTERNADOR AR.10 - D.14.-</u>		
1 - 11	- <u>MANCHÓN ACOPILE G/AUX.</u>		
1-11-1	- Reparación de manchón		2
1-11-2	- Reemplazo de silenblock		8
1 - 12	- <u>FRENO DE MANG</u>		
1-12-1	- Reparación integral		

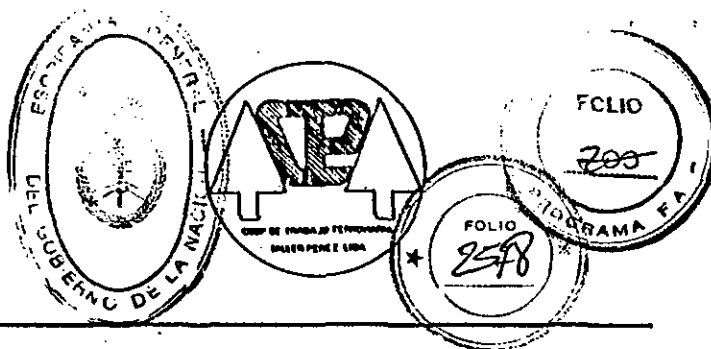
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Cooperativa de Trabajo Ferroviaria Taller Perez Ltda.

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ANEXO TECNICO Nº 4

MATERIALES ADICIONALES IOCT. G.M. G.T. 22.CW Nº 9028

ANEXO

N.U.M.	DESCRIPCION	CANT.	PRECIO
0.08.3.02.0113.0	Cordón sello siliconado e/block y carter	2	33,34
0133.0	Aro "0"	2	4,06
0139.0	Junta p/caja	1	1,65
0211.0	" de nylon del volante	1	1,10
0217.0	" tapa inspección	24	31,68
0219.0	" " "	24	27,17
0277.0	Retén extremo	8	14,70
0281.0	" de costado	8	15,20
0285.0	" " "	16	30,40
0313.0	Junta p/sorte	4	10,56
0345.0	Sello p/tapa	4	163,44
0387.0	Junta e/block y bastidor ext.	2	15,56
0389.0	" " " " " int.	2	14,46
0629.0	" paso aceite al balancín	24	2,40
0630.0	Sello válvula prueba	1	1,12
906.2123.000.0	" del codo salida agua	1	0,85
0.08.3.02.0632.0	" " " " " al morblock	2	1,96
/ 0633.0	" anillo de cierre	12	116,87
0805.0	Juego juntas p/aloj. imp. arbol de levas	1	39,27
0843.0	Junta	2	4,62
0845.0	"	2	3,66
0869.0	Junta e/tapa y alojamiento	1	4,13
0891.0	Junta	2	3,35
913.0433.000.0	"	2	0,44
0.08.3.02.0901.0	" e/tapa y placa	1	0,42
0904.0	"	1	0,65
0906.0	"	1	0,99
0933.0	"	1	25,23
913.1108.000.0	Sello	1	3,50
0.08.3.04.0397.0	Junta p/impulsor regulador	1	3,06
913.1123.000.0	Aro "0"	1	0,50
0.08.3.04.0769.0	Junta de la tapa	1	1,52
0787.0	" p/impulsor	1	2,84
906.2446.000.0	Sello aceite	1	1,57
906.2447.000.0	Reten del sello	1	31,74
0.08.3.05.2019.0	Juego Juntas p/sobrealimentador	1	174,13
913.1311.000.0	Junta p/multiple	6	31,98

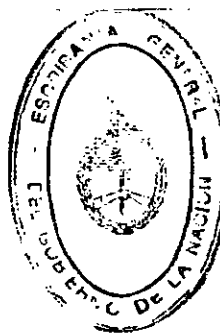
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ANEXO TECNICO Nº 4

ANEXO

HOJA Nº 2

N.U.M.	DESCRIPCION	CANT.	PRECIO
913.1171.000.0	Junta p/codo	1	7,48
0.08.3.05.2520.0	Junta e/adaptador y camara post.	1	23,01
2521.0	" unión múltiple	5	96,85
2523.0	" " adaptador	1	25,97
913.0377.000.0	Junta p/montaje bomba	2	3,85
906.2663.000.0	Junta e/colador y tapa	1	2,91
906.2665.000.0	Junta	2	0,84
901.9623.000.0	" e/codo y bomba	2	0,80
0.08.3.07.0521.0	Sello e/tapa y codo	1	1,65
0545.0	Junta	1	0,35
0564.0	"	1	0,25
0569.0	Sello e/codo y tapa impulsor	1	3,15
0577.0	Junta	1	1,32
1163.0	Juego juntas del colador	1	23,16
03.0207.0	Cojinete biela sup. STD	1	422,48
0209.0	" " inf. STD	1	293,14
06.0147.0	Juego reparación intectores	12	914,28
02.0655.0	Buje Balancín	36	265,99
913.1019.000.0	Silemblock	8	112,46
901.0419.000.0	Cadena freno mano	1	70,25
0423.000.0	Eslabón p/unión	1	7,45
0.08.9.01.0545.0	Resorte p/tensión cadena	1	46,94
900.0404.000.0	Retén p/piñón	2	10,26
900.0371.000.0	Buje	1	18,45
900.4398.000.0	"	1	14,23
900.4401.000.0	"	2	11,39
0.08.3.03.0413.0	Pistón 030' → 030?	12	9.371,72
0162.0	Biela horquilla 030.032	1	2.115,65
0571.0	Porta pistón	1	663,00
0575.0	Perno pistón	1	337,54
0579.0	Arandela de empuje	1	36,05
0581.0	Aro reten	1	6,45
02.0491.0	Cilindro rectificado a 1/2 S/M-	1	2.220,67
906.4579.000.0	Conducto flexible vent. (fuelle)	6	554,95
0.08.8.02.0097.0	Vidrio Numeración	2	60,00
2.02.2351.0	Parabrisa frontal	2	60,00
901.3001.000.0	Especjo retrovisor	2	346,90

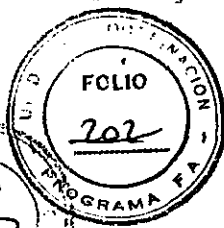
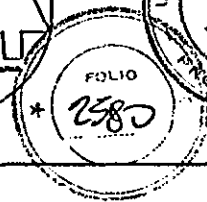
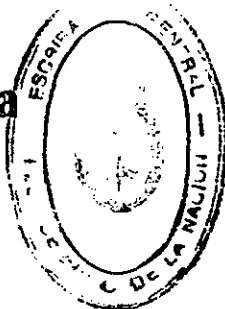
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ANEXO TECNICO Nº 4

HOJA Nº 3

ANEXO

N.U.M.	DESCRIPCION	CANT.	PRECIO
913.0949.000.0	Visera	2	66,42
0.08.2.02.3027.0	Soporte asiento giratorio	1	169,65
2957.0	Asiento giratorio	1	157,49
2997.0	Respaldo asiento	1	57,86
2963.0	Recubrimiento asiento	1	38,54
3001.0	" respaldo	1	32,55
3131.0	Apoyabrazo	2	164,12
3351.0	Parasol	4	205,03
2006.0	Ventana deslizante	1	327,30
2043.0	Vidrio ventana	4	120,00
3091.0	Asiento rebatible	1	86,96
913.1130.000.0	Burlete sala presurizada	5 mts	12,38
0.08.9.01.0427.0	Palanca freno de mano	1	399,25
06.0369.0	Tabique 1/izq.	1	148,75
0371.0	" 1/der.	1	146,50
0373.0	" central	1	135,00
03.0615.0	Protector volante G/Aux.	1	22,78
3.04.1043.0	Gato girar M/D 502	1	1.166,77
8.01.0340.0	Unión Elástica bomba agua	2	583,84
6.02.0303.0	Termometro temp. agua	1	46,66
0103.0	Manómetro p/aceite	1	96,77
913.0841.000.0	Ceño acople gob. M/D	2	14,82
913.0880.000.0	" " " "	2	14,82
0.08.3.08.9999.0	Tapa tanque agua	1	32,45
0.08.3.08.1115.0	Nivel " "	1	46,75
900.3122.000.0	Recuperador aceite compresor	1	42,75
0.08.3.04.0979.0	Protector arbol compresor	1	43,18
5.06.1276.0	Bocina	1	676,18
5.06.1234.0	Brazo I/V	1	94,74
1233.0	" "	3	284,22
913.1221.000.0	Manga aire a I/V	2	10,50
913.0841.000.0	Tubo 1/4"	4 mts	7,28
913.1354.000.0	Conector 1/4"	2	1,86
913.0081.000.0	Conector 1/4"	10	8,66
913.1372.000.0	Codo 90º NPT 1/4"	4	6,32
0.08.5.06.1258.0	Unión NPT 1/4"	2	1,45

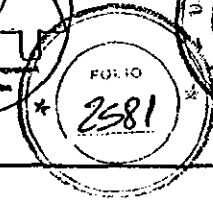
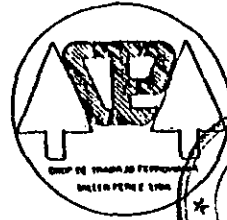
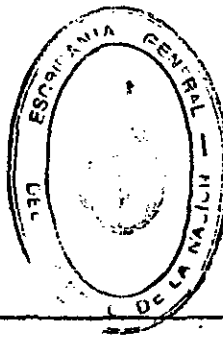
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ANEXO TECNICO Nº 4

HOJA Nº 4

ANEXO

N.U.M.	DESCRIPCION	CANT.	PRECIO
0.08.5.05.1303.0	Valvula diferencial A.1	1	258,35
2051.0	Grifo cañeria aire a cilindro	1	240,91
1.01.9999.0	Manga arenera	6 mts	79,32
2013.0	Caño aire arenoso l/izq.	1	1,57
2014.0	" " " l/der.	1	2,09
3.06.0049.0	Embolo completo	12	1.626,28
7.08.0601.0	Juego de rebobinado	2	14,400,00
0799.0	Eje inducido	1	2.280,32
0795.0	Colector	1	10.560,18
0293.0	Portaescobillas	7	1.730,12
0039.0	Tapa soporte coj. l/piñón	1	2.155,94
0063.0	" " " l/colector	1	1.838,03
1131.0	Tuerca seguro piñón	2	56,44
8.655.22.1.450.0	Rodamiento l/piñón	2	2.502,00
23.1.452.0	" " l/colector	1	950,00
8.397.63.1.180.0	Grasa Shell ciprina	3,60kg	19,15
8.561.40.1.060.0	Mylar 0,35 mm.	0,50kg	4,66
54.1.063.0	Cinta hilado de vidrio	120 mts	74,40
8.245.22.3.050.0	Barniz Dolpha	20 lts	154,20
8.561.65.3.020.0	Cordón trenzado	40mts	64,00
8.533.08.1.035.0	Portalamparas	6	14,70
913.1824.000.0	Burlete de faros	4	12,74
0.08.8.02.0539.0	Tulipa luz cabina	2	50,60
7.17.0101.0	Motor calefactor	1	247,70
8.01.0182.0	Resistencia	1	75,49
8.532.85.7.050.0	Unidad sellada	3	220,50
0.08.6.09.6035.0	Fusible 60 amp	1	2,48
906.3902.000.0	" -70 "	1	2,70
3904.000.0	" 150 "	1	8,50
0.08.6.09.6039.0	" 800 "	3	18,30
04.0619.0	Reostato de carga	1	693,86
8.02.0179.0	Marco faros cabecera	1	115,59
7.17.0009.0	Descongeladores	6	228,00
- 9999.0	Caja llaves y resistencia descong.	6	208,43
8.01.0795.0	Calentador electrico	1	16,06
913.1261.000.0	Equipo luz instrumentos	4	32,87
0.08.8.03.0147.0	Baterias	8	4.670,00

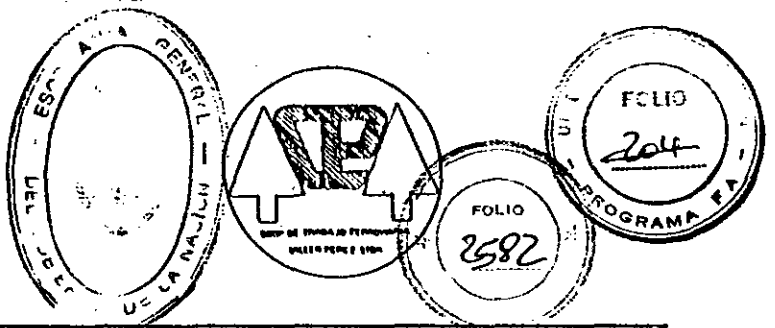
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ANEXO TECNICO Nº 4

ANEXO

HOJA Nº 5

N.U.M.	DESCRIPCION	CANT.	PRECIO
0.08.6.01.0436.0	Palanca reversa	1	20,71
901.9596.000.0	Motor pulso velocímetro	1	371,70
913.1544.000.0	Interruptor corredera	1	23,13
0.08.5.06.0001.0	Electroválvula arenera	1	334,05
901.9617.000.0	Generador de pulso velocímetro	1	2.230,20
913.0958.000.0	Perilla	2	3,44
0.08.8.02.0605.0	Portalampara	1	33,28
913.0844.000.0	Vidrio protector	2	17,04
913.0867.000.0	Protector alambre	2	66,33
0.08.7.21.0301.0	Protector motores de arranque	1	98,93
8.532.02.4.385.0	Lámpara iluminación	12	24,00

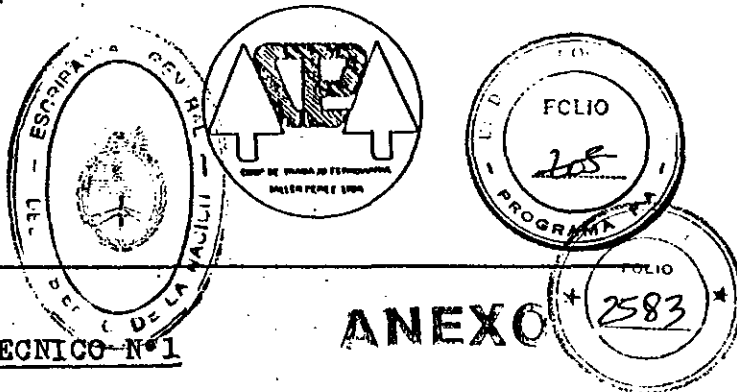
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ANEXO TECNICO-Nº1

ANEXO

LOCOMOTORAS GENERAL MOTORS G.T.22.C.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3º

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies ; sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyectores, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Fre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardan de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a c/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañería, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de alta y baja en sala de máquinas y Bastidor.-

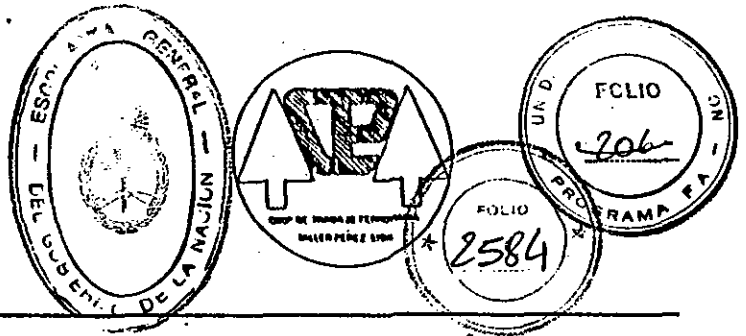
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Anexo Técnico N°1
Loots. G/M.GT. 22. CW.

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9 - MOTOR DIESEL:

ANEXO

9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-

9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

9-3-1: Desarmar y limpiar inyectores.-

9-3-2: Inspeccionar elementos bombeantes.-

9-3-3: Rectificar aguja y asentar a tobera.-

9-3-4: Controlar funcionamiento cremalleras.-

9-3-5: Reemplazar elementos filtrantes y juntas.-

9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCOINES:

9-4-1: Desarmar y limpiar.-

9-4-2: Controlar bujes, pernos y caños lubricación.-

9-4-3: Armar.-

9 - 5: PUNTES DE VALVULAS:

9-5-1: Desarmar y limpiar.-

9-5-2: Inspeccionar elementos.-

9-5-3: Armar botadores y controlar en banco de pruebas.-

9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

9-6-1: Limpiar y controlar.-

9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

9-7-1: Limpiar.-

9-7-2: Asentar aguja.-

9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

9-9-1: Desmontar culata de cilindro.-

9-9-2: " biela y pistón.-

9-9-3: Limpiar y descarbonizar.-

9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-

9-9-5: " alineación de bielas.-

9-9-6: " dimensional de canasta de biela, cilindro y pistón.-

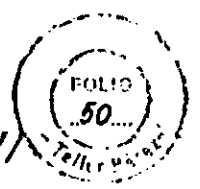
9-9-7: Bruñir cilindros.-

9-9-8: Desarmar cabezas de cilindros.-

9-9-9: Descarbonizar y lavar.-

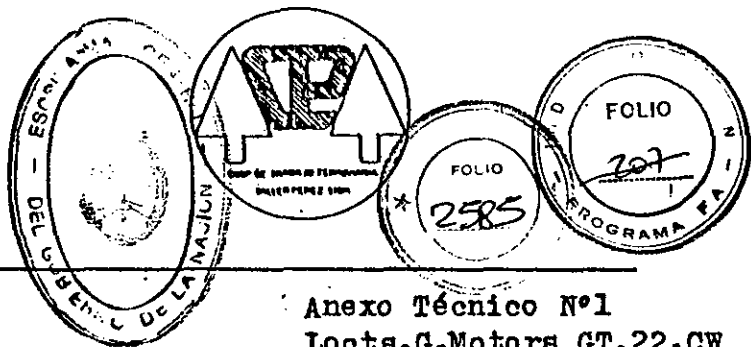
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Anexo Técnico N°1
Locs.G.Motors GT.22.CW

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Proviene de Con.de Fuerza/

ANEXO

- 9-9-10 :Controlar huelgo e/válv.y guías.-
- 9-9-11 :Rectificar válv.y asientos.-
- 9-9-12 :Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 :Efectuar prueba hidráulica.-

9 - 10 :REGULADOR M/D.-:

- 9-10-1 Desarmar y limpiar.-
- 9-10-2: Inspeccionar elementos.-
- 9-10-3: Reemplazar diafragmas y juntas.-
- 9-10-4: Armar y controlar en banco de pruebas.-

9 - 11 :BOMBA DE AGUA:

- 9-11-1 :Desarmar y limpiar.-
- 9-11-2 :Inspeccionar elementos.-
- 9-11-3 :Cambiar sello.-
- 9-11-4 :Armar y probar caudal.-

9 - 12 :GARGANTA DE TURBO:

- 9-12-1 :Descarbonizar y limpiar.-
- 9-12-2 :Inspeccionar en Magnaflux.-

9 - 13: DETECTOR DE F/POSITIVA Y B/P.ACEITE:

- 9-13-1 :Desarmar y limpiar.-
- 9-13-2 :Inspeccionar elementos.-
- 9-13-3 :Reemplazar diafragmas y juntas.-
- 9-13-4 :Armar y controlar en banco de pruebas.-

9 - 14 :INSPECTOSIATQ:

- 9-14-1 :Desarmar y limpiar.-
- 9-14-2 :Inspeccionar elementos.-
- 9-14-3 :Armar y ensayar en banco de pruebas.-

9 - 15 :VALVULA ALIVIO F/ACEITE:

- 9-15-1 :Desarmar y limpiar.-
- 9-15-2 :Inspeccionar elementos.-
- 9-15-3 :Armar, calibrar y controlar funcionamiento

9 - 16 :VALVULA 10 Y 60 LBS.:

- 9-16-1 :Desarmar y limpiar.-
- 9-16-2 :Controlar elementos.-
- 9-16-3 :Armar y efectuar prueba.-

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DE ARRABAL
PRESENTANTE

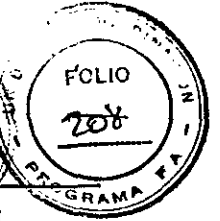
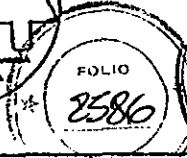
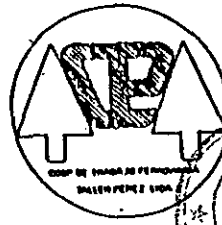
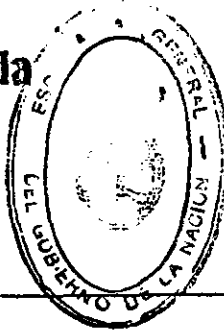
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Anexo Técnico N°1
Locts.G.Motors GT.22.0W

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ANEXO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.--
- 9-17-2: Efectuar prueba neumática.--
- 9-17-3: Acondicionar vidrios niveles.--
- 9-17-4: Pintar.--

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.--
- 10 - 2: Desarme integral del compresor.--
- 10 - 3: Limpieza de todos sus componentes.--
- 10 - 4: Desmontar rodamientos.--
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.--
- 10 - 6: Rectificado de cigüeñal.--
- 10 - 7: " " cilindros.--
- 10 - 8: Control alineación de bielas.--
- 10 - 9: Inspección de rodamientos.--
- 10 - 10: Reparación integral bomba de aceite.--
- 10 - 11: Desarme y rep. válv. admisión y escape.--
- 10 - 12: " y limpieza y reparac. del radiad. compresor.--
- 10 - 13: Reemplazo de juntas, retenes, etc.--
- 10 - 14: Armado.--
- 10 - 15: Ensayo en banco de pruebas.--
- 10 - 16: Pintura.--

11 - : CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.--
- 11 - 2: Controlar alineación y balanceo.--

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.--
- 12 - 2: Inspeccionar elementos.--
- 12 - 3: Cambiar aros "O", juntas y diafragmas.--
- 12 - 4: Armar y probar.--

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.--
- 13 - 2: Probar funcionamiento.--

14 - DEPOSITOS AIRE:

- 14 - 1: Limpiar y efectuar prueba neumática.--

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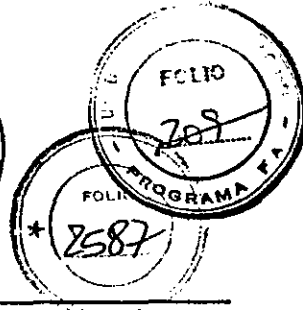
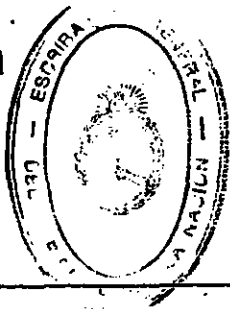
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15 - REJILLA RADIADORES:

15 - 1: Limpiar e inspeccionar.-

ANEXO

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17 - 1: Desarmar y limpiar.-

17 - 2: Baquetear.-

17 - 3: Realizar prueba hidráulica.-

17 - 4: Inspeccionar.-

17 - 5: Armar, y realizar prueba hidráulica.-

17 - 6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18 - 1: Desarmar y limpiar.-

18 - 2: Inspeccionar.-

18 - 3: Armar y realizar prueba hidráulica.-

19 - POST-ENFRIADOR:

19 - 1: Desarmar y limpiar.-

19 - 2: Inspeccionar.-

19 - 3: Armar y realizar prueba hidráulica.-

20 - REJILLAS^Y PROTECTORES:

20 -1: Limpiar e inspeccionar.-

20 -2: Reparar.-

21 - FILTROS INERCIALES:

21 -1: Limpiar e inspeccionar.-

21 -2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22 -1: Desarmar y limpiar filtros caja de coladores.-

22 -2: Cambiar filtros de tambor, pre-lubricación y turbo.-

22 -3: " juntas.-

23 - CABEZA FILTRO TURBO:

23 - 1: Desarmar y limpiar.-

23 - 2: Inspeccionar elementos.-

23 - 3: Armar y probar.-

24 - CABEZA VASOS VISORES:

24 - 1: Desarmar y limpiar.-

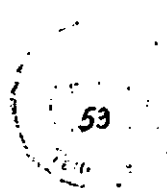
24 - 2: Armar.-

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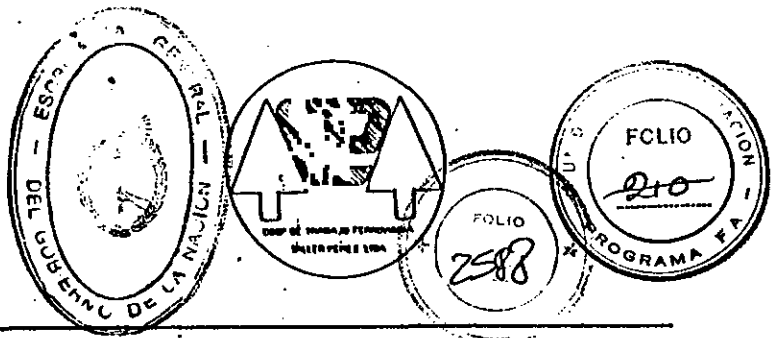
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ANEXO

25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

26 - GANCHOS CENTRALES:

- 26 -1: Desarmar ganchos.-
- 26 -2: Limpiar y arenar ganchos.-
- 26 -3: Inspeccionar fisuras y rosca.-
- 26 -4: Rellenado y normalizado.-
- 26 -5: Maquinado.-
- 26 -6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc. de rosca, chavetas y fisuras.-
- 27 - 3: Reparac. y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLPES:

- 28 -1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATO-S:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 -1: Desarmar, limpiar y armar.-
- 30 -2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Descnec. Gen. Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen. Aux.
- 31-1-6: Controlar alabes de turbina sopladora.-

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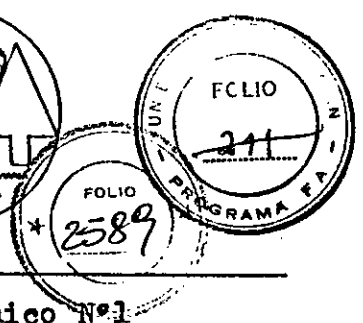
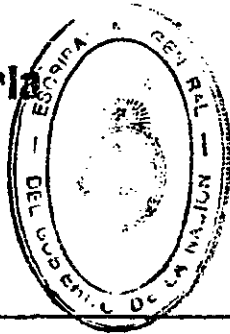
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Proviene de Gen. Auxiliar (Parte Eléct.)

ANEXO

- 31-1-7: Controlar balanceado turbina.-
- 31-1-8: " bases de Gen. Aux. (Agujeros bases sujeción M/D. Motor eléct. carcaza)
Controlar manchón de acople.-
- 31-1-9 : Desarmar y lavar gen. auxiliar.-
- 31-1-10: Controlar eléctricamente carcaza e inducido.-
- 31-1-11: Revisión de rodamientos (cambio de grasa).-
- 31-1-12: Tornear, ranurar y biselar colector.-
- 31-1-13: Normalizar portaescobillas y cambio escobillas.-
- 31-1-14: Armado Gen. Aux.-
- 31-1-15: Ensamble de carcaza turbina al G.A.-
- 31-1-16: Verificar aislación en general.-
- 31-1-17: Montar en loc. .-
- 31-1-18: Con reloj comparador, alinear.-
- 31-1-19: Acoplar fuelles de ventilación.-
- 31-1-20: Colocar acople flexible e/cardan y auxiliar.-
- 31-1-21: Conectar eléctricamente.-
- 31-1-22: Colocar tapas post. e/M/D. y sala presurizada.-
- 31 - 2 : Bombas combustible y prelubricación.-
 - 31-2-1 : Desconectar y desmontar bombas.-
 - 31-2-2 : Desarmar bombas.-
 - 31-2-3 : Lavar con solvente.-
 - 31-2-4 : Controlar rodamientos y eje.-
 - 31-2-5 : " bobinados de campos e inducidos.-
 - 31-2-6 : Tornear colector, ranurar y biselar.-
 - 31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.
 - 31-2-8 : Armar y pintar bombas.-
 - 31-2-9 : Controlar funcionamiento , aislación y caudal.-
 - 31-2-10: Montar en locomotora.-
 - 31-2-11: Conectar.-
- 31 - 3 : MOTORES DE ARRANQUE-
 - 31-3-1 : Desconectar y desmontar.-
 - 31-3-2 : Desarmar y lavar.-
 - 31-3-3 : Control de aislación e/campo y masa de carcaza.-
 - 31-3-4 : Controlar eje estriado.-
 - 31-3-5 : " eléctricamente inducido y campos.-
 - 31-3-6 : Cambio de bujes y control Bendix.-
 - 31-3-7 : Controlar placa conjunto portaescobillas.-
 - 31-3-8 : Tornear, ranurar, biselar colector.-
 - 31-3-9 : Cambio de escobillas.-
 - 31-3-10: Armar, controlar funcionamiento y aislación.-
 - 31-3-11: Montar y conectar.-

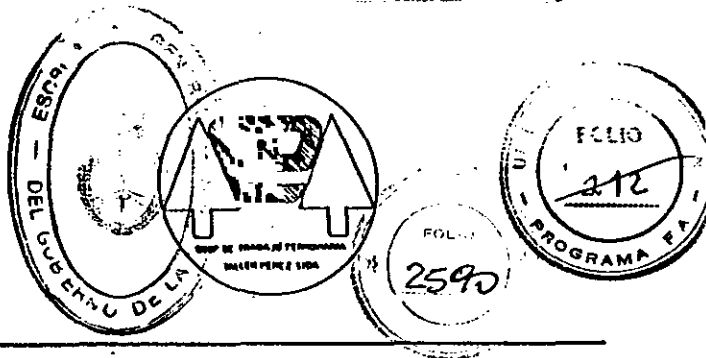


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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Tornear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en loct.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6 : B A T E R I A S.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y conexión.-

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

31 - 8 : MOTOR DE TRACCIÓN:

- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos, conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa o métodos adecuados a c/caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.-
- 31-8-6 : Controlar bandas.-

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Proviene de Motor de Tracción/

ANEXO

- 31-8-7 :Controlar ovalización del colector.-
- 31-8-8 :Tornear, biselar y ranurar inducido.-
- 31-8-9 :Controlar dimensiones en carcaza, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12: Rearmado completo, colocación de escobillas nuevas

- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

31 - 9 : MOTOR SOPLADOR DE FILTROS INERCIALES:

- 31-9-1 : Inspecc. visual de funcionamiento y control de rodamiento.-
- 31-9-2 : Ensayo de aislación.-

31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:

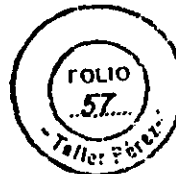
- 31-10-1: Inspecc. visual de funcionam. y conecciones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
- 31-10-2: Inspección visual de funcionamiento y conecciones de todos los relevadores en gral.-
- 31-10-3: Inspecc. visual de funcionam. y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
- 31-10-4: Inspección visual de todas las resistencias y reostatos.-
- 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadores, etc.)
- 31-10-6: Inspecc. visual de coneccionado panel RCP, SBP. y TRP. panel sensor y de patinaje WSC).-
- 31-10-7: Desconectar y desmontar reg. carga de batería.-
- 31-10-7-1: Control de ajuste en banco de prueba.-
- 31-10-7-2: Montaje y conexión sobre locomotora.-

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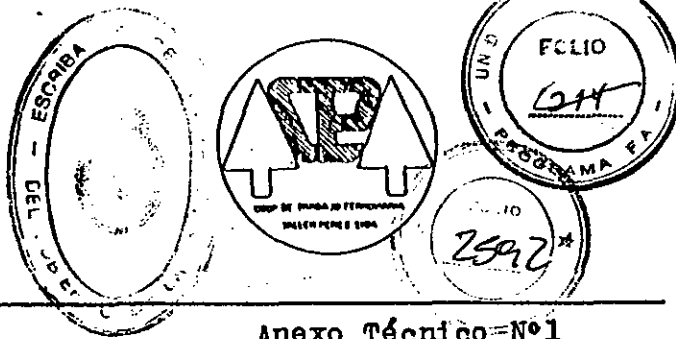
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31 - 11 - REGULADOR DE CARGA L.R.;

ANEXO

31-11-1 : Inspecc.de funcionam.superf.de contacto,
valor ohms,escobillas y conexiones.-

31 - 12 : ALTERNADOR ARI0 - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext.rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext.rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob.en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-

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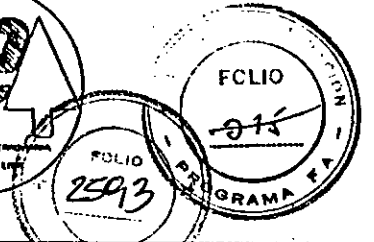
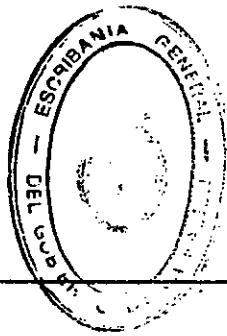
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ANEXO

Proviene de Bogies/

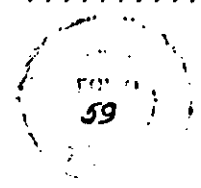
- 33 - 2 : Control estanqueidad y funcionamiento del equipo de freno en bogie. Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 : Desmontaje timonería de freno y ejes.-
- 33 - 4 : Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 : Cajas punta de eje: revisión y engrase total, desmontaje, control y montaje de rodamientos.-
- 33 - 6 : Reemplazo de colizas del pedestal.-
- 33 - 7 : Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descritas por el fabric. serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 : Controlar suspensión de nariz de Mot. de Tracc: controlar estado de los topes en el bogie (en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 : Controlar el bastidor y viga "Bolster" con tintas penetrantes, soldaduras, de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long. los trabajos se considerarán eventuales.-
- 33 - 10 : Controlar posibles desgastes en el pendular de suspensión, fijación al bastidor, apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm. se normalizarán p/soldadura. (de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos, las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 : Control de jgos. de palancas, colizad., pernos correderas regulad. de freno, portazapatas, etc.- Encasquillado de la timonería de freno con total reemplazo de bujes, pernos, chavetas.-
- 33 - 12 : Control de amortiguadores- Reemplazo de bujes de goma.-

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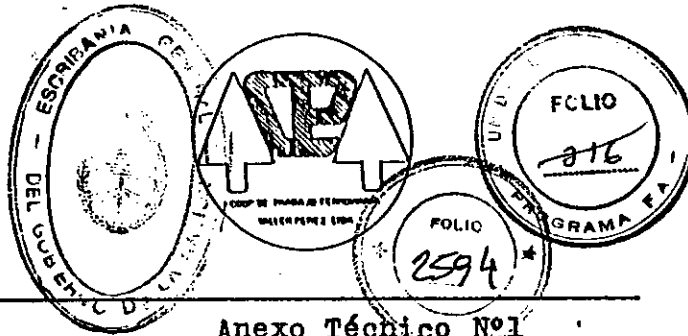
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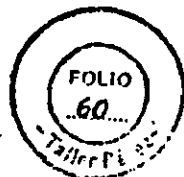
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ANEXO

- 33 - 13: Limpieza y control dimensional de cajas cubre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapañas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador. Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-aceple del cardan al M/D. y alineac.

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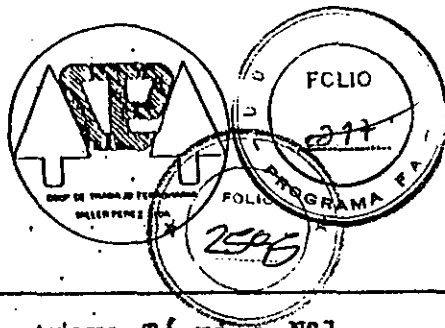
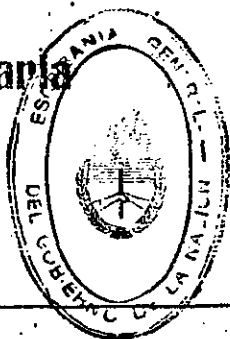
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ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.--
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.--
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.--
- 34 - 9: Montaje de la cubierta de sala de máquinas.--
- 34 - 10 : Colocación y conecc. tanque de combustible.--
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.--
- 36 - : PUESTA EN MARCHA.--
- 36 - 1 : Completar niveles de agua, aceite y combustible.--
- 36 - 2 : Control de pérdidas y estanqueidades.--
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.--
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.--
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.--
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.--
- 39 - : Viaje de Prueba en Línea.--
- 40 - : Limpieza final externa e interna para su pintado.--
- 41 - : Masillar, pulir y pintar integralmente la loct.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.--

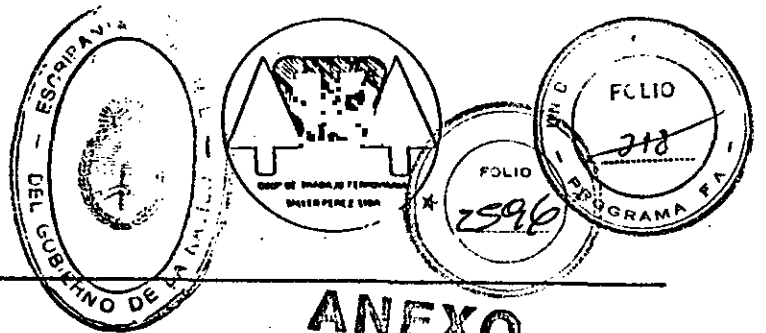
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2121 PEREZ



ANEXO

ANEXO TECNICO N°2

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca capuckon	12N°.-	8,33 :
.0129.0/	Elemento de filtro.-	24N°.-	34,56 :
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42 :
9006667000.0/	" retén de aceite.-	1N°.-	5,90 :
9006664000.0/	Guarnición.-	1N°.-	0,81 :
9006747000.0/	" anular.-	1N°.-	0,65 :
9006722000.0/	Guarnición.-	1N°.-	4,15 :
9006407000.0/	" de la tapa.-	1N°.-	12,32 :
9006587000.0/	Diafragma.-	1N°.-	10,89 :
9002817000.0/	Aro.-	2N°.-	0,99 :
9006618000.0/	"	1N°.-	0,55 :
9002793000.0/	"	4N°.-	2,20 :
9131505000.0/	Sello.-	1N°.-	9,50 :
8.888.90.1.989.0/	"	1N°.-	1,81 :
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02 :
.0403.0/	Sello de aceite.-	1N°.-	14,29 :
9006599000.0/	Guarnición.-	1N°.-	2,03 :
0.08.3.09.1229.0/	"	1N°.-	1,16 :
9006713000.0/	"	1N°.-	1,77 :
9006704000.0/	Sello anular.-	1N°.-	5,32 :
9006688000.0/	" "	1N°.-	4,36 :
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50 :
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83 :
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84 :
.0629.0/	Junta para lubricación.-	24N°.-	2,83 :
9131487000.0/	Elemento filtrante.-	7N°.-	270,62 :
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89 :
.0711.0/	Filtro blindado.-	2N°.-	29,82 :
.1443.0/	Sello.-	1N°.-	39,19 :
.0645.0/	Junta de vaso.-	2N°.-	0,87 :
.0735.0/	Aro "O".-	2N°.-	0,85 :
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93 :
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76 :
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,67 :
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54 :
9131197000.0/	Junta.-	2N°.-	11,16 :
9062580000.0/	"	2N°.-	3,20 :
9131171000.0/	Junta para codo.-	2N°.-	14,96 :
9131540000.0/	Junta para brida.-	2N°.-	3,19 :
9062880000.0/	" " "	2N°.-	6,16 :
9131197000.0/	Junta.-	1N°.-	2,79 :
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26 :
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64 :
.1163.0/	" " " p/colador.-	1N°.-	24,37 :
.1409.0/	Filtro turbo grande.-	1N°.-	25,71 :

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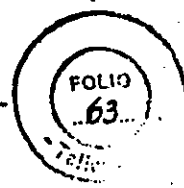
ANEXO N°2
Mat. Neg. Rep. Basica
Equiv. N°3°.-

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02 :
.05.2803.0/	" de aire.-	12 N°.-	2.096,69 :
9007689000.0/	Jgo.de reparación 260.	1 N°.-	59.- :
9008722000.0/	" " " 26F.	1 N°.-	102.- :
9019895000.0/	" " " S A 6.-	1 N°.-	102.- :
9019891000.0/	" " " H S 4.-	1 N°.-	98,87 :
9019882000.0/	" " " V A 1.-	1 N°.-	110.- :
0.08.5.05.1061.0/	Jgo.reparación M U 2 B.-	1 N°.-	8.- :
9019892000.0/	" " " A 1.-	1 N°.-	12.- :
9019881000.0/	" " " H B 5.-	1 N°.-	27,50 :
9008797000.0/	" " " P 2 A.-	1 N°.-	65.- :
0.08.5.05.1912.0/	" " " válv.N°8.-	1 N°.-	8.- :
.1424.0/	" " " carga A.1.-	1 N°.-	66,94 :
9019887000.0/	" " " H/M.	1 N°.-	40.- :
9007632000.0/	Válvula selladora.-	1 N°.-	6,98 :
9002712000.0/	Aro "0".-	1 N°.-	2,44 :
9007763000.0/	" retén.-	1 N°.-	3,21 :
9002739000.0/	" " " "0".-	1 N°.-	2,68 :
9007665000.0/	Aro.-	1 N°.-	2,44 :
9002710000.0/	" "	1 N°.-	1,62 :
9002998000.0/	Sello.-	2 N°.-	3,20 :
9002745000.0/	Aro "0".-	2 N°.-	4,19 :
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40 :
0.08.5.05.1159.0/	" " " "	1 N°.-	0,23 :
.2601.0/	Aro "0" (1/4" int.)	1 N°.-	2,14 :
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62 :
9131480000.0/	" " "	1 N°.-	3,14 :
9002696000.0/	" " (17mm.)	1 N°.-	1,77 :
9131218000.0/	Asiento.-	4 N°.-	14,07 :
9131219000.0/	Aro "0".-	1 N°.-	0,92 :
9004107000.0/	Junta de goma.-	1 N°.-	0,58 :
0.08.5.05.2373.0/	Aro "0".-	1 N°.-	2,97 :
9131214000.0/	Junta.-	1 N°.-	1,43 :
0.08.5.05.2315.0/	Aro "0".-	1 N°.-	0,82 :
.2316.0/	Junta.-	1 N°.-	15,53 :
.2317.0/	" "	1 N°.-	0,54 :
.3647.0/	Anillo de goma.-	1 N°.-	0,82 :
.3645.0/	Diafragma.-	1 N°.-	1,27 :
0.08.3.02.0622.0/	Jgo.juntas e/cab.y cilindro.-	12 N°.-	577,83 :
.03.0362.0/	Jgo.de aros STD.-	12 N°.-	2.711,75 :
.08.0051.0/	Jgo.de sello.-	2 N°.-	274,80 :
.0151.0/	Juego de juntas.-	2 N°.-	16,91 :
.5.01.0541.0/	Perno pistón B/P.y vacío.-	5 N°.-	207,98 :
.0525.0/	Junta.-	1 N°.-	10,56 :
.0545.0/	Perno pistón A/P.	1 N°.-	50,46 :
.0703.0/	Buje.-	5 N°.-	85,48 :
.0715.0/	Cojinete de biela.-	12 N°.-	262,69 :
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12 :
.0397.0/	Juego aros B/P.	2 N°.-	137,18 :
.0423.0/	" " " A/P.	1 N°.	34,58 :

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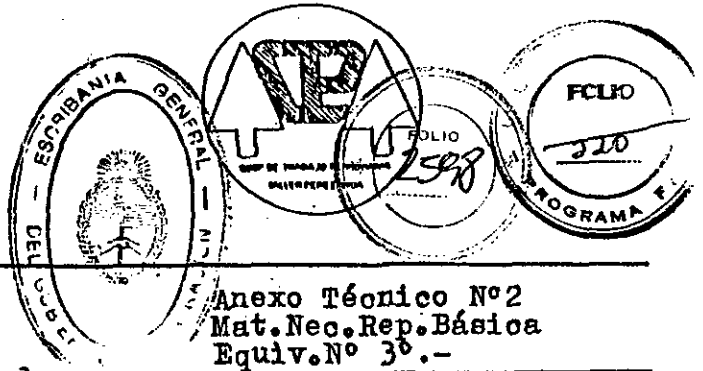
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Anexo Técnico N°2
Mat. Nec. Rep. Básica
Equiv. N° 3°.-

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.5.01.0487.0/	Juntas.-	2 N°.-	6,30 :
.0489.0/	"	2 N°.-	3,74 :
.0535.0/	"	2 N°.-	30,38 :
.0531.0/	"	1 N°.-	14,59 :
9061512000.0/	Juntas tapa lateral.-	2 N°.-	7,43 :
9061522000.0/	Junta.-	10 N°.-	21,45 :
9061529000.0/	"	2 N°.-	2,23 :
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 N°.-	4,95 :
9061521000.0/	Junta.-	3 N°.-	2,34 :
0.08.5.01.0065.0/	Retén.-	2 N°.-	22,05 :
9131019000.0/	Silemblock.-	20 N°.-	281,16 :
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 N°.-	297,36 :
.0173.0/	" p/sello.-	24 N°.-	1.167,44 :
.0175.0/	Sello retén.-	24 N°.-	133,81 :
9130436000.0/	Buje.-	10 N°.-	43,62 :
9064002000.0/	"	16 N°.-	103,95 :
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 N°.-	209,20 :
.0921.0/	Buje.-	4 N°.-	20,61 :
.0923.0/	"	12 N°.-	79,23 :
.0927.0/	"	4 N°.-	17,83 :
.0931.0/	"	4 N°.-	17,91 :
.0935.0/	Ferno.-	8 N°.-	194,77 :
.0973.0/	Ferno c/ rosca hembra.-	8 N°.-	135,92 :
.0975.0/	" " " "	8 N°.-	135,92 :
.1017.0/	Ferno.-	2 N°.-	50,97 :
.1019.0/	"	2 N°.-	52,41 :
9000362000.0/	Zapata fundida.-	12 N°.-	256,30 :
0.08.1.01.1211.0/	Buje.-	24 N°.-	138,57 :
.1213.0/	"	32 N°.-	159,94 :
.1217.0/	Ferno p/traba.-	8 N°.-	421,47 :
.1265.0/	Ferno.-	16 N°.-	359,91 :
.1291.0/	"	4 N°.-	133.- :
.1295.0/	Ferno.-	2 N°.-	40,87 :
.1317.0/	"	16 N°.-	294,42 :
.1411.0/	Guardapolvo.-	6 N°.-	96,94 :
.1413.0/	Abrazadera p/guardapolvo.0	6 N°.-	21,85 :
.1497.0/	Sello fieltro.-	24 N°.-	67,20 :
.1508.0/	" protector.-	6 N°.-	192.- :
.1509.0/	Retén.-	6 N°.-	153,57 :
.1517.0/	" de sello.-	6 N°.-	170,50 :
9006247000.0/	Empaquetadura taza p/pistón.-	8 N°.-	144,64 :
9019989000.0/	Conjunto guía pedestal.-	24 N°.-	2.592,33 :
0.08.7.01.1345.0/	Escobilla AR.10.-	4 N°.-	45,13 :
.1351.0/	" D.14.-	4 N°.-	29,34 :
9131615000.0/	" E.44.-	8 N°.-	78,29 :
0.08.7.21.0041.0/	Buje I/ colector.-	2 N°.-	5,89 :
9131694000.0/	Buje p/ carcasa guía.-	2 N°.-	2,67 :
9131695000.0/	" " " espaciadora.-	2 N°.-	4,18 :
0.08.7.21.0091.0/	Escobilla c/terminal.-	24 N°.-	71,29 :

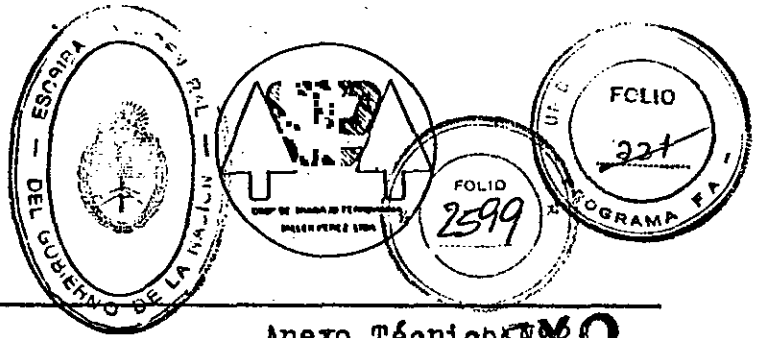
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Anexo Técnico **ANEXO**
Mat. Nec. Rep. Basica
Num. 3°.-

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- 4 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	Escobilla.-	4N°.-	15,61
.08.0389.0/	" DE.7	48N°.-	743,40
8.343.03.1.555.0/	Esmalte sintético negro.-	28 Lts.	180,60
.105.0/	" " verde.-	35 Lts.	211,75
.220.0/	" " amarillo.-	12Lts.	108,24
.110.0/	" " rojo.-	12 Lts.	91,44
.115.0/	" " Rojo.-	6 Lts.-	59,46
.999.9/	" " Blanco.-	1 Lt.-	8,46
8.349.10.2.050.0/	Thinner.-	40 Lts.	43,20
8.233.71.3.010.0/	Masilla plástica.-	4Kgs.-	15,40
8.229.54.4.005.0/	Lija al agua.-	20 N°.-	10,80
8.593.99.9.999.0/	Cinta de enmascarar.-	2 N°.-	4,08
8.245.53.4.020.0/	Jabón en polvo.-	2 Kgs.-	3,32
8.247.01.1.001.0/	Estopa.-	12	30,36
.50.1.001.0/	Trapo blanco.-	10 Kgs.-	33,20
8.349.05.1.030.0/	Líquido p/limpieza.-	600Lts.-	378.-
8.397.10.1.130.0/	Aceite turbina YPF.68.-	60Lts.-	111,51
.38.1.115.0/	" YPF.397.-	760Lts.-	1.763,20
.10.1.150.0/	" " 78.-	3 Lts.	7,08
.66.1.100.0/	Grasa.-YPF.96.-	30Kgs.-	21,60
.63.1.114.0/	" " 63.-	15Kgs.-	39,60
.118.0/	" Shell Ciprina.-	1 Kg.-	5,32
8.245.20.8.020.0/	Barniz Cliptal.-	4 Lts.-	29,40
8.260.19.5.070.0/	Soda Cáustica.-	10Kgs.-	13,90
8.390.05.1.018.0/	Gas-Oil.-	1500Lts.	525.-
8.395.10.2.045.0/	Gas envasado.-	45 Kgs.	44,60
8.260.03.1.020.0/	Acido muriático.-	2 Lts.	2.-
8.233.26.3.010.0/	Silastic.-	1 Kg.	28,58
8.500.01.1.050.0/	Estaño al 50%.-	1 Kg.	23,60
8.395.15.2.006.0/	Acetileno.-	6 Kgs.	66,84
.30.2.006.0/	Oxígeno.-	6 m3.-	15,54
8.081.01.1.016.0/	Alambre cincado.-	3 Kgs.-	6,57
8.575.13.3.019.0/	Fieltro en plancha 3/4".-	3 Kgs.-	23,79

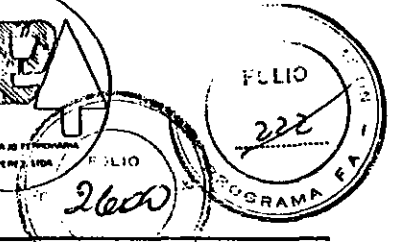
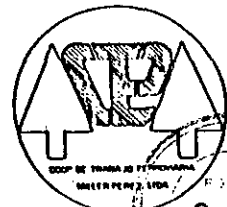
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ANEXO

ANEXO TECNICO Nº 3

TAREAS ADICIONALES REPARAC. LOCT. G.M. CT. 22. CW. Nº 9029

	<u>CANTIDAD A REPARAR</u>
I - <u>PARTE MECANICA.-</u>	
1 - <u>MOTOR DIESEL.-</u>	
1 - 1 : Inyector	12
1-1-1 : Reemplazo de roscas averiadas (Espigas)	
1-1-2 : " " elementos bombeantes.-	
1-1-3 : " " toberas.-	
1-1-4 : " " tuercas.-	
1 - 2 : <u>Balancines.-</u>	36
1-2-1 : Reemplazar bujes.-	
1 - 3 : <u>Múltiple de escape.-</u>	2
1-3-1 : Reemplazar fuelles.-	
1 - 4 : <u>Manchón Acople Generador Auxiliar</u>	
1-4-1 : Reemplazo de silemblock	8
1 - 5 : <u>Protector volante.-</u>	
1-5-1 : Colocación	1
2 - 6 : <u>TUBERIAS Y ELEMENTOS DEL SISTEMA NEUMATICO :</u>	
1-6-1 : Colocar soporte de mangas de vacío y aire comprimido. -2	
1-6-2 : Reparar cañería en trompa larga bajo bastidor.-	1
II - <u>PARTE ELECTRICA.-</u>	
2 - : <u>CIRCUITO Y EQUIPOS ELECTRICOS.-</u>	
2 - 1 : <u>MOTOR DE TRACCION :</u>	
2-1-1 : Rebobinado de armadura	6
2-1-2 : Recambio de colector	1
2-1-3 : Cambio del eje del inducido	1
2-1-4 : Reemplazar caja soporte y alesar alojamiento de coj!	2
2-1-5 : Desmontaje, desarme y reparación bobina de campo : de commutación Ppales.-	48
2-1-6 : Cambiar aislación completa de campos	4

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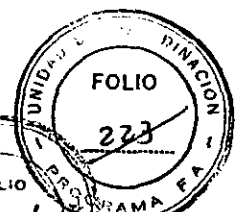
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Anexo Técnico N° 3
Loots. G.M. GT. 22. OW. N° 9029
Tareas eventuales

- 2 -

Proviene de Parte Eléctrica Hoja 1)

- ANEXO
- | | |
|--|--|
| <p>2 - 2 : <u>CIRCUITOS EN GENERAL Y AUXILIAR.-</u></p> <p>2-2-1 : Colocación de resistencia eléctrica (faltante) en calefactor de cabina.-</p> <p>2-2-2 : Fabricación cañería y cableado de electroventiladores a gabinete eléctrico de contactores AC1-AC2.-</p> <p>2-2-3 : Desconectar alternador ARL0-D14 y tomar aislación</p> <p>2-2-4 : Colocación de base, llavés y motores desempañadores.</p> <p>2-2-5 : Reparar equipo luz de cabina</p> <p>2-2-6 : Colocar reostato y equipo luz de instrumentos.-</p> <p>2-2-7 : Colocar lámparas luces testigos.-</p> <p>2-2-8 : Colocar alternador, velocímetro y motor velocímetro.</p> <p>2-2-9 : Colocar campana de alarma.-</p> <p>2-2-10 : Reparar manga y línea regulador Motor Diesel</p> <p>2-2-11 : Reparación equipo luz clasificación.-</p> <p>2-2-12 : Recambio amperímetro motor tracción</p> <p>2-2-13 : Colocar calentador eléctrico.-</p> <p>3 - <u>BASTIDOR Y CARROGERIA.-</u></p> <p>3-1 : Reemplazo de cerraduras y picaportes en cabina</p> <p>3-2 : " " ventanas corredizas.-</p> <p>3-3 : " " parabrisas frontales y traseros.</p> <p>3-4 : " " espejos retrovisores.-</p> <p>3-5 : Colocar viseras en ventanas.-</p> <p>3-6 : " trabas en puerta sala presurizada.-</p> <p>3-7 : Desmontar, enderezar y montar miriñaque.-</p> <p>3-8 : Colocar mangas areneras.-</p> <p>3-9 : Reparación íntegra de asientos conduc. y pre-conductor</p> <p>3-10 : " " " 3er. asiento y apoya brazos</p> <p>3-11 : Reemplazar fuelles ventilación a M/T.</p> <p>3-12 : Reparar caja compartimiento baterías.-</p> <p>3-13 : " tapas " "</p> <p>3-14 : Colocar manijas accionamientos puertas gabinete de Motor Diesel.-</p> | <p>1</p> <p>1</p> <p>1</p> <p>6</p> <p>1</p> <p>1 c/u.</p> <p>1</p> <p>1 c/u.</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>1</p> <p>2</p> <p>2</p> <p>2</p> <p>4</p> <p>2</p> <p>3</p> <p>6</p> <p>2</p> <p>2</p> <p>5</p> |
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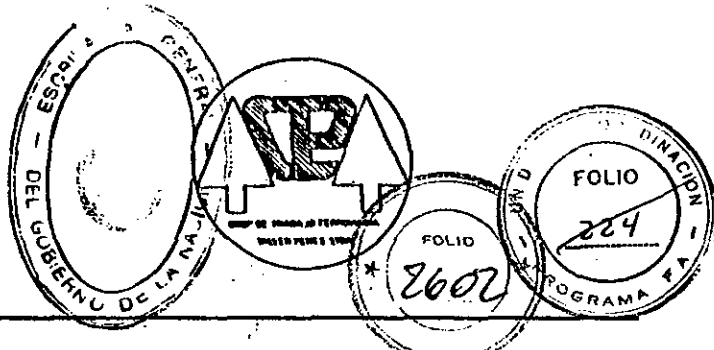
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ANEXO TECNICO N° 4

MATERIALES ADICIONALES PARA REPARACION LOCT. GENERAL MOTORS GT.22.CW. N° 9029.-

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.06.0147.0/	Jgo.reparación inyector.-	12 N°.-	914,28
.02.0655.0/	Buje de balancín.-	36 N°.-	265,99
.05.2511.0/	Flexible múltiple escape.-	2 N°s.	2.439,05
.2521.0/	Junta unión múltiple.-	4 N°.-	77,48
9131019000.0/	Silemblock.-	8 N°s.	112,46
0.08.7.08.1601.0/	Juego de rebobinado.-	6 N°s.	43.200.-
.1127.0/	Piñón.-	6 N°s.	9.926,73
.0795.0/	Colector.-	1 N°.-	10.560,18
8.655.22.1.450.0/	Rodamiento L/piñón.-	6 N°.-	7.506.-
.23.1.452.0/	" L/colector.-	6 N°.-	5.700.-
0.08.7.08.0799.0/	Eje del inducido.-	1 N°.-	2.280,32
.0293.0/	Portaescobillas.-	24 N°.-	5.931,68
.0965.0/	Junta.-	6 N°.-	13,18
.0967.0/	"	6 N°.-	25,50
.0109.0/	Placa de desgaste inf.	6 N°.-	64,89
.0107.0/	" " " sup.	6 N°.-	174,91
.1131.0/	Tuerca deguro piñón.-	6 N°s.	153,52
.0039.0/	Tapa soporte coj.L/piñón.-	2 N°.-	4.311,89
.0063.0/	" " " L/colector	2 N°.-	3.676,06
8.397.63.1.180.0/	Grasa Shell Ciprina.-	5,40Kgs	28,73
8.561.54.1.125.0/	Cinta hilado de vidrio	1500mts.	1.502,76
.40.1.060.0/	Myl-ar 0,35mms.	0,90Kgs	8,48
.54.1.063.0/	Cinta hilado de vidrio.-	150 Mts	93.-
8.502.01.1.025.0/	Electrodo.-	9 Kgs	35,73
.01.2.004.0/	"	1,20Kgs	4,86
.02.4.014.0/	"	1,50Kgs	7,29
8.561.50.1.080.0/	Cinta blanca.-	600mts.	96.-
8.245.22.3.050.0/	Barniz Dolphs.-	60Lts.	462,60
8.561.53.1.150.0/	Cinta no adhesiva.-	180mts.	21,60
8.260.37.1.035.0/	Acelerador.-	0,15Lts	2,21
.040.0/	Catalizador.-	0,75Lts	8,36
8.260.37.1.010.0/	Resina poliester.-	15Lts.	56,55
8.561.65.3.020.0/	Cordón trenzado.-	120mts.	192.-
8.501.30.1.011.0/	Plata p/soldar.-	0,15Kgs.	13,01
8.500.01.1.050.0/	Estaño al 50%.-	3 Kgs.	70,80
.37.6.025.0/	Resina p/soldar.-	0,90Kgs	9,58
0.08.8.01.0182.0/	Resistencia calefact.de cab.	1 N°	58.-
8.530.50.3.120.0/	Cable de 25mm2.-	42	136,50
8.531.74.2.025.0/	Terminal 25mm2.Secc.	12N°.-	5,95
0.08.7.17.0009.0/	Desempañador.-	6N°.-	228.-
.9999.0/	Caja de llaves y resist.de- sempañador.-	6N°.-	208,43
.8.0220529.0/	Equipo luz cabina.-	1N°.-	38,18
.6.09.6453.0/	Reostato luz instrumentos.-	1N°.-	23,07
9131261000.0/	Equipo luz instrumento.-	4 N°	32,87

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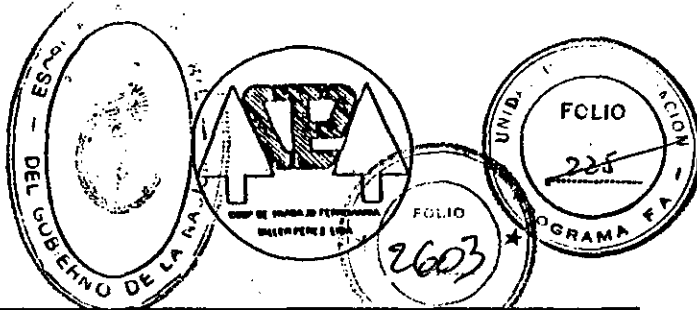
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Anexo Técnico N°4
Mat.Event.p/Rep.Loct.
G.M.GT.22.OV.N° 9029

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- 2 -

ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO	TOTAL \$
8.532.58.2.050.0/	Lámpara luz testigo.-	2 N°.-	4,15	
9019524000.0/	Instrumento velocímetro.-	1 N°.-	9.366,84	
9019596000.0/	Motor velocímetro.-	1 N°.-	371,70	
9019611000.0/	Generador de pulso(alt.de ruedas)	1 N°.-	2.230,20	
9005731000.0/	Campana de alarma.-	1 N°.-	85,81	
0.08.8.05.0251.0/	Manga conex.eléct.a reg.	1 N°.-	118,50	
.6.02.0013.0/	Amperímetro M/T.	1 N°.-	83,70	
8.530.50.3.050.0/	Cable siliconado lmm2-	60Mts.-	6,60	
0.08.8.03.0147.0/	Batería.-	8 N°.-	4.670.-	
.9.03.0673.0/	Acople flexible(fuelle).-	1 N°.-	110,36	
9130958000.0/	Perillas.-	2 N°.-	3,44	
0.08.9.06.0275.0/	Extractor de impurezas.-	1 N°.-	25,45	
.8.01.0795.0/	Calentador eléctrico.-	1 N°.-	16,06	
8.532.02.4.385.0/	Lámp-ara iluminación.-	10 N°s.	20.-	
9019783000.0/	Cerradura puerta cabina.-	2 N°.	360,98	
9019813000.0/	Picaporte.-	2 N°.	40,10	
0.08.2.02.2527.0/	Parabrisas puerta.-	2 N°.	60,00	
.2351.0/	" frontal.-	2 N°.	60,00	
9013001000.0/	Espejo retrovisor.-	2 N°.	346,90	
9130949000.0/	Visera de ventana.-	2 N°.	66,42	
0.08.5.06.1233.0/	Brazo limpiaparabrisas.-	3 N°.	193,62	
.2.02.2963.0/	Recubrimiento cuero p/asiento	2 N°.	77,08	
.3001.0/	" " p/respaldo	2 N°.	65,10	
.3131.0/	Apoya brazo.-	1 N°.-	82,06	
.3091.0/	Asiento rebatible.-	1 N°.-	86,96	
.3351.0/	Parasol completo.-	4 N°.-	205,03	
.2043.0/	Vidrio ventana deslizante.-	2 N°.-	60,00	
0.08.1.01.9999.0/	Manga arenera.-	6 Mts	79,32	
.6.02.0603.0/	Termómetro temp.agua.-	1 N°.-	46,66	
.5.03.0011.0/	Manga de aire comprimido.-	3 N°.-	24,61	
.2.02.1491.0/	Malla frontal der.y post.izq.	2 N°.-	43,25	
.1493.0/	" " izq. y " der.	2 N°.-	43,25	
9030615000.0/	Protector de cardan.-	1 N°.-	22,78	
8.290.35.2.218.0/	Manga PVC.1/4" Ø int.	3 Mts.-	12,60	
8.229.26.1.100.0/	Soga.-	4 Mts.-	1,04	
9064579000.0/	Conducto ventil.flex.(fuelle)	6 N°.-	554,95	
0.08.3.06.0049.0	Embolo completo	12 N°.-	1626,18	

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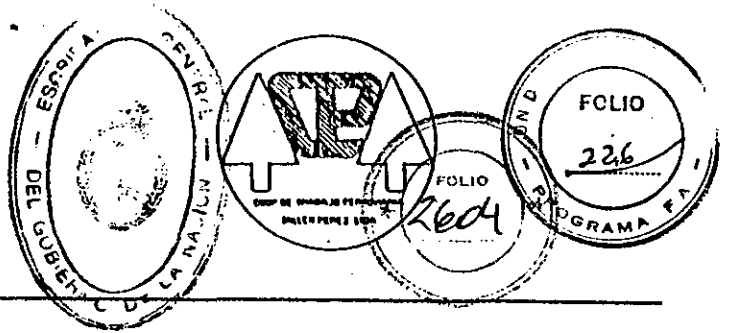
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ANEXO TECNICO N°1

ANEXO

LOCOMOTORAS GENERAL MOTORS G.T.22.C.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies ; sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyectores, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Pre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardan de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a c/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañería, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de altaybaja en sala de máquinas y Bastidor.-

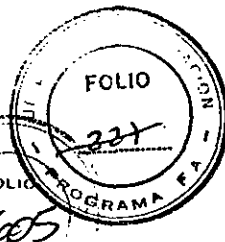
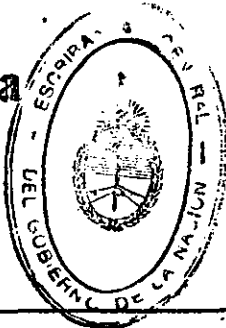
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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

- 2 - ANEXO

...//(Cont.)

9 - MOTOR DIESEL:

9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-

9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

9-3-1: Desarmar y limpiar inyectores.-

9-3-2: Inspeccionar elementos bombeantes.-

9-3-3: Rectificar aguja y asentar a tobera.-

9-3-4: Controlar funcionamiento cremalleras.-

9-3-5: Reemplazar elementos filtrantes y juntas.-

9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCINES:

9-4-1: Desarmar y limpiar.-

9-4-2: Controlar bujes, pernos y caños lubricación.-

9-4-3: Armar.-

9 - 5: PUNTES DE VALVULAS:

9-5-1: Desarmar y limpiar.-

9-5-2: Inspeccionar elementos.-

9-5-3: Armar botadores y controlar en banco de pruebas.-

9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS
COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

9-6-1: Limpiar y controlar.-

9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

9-7-1: Limpiar.-

9-7-2: Asentar aguja.-

9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

9-9-1: Desmontar culata de cilindro.-

9-9-2: " biela y pistón.-

9-9-3: Limpiar y descarbonizar.-

9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-

9-9-5: " alineación de bielas.-

9-9-6: " dimensional de canasta de biela, cilindro y pistón.-

9-9-7: Bruffir cilindros.-

9-9-8: Desarmar cabezas de cilindros.-

9-9-9: Descarbonizar y lavar.-

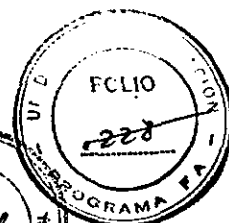
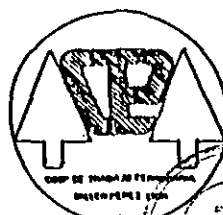
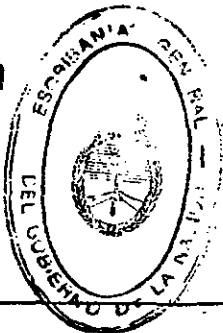
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Anexo Técnico N°1
Loats.G.Motors GT.22.CW

...///(Cont.)

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ANEXO

Proviene de Con.de Fuerza/

- 9-9-10 :Controlar huelgo e/válv.y guías.-
- 9-9-11 :Rectificar válv.y asientos.-
- 9-9-12 :Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 :Efectuar prueba hidráulica.-

9 - 10 :REGULADOR M/D.-:

- 9-10-1 Desarmar y limpiar.-
- 9-10-2: Inspeccionar elementos.-
- 9-10-3: Reemplazar diafragmas y juntas.-
- 9-10-4: Armar y controlar en banco de pruebas.-

9 - 11 :BOMBA DE AGUA:

- 9-11-1 :Desarmar y limpiar.-
- 9-11-2 :Inspeccionar elementos.-
- 9-11-3 :Cambiar sello.-
- 9-11-4 :Armar y probar caudal.-

9 - 12 :GARGANTA DE TURBO:

- 9-12-1 :Descarbonizar y limpiar.-
- 9-12-2 :Inspeccionar en Magnaflux.-

9 - 13: DETECTOR DE P/POSITIVA Y B/P.ACEITE:

- 9-13-1 :Desarmar y limpiar.-
- 9-13-2 :Inspeccionar elementos.-
- 9-13-3 :Reemplazar diafragmas y juntas.-
- 9-13-4 :Armar y controlar en banco de pruebas.-

9 - 14 :INSPECTOSTATO:

- 9-14-1 :Desarmar y limpiar.-
- 9-14-2 :Inspeccionar elementos.-
- 9-14-3 :Armar y ensayar en banco de pruebas.-

9 - 15 :VALVULA ALIVIO P/ACEITE:

- 9-15-1 :Desarmar y limpiar.-
- 9-15-2 :Inspeccionar elementos.-
- 9-15-3 :Armar, calibrar y controlar funcionamiento

9 - 16 :VALVULA 10 Y 60 LBS.:

- 9-16-1 :Desarmar y limpiar.-
- 9-16-2 :Controlar elementos.-
- 9-16-3 :Armar y efectuar prueba.-

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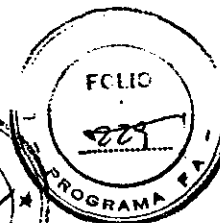
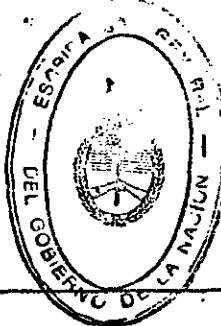
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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

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ANEXO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.-
- 9-17-2: Efectuar prueba neumática.-
- 9-17-3: Acondicionar vidrios niveles.-
- 9-17-4: Pintar.-

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.-
- 10 - 2: Desarme integral del compresor.-
- 10 - 3: Limpieza de todos sus componentes.-
- 10 - 4: Desmontar rodamientos.-
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.-
- 10 - 6: Rectificado de cigüeñal.-
- 10 - 7: " " cilindros.-
- 10 - 8: Control alineación de bielas.-
- 10 - 9: Inspección de rodamientos.-
- 10 - 10: Reparación integral bomba de aceite.-
- 10 - 11: Desarme y rep. válv. admisión y escape.-
- 10 - 12: " y limpieza y reparac. del radiad. compresor.-
- 10 - 13: Reemplazo de juntas, retenes, etc.-
- 10 - 14: Armado.-
- 10 - 15: Ensayo en banco de pruebas.-
- 10 - 16: Pintura.-

11 - : CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.-
- 11 - 2: Controlar alineación y balanceo.-

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.-
- 12 - 2: Inspeccionar elementos.-
- 12 - 3: Cambiar aros "O", juntas y diafragmas.-
- 12 - 4: Armar y probar.-

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.-
- 13 - 2: Probar funcionamiento.-

14 - DEPOSITOS AIRE:

- 14 - 1: Limpiar y efectuar prueba neumática.-

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Anexo Técnico N°1
Locs. G. Motors GT.22.0W

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ANEXO

15 - REJILLA RADIADORES:

15 - 1: Limpiar e inspeccionar.-

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17 - 1: Desarmar y limpiar.-

17 - 2: Baquetear.-

17 - 3: Realizar prueba hidráulica.-

17 - 4: Inspeccionar.-

17 - 5: Armar, y realizar prueba hidráulica.-

17 - 6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18 - 1: Desarmar y limpiar.-

18 - 2: Inspeccionar.-

18 - 3: Armar y realizar prueba hidráulica.-

19 - POST-ENFRIADOR:

19 - 1: Desarmar y limpiar.-

19 - 2: Inspeccionar.-

19 - 3: Armar y realizar prueba hidráulica.-

20 - REJILLAS^Y PROTECTORES:

20 -1: Limpiar e inspeccionar.-

20 -2: Reparar.-

21 - FILTROS INERCIALES:

21 -1: Limpiar e inspeccionar.-

21 -2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22 -1: Desarmar y limpiar filtros caja de coladores.-

22 -2: Cambiar filtros de tambor, pre-lubricación y turbo.-

22 -3: " juntas.-

23 - CABEZA FILTRO TURBO:

23 - 1: Desarmar y limpiar.-

23 - 2: Inspeccionar elementos.-

23 - 3: Armar y probar.-

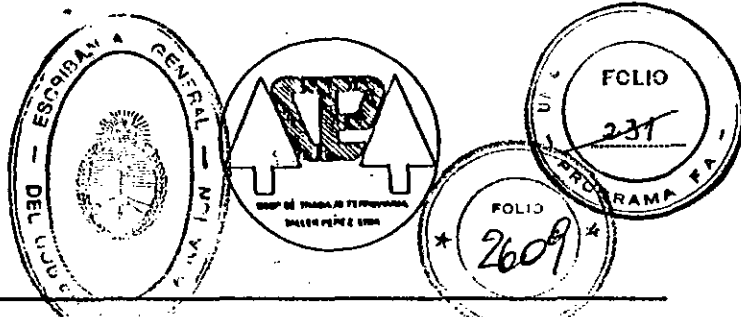
24 - CABEZA VASOS VISORES:

24 - 1: Desarmar y limpiar.-

24 - 2: Armar.-

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Anexo Técnico N°1
Locs. G. Motors GT. 22.0W

ANEXO

...////////(cont.)

-6-

25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

26 - GANCHOS CENTRALES:

- 26 - 1: Desarmar ganchos.-
- 26 - 2: Limpiar y arenar ganchos.-
- 26 - 3: Inspeccionar fisuras y rosca.-
- 26 - 4: Rellenado y normalizado.-
- 26 - 5: Maquinado.-
- 26 - 6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc. de rosca, chavetas y fisuras.-
- 27 - 3: Reparac. y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLFES:

- 28 - 1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATOS:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 - 1: Desarmar, limpiar y armar.-
- 30 - 2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Desconec. Gen. Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen. Aux.
- 31-1-6: Controlar alabes de turbina sopladora.-

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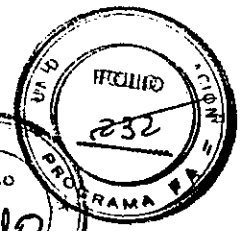
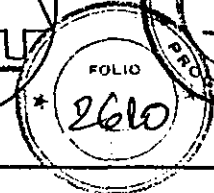
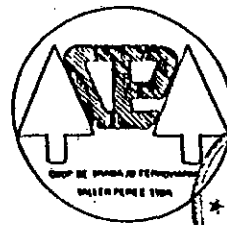
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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

ANEXO

...////////(Cont.)

- 7 -

Proviene de Gen. Auxiliar (Parte Eléct.)

- 31-1-7: Controlar balanceado turbina.-
- 31-1-8: " bases de Gen. Aux. (Agujeros bases sujeción M/D. Motor eléct. carcaza)
Controlar manchón de acople.-
- 31-1-9 : Desarmar y lavar gen. auxiliar.-
- 31-1-10: Controlar eléctricamente carcaza e inducido.-
- 31-1-11: Revisión de rodamientos (cambio de grasa).-
- 31-1-12: Tornear, ranurar y biselar colector.-
- 31-1-13: Normalizar portaescobillas y cambio escobillas.-
- 31-1-14: Armado Gen. Aux.-
- 31-1-15: Ensamble de carcaza turbina al G.A.-
- 31-1-16: Verificar aislación en general.-
- 31-1-17: Montar en loct.-
- 31-1-18: Con reloj comparador, alinear.-
- 31-1-19: Acoplar fuelles de ventilación.-
- 31-1-20: Colocar acople flexible e/cardan y auxiliar.-
- 31-1-21: Conectar eléctricamente.-
- 31-1-22: Colocar tapas post. e/M/D. y sala presurizada.-
- 31 - 2 : Bombas combustible y prelubricación.-
 - 31-2-1 : Desconectar y desmontar bombas.-
 - 31-2-2 : Desarmar bombas.-
 - 31-2-3 : Lavar con solvente.-
 - 31-2-4 : Controlar rodamientos y eje.-
 - 31-2-5 : " bobinados de campos e inducidos.-
 - 31-2-6 : Tornear colector, ranurar y biselar.-
 - 31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.
 - 31-2-8 : Armar y pintar bombas.-
 - 31-2-9 : Controlar funcionamiento , aislación y caudal.-
 - 31-2-10: Montar en locomotora.-
 - 31-2-11: Conectar.-
- 31 - 3 : MOTORES DE ARRANQUE-
 - 31-3-1 : Desconectar y desmontar.-
 - 31-3-2 : Desarmar y lavar.-
 - 31-3-3 : Control de aislación e/campo y masa de carcaza.-
 - 31-3-4 : Controlar eje estriado.-
 - 31-3-5 : " eléctricamente inducido y campos.-
 - 31-3-6 : Cambio de bujes y control Bendix.-
 - 31-3-7 : Controlar placa conjunto portaescobillas.-
 - 31-3-8 : Tornear, ranurar, biselar colector.-
 - 31-3-9 : Cambio de escobillas.-
 - 31-3-10: Armar, controlar funcionamiento y aislación.-
 - 31-3-11: Montar y conectar.-

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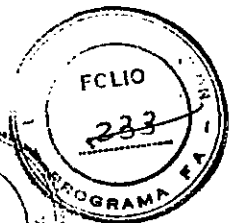
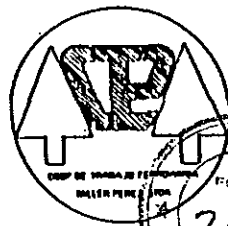
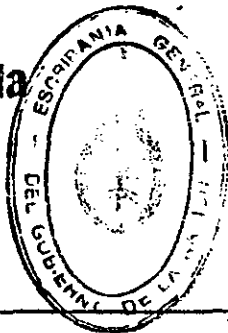
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Anexo Técnico N°1
Locs.G.Motors GT.22.0W

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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar .-
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Tornear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en locot.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6 : B A T E R I A S.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y coneccionada.-

31.- 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

31 - 8 : MOTOR DE TRACCIÓN:

- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa c/métodos adecuados a c/ caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.-
- 31-8-6 : Controlar bandas.-



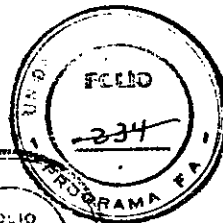
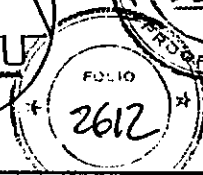
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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

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ANEXO

Proviene de Motor de Tracción/

- 31-8-7 : Controlar ovalización del colector.-
- 31-8-8 : Torneear, biselar y ranurar inducido.-
- 31-8-9 : Controlar dimensiones en carcasa, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12: Rearmado completo, colocación de escobillas nuevas

- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

31 - 9 : MOTOR SOPLADOR DE FILTROS INERCIALES:

- 31-9-1 : Inspecc. visual de funcionamiento y control de rodamiento.-
- 31-9-2 : Ensayo de aislación.-

31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:

- 31-10-1: Inspecc. visual de funcionam. y conexiones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
- 31-10-2: Inspección visual de funcionamiento y conexiones de todos los relevadores en gral.-
- 31-10-3: Inspecc. visual de funcionam. y conec. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
- 31-10-4: Inspección visual de todas las resistencias y reostatos.-
- 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadores, etc.)
- 31-10-6: Inspecc. visual de conecionado panel RCF, SBP. y TRP. panel sensor y de patinaje WSC).-
- 31-10-7: Desconectar y desmontar reg. carga de batería.-
- 31-10-7 - 1: Control de ajuste en banco de prueba.-
- 31-10-7 - 2: Montaje y conexión sobre locomotora.-

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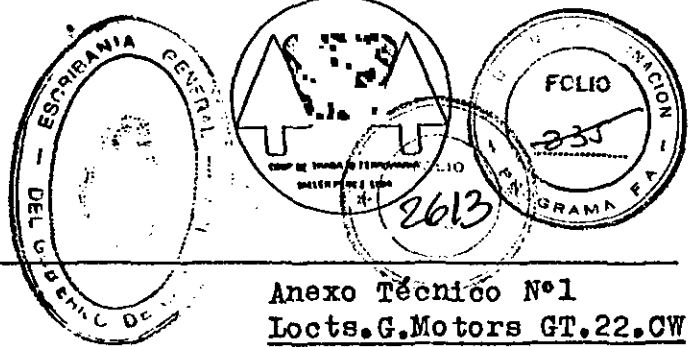
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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

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ANEXO

31 - 11 - REGULADOR DE CARGA L.R.;

31-11-1 : Inspecc. de funcionam. superf. de contacto,
valor ohms, escobillas y conexiones.-

31 - 12 : ALTERNADOR ARI0 - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext. rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext. rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob. en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : : :

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burlètes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-

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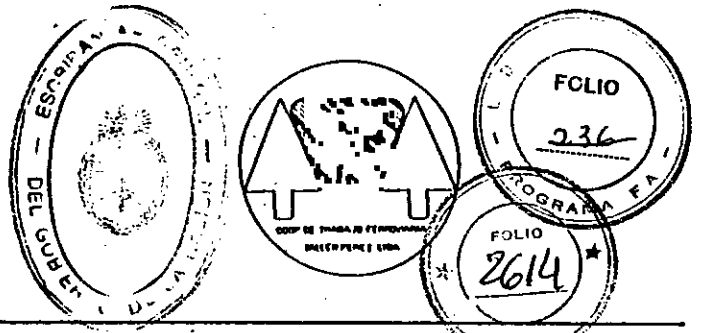
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Anexo Técnico N°1
Loc. G. Motors GT. 22. CW

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ANEXO

Proviene de Bogies/

- 33 - 2 : Control estanqueidad y funcionamiento del equipo de freno en bogie. Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 : Desmontaje timonería de freno y ejes.-
- 33 - 4 : Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 : Cajas punta de eje: revisión y engrase total, desmontaje, control y montaje de rodamientos.-
- 33 - 6 : Reemplazo de colizas del pedestal.-
- 33 - 7 : Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descriptas por el fabric. serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 : Controlar suspensión de nariz de Mot. de Tracc. controlar estado de los topes en el bogie (en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 : Controlar el bastidor y viga "Bolster" con tintas penetrantes, soldaduras, de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long. los trabajos se considerarán eventuales.-
- 33 - 10 : Controlar posibles desgastes en el pendular de suspensión, fijación al bastidor, apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm. se normalizarán p/soldadura. (de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos, las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 : Control de jgos. de palancas, colizad., pernos correderas regulad. de freno, portazapatas, etc.- Encasquillado de la timonería de freno con total reemplazo de bujes, pernos, chavetas.-
- 33 - 12 : Control de amortiguadores-Reemplazo de bujes de goma.-

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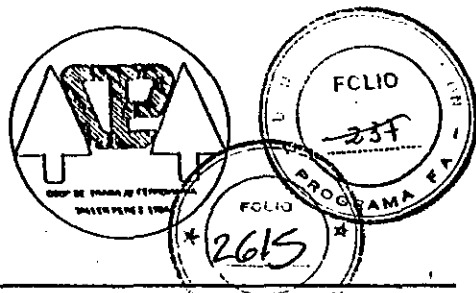
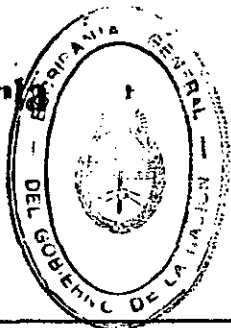
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Anexo Técnico N°1
Loct. GR. GT. 22. CW.

...////////// (Cont.)

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ANEXO

- 33 - 13: Limpieza y control dimensional de cajas cubre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador. Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-acople del cardan al M/D. y alineación

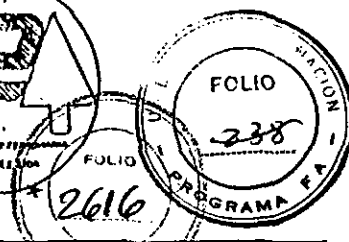
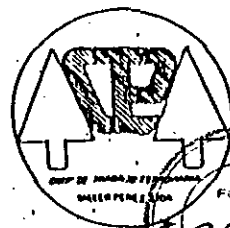
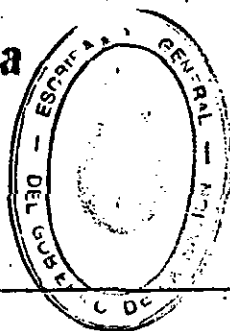


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Anexo Técnico Nº1
Locts. G/M.GT. 22.CW.

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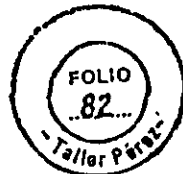
- 13 -

ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conec. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-
- 36 - : PUESTA EN MARCHA.-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loct.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

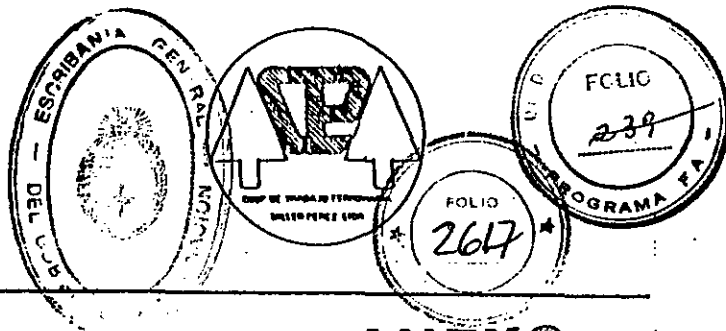
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ANEXO

ANEXO TECNICO N°2

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$ TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca capuchón	12N°.-	8,37
.0129.0/	Elemento de filtro.-	24N°.-	34,56
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42
9006667000.0/	" retén de aceite.-	1N°.-	5,90
9006664000.0/	Guarnición.-	1N°.-	0,81
9006747000.0/	" anular.-	1N°.-	0,65
9006722000.0/	Guarnición.-	1N°.-	4,15
9006407000.0/	" de la tapa.-	1N°.-	12332
9006587000.0/	Diafragma.-	1N°.-	10,89
9002817000.0/	Aro.-	2N°.-	0,99
9006618000.0/	"	1N°.-	0,55
9002793000.0/	"	4N°.-	2,20
9131505000.0/	Sello.-	1N°.-	9,50
8.888.90.1.989.0/	"	1N°.-	1,81
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02
.0403.0/	Sello de aceite.-	1N°.-	14,29
9006599000.0/	Guarnición.-	1N°.-	2,03
0.08.3.09.1229.0/	"	1N°.-	1,16
9006713000.0/	"	1N°.-	1,77
9006704000.0/	Sello anular.-	1N°.-	5,32
9006688000.0/	" "	1N°.-	4,36
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83
.02.0479.0/	" " juntas p/oilindros.-	12N°.-	255,84
.0629.0/	Junta para lubricación.-	24N°.-	2,83
9131487000.0/	Elemento filtrante.-	7N°.-	270,62
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89
.0711.0/	Filtro blindado.-	2N°.-	29,82
.1443.0/	Sello.-	1N°.-	39,19
.0645.0/	Junta de vaso.-	2N°.-	0,87
.0735.0/	Aro "O".-	2N°.-	0,85
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54
9131197000.0/	Junta.-	2N°.-	11,16
9062580000.0/	"	2N°.-	3,20
9131171000.0/	Junta para codo.-	2N°.-	14,96
9131540000.0/	Junta para brida.-	2N°.-	3,19
9062880000.0/	" " "	2N°.-	6,16
9131197000.0/	Junta.-	1N°.-	2,79
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64
.1163.0/	" " " p/colador.-	1N°.-	24,37
.1409.0/	Filtro turbo grande.-	1N°.-	25,71

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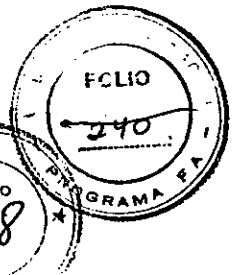
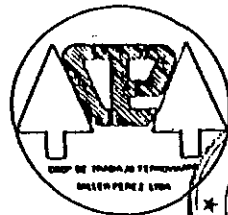
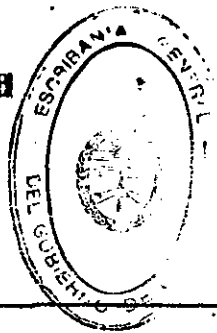
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Anexo Técnico N°2
Mat. Nec. Rep. Básica
Equiv. N°30.-

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ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo.de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	3 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo.reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " " válv.N°8.-	1 N°.-	8.-
.1424.0/	" " " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "O".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " " "O".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	" "	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "O".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " "	1 N°.-	0,23
.2601.0/	Aro "O" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "O".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "O".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "O".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	" "	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo.juntas e/cab.y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo.de aros STD.-	12 N°.-	2.711,76
.08.0051.0/	Jgo.de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P.y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	TRAINMET " " A/P.	1 N°.	34,58

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Anexo Técnico N°2
Mat.Nec.Rep.Básica
Equiv.N° 30

ANEXO

- 3 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.5.01.0487.0/	Juntas.-	2 N°.-	6,30
.0489.0/	"	2 N°.-	3,74
.0535.0/	"	2 N°.-	30,38
.0531.0/	"	1 N°.-	14,59
9061512000.0/	Juntas tapa lateral.-	2 N°.-	7,43
9061522000.0/	Junta.-	10 N°.-	21,45
9061529000.0/	"	2 N°.-	2,23
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 N°.-	4,95
9061521000.0/	Junta.-	3 N°.-	2,34
0.08.5.01.0065.0/	Retén.-	2 N°.-	22,05
9131019000.0/	Silemblock.-	20 N°.-	281,16
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 N°.-	297,36
.0173.0/	" p/sello.-	24 N°.-	1.167,44
.0175.0/	Sello retén.-	24 N°.-	133,81
9130436000.0/	Buje.-	10 N°.-	43,62
9064002000.0/	"	16 N°.-	103,95
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 N°.-	209,20
.0921.0/	Buje.-	4 N°.-	20,61
.0923.0/	"	12 N°.-	79,23
.0927.0/	"	4 N°.-	17,83
.0931.0/	"	4 N°.-	17,91
.0935.0/	Perno.-	8 N°.-	194,73
.0973.0/	Perno c/ rosca hembra.-	8 N°.-	135,92
.0975.0/	" " " "	8 N°.-	135,92
.1017.0/	Perno.-	2 N°.-	50,97
.1019.0/	"	2 N°.-	52,41
9000362000.0/	Zapata fundida.-	12 N°.-	256,30
0.08.1.01.1211.0/	Buje.-	24 N°.-	138,57
.1213.0/	"	32 N°.-	159,94
.1217.0/	Perno p/traba.-	8 N°.-	421,47
.1265.0/	Perno.-	16 N°.-	359,91
.1291.0/	"	4 N°.-	133.-
.1295.0/	Perno.-	2 N°.-	40,87
.1317.0/	"	16 N°.-	294,42
.1411.0/	Guardapolvo.-	6 N°.-	96,94
.1413.0/	Abrazadera p/guardapolvo.ø	6 N°.-	21,85
.1497.0/	Sello fieltro.-	24 N°.-	67,20
.1508.0/	" protector.-	6 N°.-	192.-
.1509.0/	Retén.-	6 N°.-	153,57
.1517.0/	" de sello.-	6 N°.-	170,50
9006247000.0/	Empaquetadura taza p/pistón.-	8 N°.-	144,64
9019989000.0/	Conjunto guía pedestal.-	24 N°.-	2.592,33
0.08.7.01.1345.0/	Escobilla AR.10.-	4 N°.-	45,13
.1351.0/	" D.14.-	4 N°.-	29,34
9131615000.0/	" E.44.-	8 N°.-	78,29
0.08.7.21.0041.0/	Buje l/ colector.-	2 N°.-	5,89
9131694000.0/	Buje p/ carcasa guía.-	2 N°.-	2,67
9131695000.0/	" " espaciadora.-	2 N°.-	4,18
0.08.7.21.0091.0/	Escobilla c/terminal.-	24 N°.-	71,29

TRAINMET

- 3/4 -

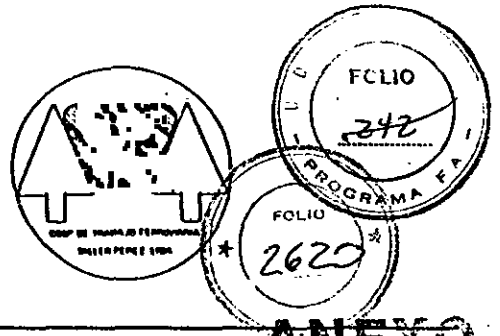
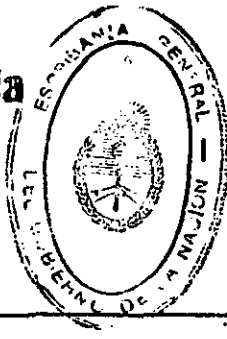


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ANEXO
Anexo Técnico N° 2
Mat. Neo. Rep. Básica
Num. 3°.-

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- 4 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	: Escobilla.-	: 4N°.-	: 15,61
: .08.0389.0/	: " DE.7	: 48N°.-	: 743,40
: 8.343.03.1.555.0/	: Esmalte sintético negro.-	: 28 Lts.	: 180,60
: .105.0/	: " " verde.-	: 35 Lts.	: 211,75
: .220.0/	: " " amarillo.-	: 12Lts.	: 108,24
: .110.0/	: " " rojo.-	: 12 Lts.	: 91,44
: .115.0/	: " " Rojo.-	: 6 Lts.-	: 59,46
: .999.9/	: " " Blanco.-	: 1 Lt.-	: 8,46
: 8.349.10.2.050.0/	: Thinner.-	: 40 Lts.	: 43,20
: 8.233.71.3.010.0/	: Masilla plástica.-	: 4Kgs.-	: 15,40
: 8.229.54.4.005.0/	: Lija al agua.-	: 20 N°.-	: 10,80
: 8.593.99.9.999.0/	: Cinta de enmascarar.-	: 2 N°.-	: 4,08
: 8.245.53.4.020.0/	: Jabón en polvo.-	: 2 Kgs.-	: 3,32
: 8.247.01.1.001.0/	: Estopa.-	: 12 -	: 30,36
: .50.1.001.0/	: Trapo blanco.-	: 10 Kgs.-	: 33,20
: 8.349.05.1.030.0/	: Líquido p/limpieza.-	: 600Lts.-	: 378.-
: 8.397.10.1.130.0/	: Aceite turbina YPF.68.-	: 60Lts.-	: 111,51
: .38.1.115.0/	: " YPF.397.-	: 760Lts.-	: 1.763,20
: .10.1.150.0/	: " " 78.-	: 3 Lts.	: 7,08
: .66.1.100.0/	: Grasa.-YPF.96.-	: 30Kgs.-	: 21,60
: .63.1.114.0/	: " " 63.-	: 15Kgs.-	: 39,60
: .118.0/	: " Shell Ciprina.-	: 1 Kg.-	: 5,32
: 8.245.20.8.020.0/	: Barniz Cliptal.-	: 4 Lts.-	: 29,40
: 8.260.19.5.070.0/	: Soda Cáustica.-	: 10Kgs.-	: 13,90
: 8.390.05.1.018.0/	: Gas-Öil.-	: 1500Lts.	: 525.-
: 8.395.10.2.045.0/	: Gas envasad .-	: 45 Kgs.	: 44,60
: 8.260.03.1.020.0/	: Acido muriático.-	: 2 Lts.	: 2.-
: 8.233.26.3.010.0/	: Silastic.-	: 1 Kg.	: 28,58
: 8.500.01.1.050.0/	: Estaño al 50%.-	: 1 Kg.	: 23,60
: 8.395.15.2.006.0/	: Acetileno.-	: 6 Kgs.	: 66,84
: .30.2.006.0/	: Oxígeno.-	: 6 m3.-	: 15,54
: 8.081.01.1.016.0/	: Alambre cincado.-	: 3 Kgs.-	: 6,57
: 8.575.13.3.019.0/	: Fieltro en plancha 3/4".-	: 3 Kgs.-	: 23,79

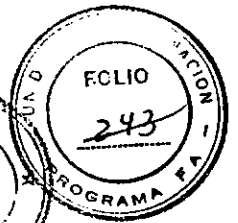
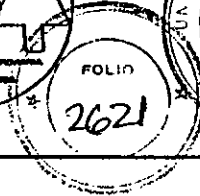
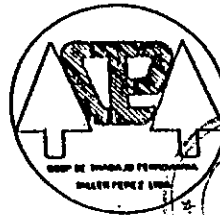
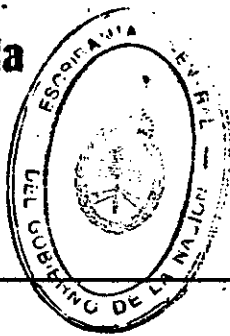
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ANEXO TECNICO Nº 3 ANEXO

TAREAS ADICIONALES LOCOMOTORA GENERAL MOTORS GT.22.CW Nº9035

	<u>CANTIDAD</u>
<u>I -</u>	<u>A REPARAR</u>
- PARTE MECANICA -	
1) <u>Motor Diesel:</u>	
1 - 1 <u>inyectores :</u>	12 Nº
1-1-1 : Reemplazo de roscas averiadas.-	
1-1-2 : " " elementos bombeantes.-	
1-1-3 : " " toberas.-	
1-1-4 : " " tuercas inyector.-	
1 - 2 <u>Balancines:</u>	33 Nº
1-2-1 : Reemplazo de bujes.-	
1 - 3 <u>Manchón acople Generador Auxiliar:</u>	
1-3-1 : Desmontaje del M/D. Reparación.-	
1-3-2 : Reemplazo de silemblock.-	8 Nº
1-3-3 : Montaje manchón a M/D.	
1 - 4 <u>Tuberías y elementos del Sistema neumático:</u>	
1-4-1 : Reemplazo de caños a motores L/vidrios.-	5 Nº
1-4-2 : " " mangas L/V.	2 Nº
1-4-3 : " " " aire comprimido.-	7 Nº
1-4-4 : " " " vacío.-	1 Nº
1-4-5 : Colocación de traba soporte manga a/c.	7 Nº
1-4-6 : " mangas areneras.-	2 Nº
1-4-7 : " " aire a areneras.-	2 Nº
II -	
- PARTE ELECTRICA -	
2) <u>Circuitos y Equipo eléctrico:</u>	
2 - 1 <u>Electroventiladores:</u>	
2-1-1 : Rebobinado de electroventiladores.-	2 Nº
2-1-2 : Cambio de eje.-	1 Nº
2-1-3 : " " rodamientos.-	4 Nº
2 - 2 <u>Circuitos y general y auxiliares:</u>	
2-2-1 : Cambio de yemas de contactores AC1-AC2-	12 Nº
2-2-2 : Desmontar, reparar y montar equipo luz clasif.	2 Nº
2-2-3 : Montar caja de llave, resist. y motores descongeladores.-	6 Nº
2-2-4 : Montar calentador.-	1 Nº
2-2-5 : " equipo luz instrumento.-	4 Nº
2-2-6 : " llave rotativa calefactor.-	1 Nº
2-2-7 : " gen. de pulsos, velocímetro y cables de conexión de velocímetro.-	1 Nº

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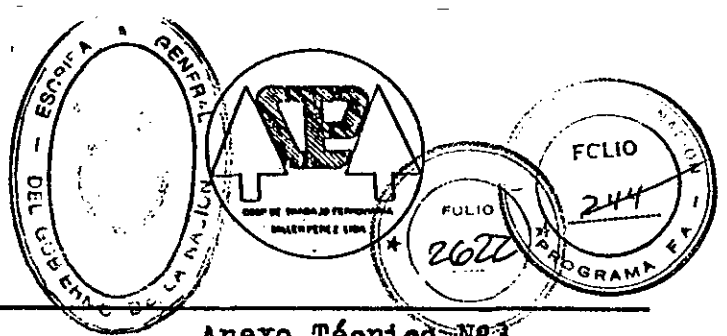
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**Cooperativa de Trabajo Ferroviaria
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Anexo Técnico N°3
Tareas Adicionales-Loct.
G.M. Q.T. 22.0W N°9035

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- 2 -

ANEXO

CANTIDAD A
REPARAR.-

2-2-8 :Montar campana de alarma.-	1 N°
2-2-9 :Rebobinar inducido de motor bomba combustible	1 N°
2-2-10:Cambiar rodamientos bomba combustible.-	2 N°
2-2-11:Reparar manga conexión electrogobernador M/D.	1 N°

3) - Carrocería:

3 - 1 :Cambiar vidrios de puertas y parabrisas.-	3 N°
3 - 2 : " espejos retrovisores.-	2 N°
3 - 3 : Reparar asiento giratorio.-	2 N°
3 - 4 :Reparar respaldo asiento giratorio.-	2 N°
3 - 5 :Colocar parasol.-	4 N°
3 - 6 : " vidrio ventana deslizante.-	1 N°
3 - 7 : " asiento rebatible.-	1 N°
3 - 8 :Reparar puerta sala máquinas.-	3 N°
3 - 9 : " pasamano frontal trasero izq.	1 N°
3 -10 :Colocar protector arbol Gen.Aux.	1 N°
3 -11 : " cierre de puerta.-	1 N°
3 -12 :Reparar miriflaque.-	2 N°
3 -13 : " pollera trompa corta.-	1 N°

4) - Bogies:

4 - 1 :Recambio de ruedas.-	12 N°
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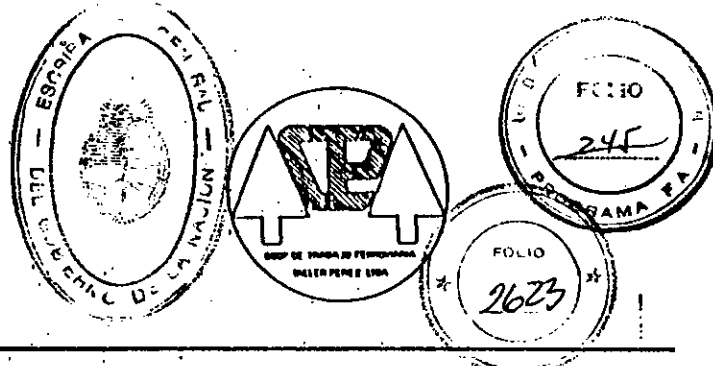
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ANEXO

ANEXO TECNICO N°4

MATERIALES ADICIONALES IOCT.GM.G.T.22.C.W N°9035

N.U.M.	DESCRIPCION	CANT.	PRECIO \$
0.08.3.06.0003.0/	Inyector.-	1	643,05
.0147.0/	Jgo.reparac.inyect.	11	838,09
.0475.0/	Caño conexión inyector.-	1	59,27
3.02.0699.0/	Puente de válvula.-	2	311,28
.0653.0/	Balancín.-	1	170,82
3.04.1093.0/	Válvula prueba cilindro.-	1	74,77
3.02.0655.0/	Buje balancín.-	33	243,85
.0491.0/	Cilindro rectificado O30"	1	2.071,16
3.03.0413.0/	Pistón O30".-	1	780,86
3.03.0207.0/	Cojinete biela sup.STD.	1	400,63
.0209.0/	" " inf.STD.	1	277,81
9.03.0615.0/	Protector cardan G/Aux.	1	22,78
9131019000.0/	Silemblock.-	8	112,46
0.08.9.03.0653.0/	Eje.-	1	846,48
.5.06.1233.0/	Brazo I/V.	5	473,70
2.02.2527.0/	Parabrisa puerta cabina.-	1	30,00
.2351.0/	" frontal fijo del.y tras.	2	60,00
9013001000.0/	Espejo retrovisor.-	2	346,90
9131221000.0/	Manga aire I/V.	2	10,50
9130841000.0/	Tubo 1/4".-	4Mts.	7,28
9131354000.0/	Conector 1/4".-	2	1,86
9130081000.0/	" 1/4".-	10	8,66
9131372000.0/	Codo 90° NPT.1/4".-	4	6,32
0.08.5.06.1258.0/	Unión NPT. 1/4".-	2	1,45
2.02.2963.0/	Recubrimiento cuero p/asiento.-	2	77,08
.3001.0/	" " p/respaldo	2	65,10
.3091.0/	Asiento rebatible.-	1	86,96
.3351.0/	Parasol.-	4	205,03
.2043.0/	Vidrio ventana.-(deslizante)-	1	30,00
9004771000.0/	Canjeador y soportes.-	2	240,00
9131130000.0/	Burlete puerta sala presurizada.-	5Mts.	12,38
0.08.3.04.1043.0/	Gato giro M/D.	1	1.166,77
.6.02.0303.0/	Termómetro temp.agua.-	1	46,66
0.08.2.02.1101.0/	Burlete puerta chica.-	3Mts.	13,34
.5.03.0011.0/	Manga A/ C.-	7	113,42
3.06.1025.0/	Nivel tanque combustible.-	1	27,55
.0827.0/	Tapa tanque comb.	1	258,86
9064579000.0/	Conducto ventil.flexible(fuelle)	6	554,95
0.08.1.01.0725.0/	Soporte amortig.lateral.-	1	31,15
.2013.0/	Manga aliment.T/arena I/I.	1	1,57
.2014.0/	" " " L/D.	1	2,09
0.08.1.01.9999.0/	Manga arenera.-	6Mts.	79,32
9130949000.0/	Visera.-	2 N°.	66,42

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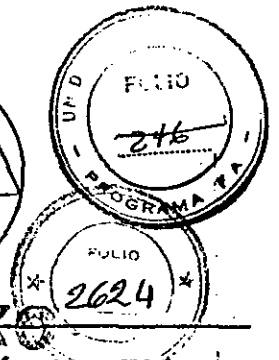
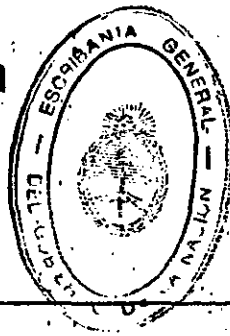
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Anexo Técnico N°4
Mat. Adic. Loct. GM.
GT. 22. OW. N°9035,

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO
8.530.84.4.415.0/	Alambre esmaltado 1,30mm2.	28Kgs.	246,68
0.08.7.10.0047.0/	Eje.-	1N°	586,61
8.530.50.3.120.0/	Cable 25mm2.-	8Mts.	26.-
8.500.01.1.050.0/	Estafio 50%.-	1Kg.	23,60
37.6.025.0/	Resina p/ soldar.-	0,40Kg.	4,26
8.655.05.1.670.0/	Rodam. 6310 ZZ.	2 N°	87,96
720.0/	" 6312 2RS.	2 N°	154,88
0.08.6.06.0729.0/	Contacto móvil.-	4 N°	315,19
0741.0/	" fijo.-	8 N°	438,28
0.08.7.17.0009.0/	Descongelador.-	6 N°	228.-
9999.0/	Caja de llave y resist. descong.	6 N°	208,43
8.01.0795.0/	Calentador eléctrico.-	1 N°	16,06
9131261000.0/	Equipo luz instrumento.-	4 N°	32,87
9131128000.0/	Llave rotativa calefactor.-	1 N°	142,60
9019609000.0/	Cables conex. velocímetro.-	1 N°	42,13
9019596000.0/	Motor velocímetro.-	1 N°	371,70
9019611000.0/	Generador de pulsor.-	1 N°	2.230,20
9005731000.0/	Campaña de alarma.-	1 N°	85,81
8.530.84.4.062.0/	Alambre esmaltado 1,00mm2.-	0,60Kg.	5,39
8.500.01.1.050.0/	Estafio 50%.-	0,10Kg.	2,30
0.08.7.08.0741.0/	Grampas colgantes.-	2 N°	30,33
8.655.05.1.414.0/	Rodam. 6204 2Z.-	2 N°	8,50
0.08.8.03.0147.0/	Baterías.-	8 N°	4.670.-
H. 9063902000.0/	Fusible 70A.	1 N°	2,70
0.08.6.09.6035.0/	" 60A.-	1 N°	2,48
9130958000.0/	Perilla MC O	1 N°	3,44
0.08.8.02.0539.0/	Tulipa luz cabina.-	2 N°	50,60
0605.0/	Receptáculo.-	1	33,28
H. 9130844000.0/	Vidrio receptáculo.-	2	17,04
9130867000.0/	Protector alambre.-	2	66,33
0.08.7.21.0301.0/	Tapa motor arranque.-	1	98,93
8.532.02.4.385.0/	Lámp-ara de iluminación.-	12	24.-
8.532.85.7.050.0/	Unidad Sellada.-	2	147.-
0.08.1.01.0067.0/	Rueda.-	12	9.540.-

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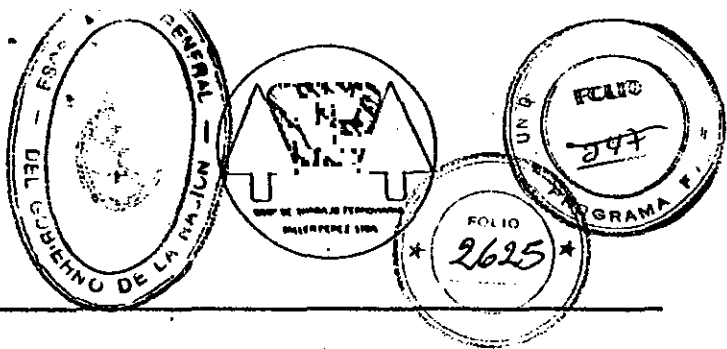
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ANEXO TECNICO N°1

ANEXO

LOCOMOTORAS GENERAL MOTORS G.T.22.C.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies ; sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyectores, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Fre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardan de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a c/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañería, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de altaybaja en sala de máquinas y Bastidor.-

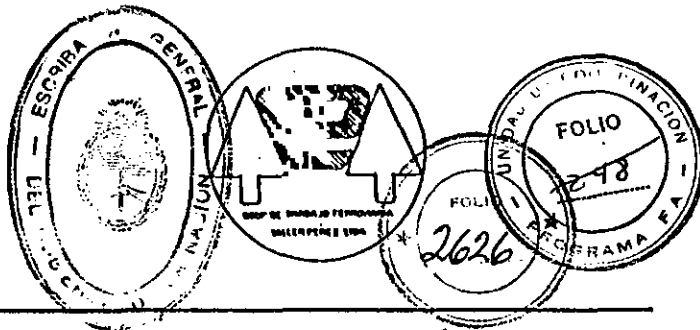
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ANEXO

9 - MOTOR DIESEL:

9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-

9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

9-3-1: Desarmar y limpiar inyectores.-

9-3-2: Inspeccionar elementos bombeantes.-

9-3-3: Rectificar aguja y asentar a tobera.-

9-3-4: Controlar funcionamiento cremalleras.-

9-3-5: Reemplazar elementos filtrantes y juntas.-

9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCINES:

9-4-1: Desarmar y limpiar.-

9-4-2: Controlar bujes, pernos y caños lubricación.-

9-4-3: Armar.-

9 - 5: PUENTES DE VALVULAS:

9-5-1: Desarmar y limpiar.-

9-5-2: Inspeccionar elementos.-

9-5-3: Armar botadores y controlar en banco de pruebas.-

9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS
COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

9-6-1: Limpiar y controlar.-

9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

9-7-1: Limpiar.-

9-7-2: Asentar aguja.-

9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

9-9-1: Desmontar culata de cilindro.-

9-9-2: " biela y pistón.-

9-9-3: Limpiar y descarbonizar.-

9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-

9-9-5: " alineación de bielas.-

9-9-6: " dimensional de canasta de biela, cilindro y pistón.-

9-9-7: Bruñir cilindros.-

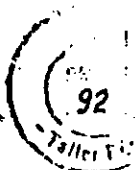
9-9-8: Desarmar cabezas de cilindros.-

9-9-9: Descarbonizar y lavar.-

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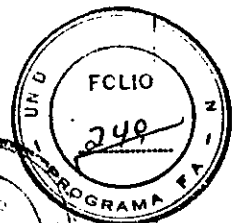
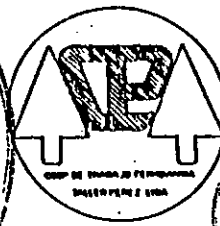
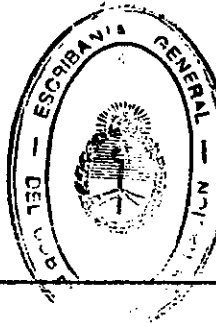
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ANEXO

Proviene de Con.de Fuerza/

- 9-9-10 :Controlar huelgo e/válv.y guías.-
- 9-9-11 :Rectificar válv.y asientos.-
- 9-9-12 :Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 :Efectuar prueba hidráulica.-

9 - 10 :REGULADOR M/D.-:

- 9-10-1 Desarmar y limpiar.-
- 9-10-2: Inspeccionar elementos.-
- 9-10-3: Reemplazar diafragmas y juntas.-
- 9-10-4: Armar y controlar en banco de pruebas.-

9 - 11 :BOMBA DE AGUA:

- 9-11-1 :Desarmar y limpiar.-
- 9-11-2 :Inspeccionar elementos.-
- 9-11-3 :Cambiar sello.-
- 9-11-4 :Armar y probar caudal.-

9 - 12 :GARGANTA DE TURBO:

- 9-12-1 :Descarbonizar y limpiar.-
- 9-12-2 :Inspeccionar en Magnaflux.-

9 - 13: DETECTOR DE F/POSITIVA Y B/F.ACEITE:

- 9-13-1 :Desarmar y limpiar.-
- 9-13-2 :Inspeccionar elementos.-
- 9-13-3 :Reemplazar diafragmas y juntas.-
- 9-13-4 :Armar y controlar en banco de pruebas.-

9 - 14 :INSPECTOSTATO:

- 9-14-1 :Desarmar y limpiar.-
- 9-14-2 :Inspeccionar elementos.-
- 9-14-3 :Armar y ensayar en banco de pruebas.-

9 - 15 :VALVULA ALIVIO F/ACEITE:

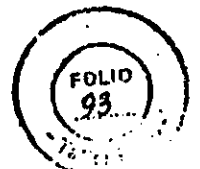
- 9-15-1 :Desarmar y limpiar.-
- 9-15-2 :Inspeccionar elementos.-
- 9-15-3 :Armar, calibrar y controlar funcionamiento

9 - 16 :VALVULA 10 Y 60 LBS.:

- 9-16-1 :Desarmar y limpiar.-
- 9-16-2 :Controlar elementos.-
- 9-16-3 :Armar y efectuar prueba.-

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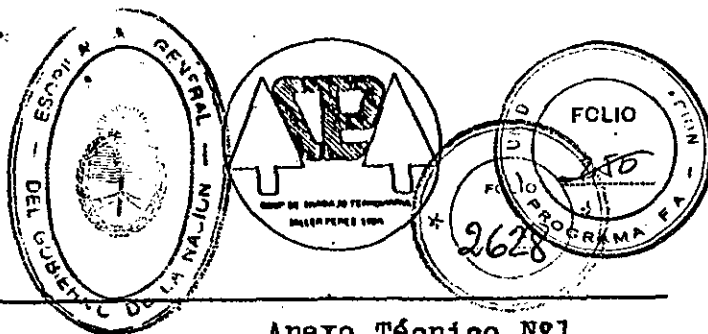
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ANEXO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.-
- 9-17-2: Efectuar prueba neumática.-
- 9-17-3: Acondicionar vidrios niveles.-
- 9-17-4: Pintar.-

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.-
- 10 - 2: Desarme integral del compresor.-
- 10 - 3: Limpieza de todos sus componentes.-
- 10 - 4: Desmontar rodamientos.-
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.-
- 10 - 6: Rectificado de cigüeñal.-
- 10 - 7: " " cilindros.-
- 10 - 8: Control alineación de bielas.-
- 10 - 9: Inspección de rodamientos.-
- 10 - 10: Reparación integral bomba de aceite.-
- 10 - 11: Desarme y rep. válv. admisión y escape.-
- 10 - 12: " y limpieza y reparac. del radiad. compresor.-
- 10 - 13: Reemplazo de juntas, retenes, etc.-
- 10 - 14: Armado.-
- 10 - 15: Ensayo en banco de pruebas.-
- 10 - 16: Pintura.-

11 - : CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.-
- 11 - 2: Controlar alineación y balanceo.-

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.-
- 12 - 2: Inspeccionar elementos.-
- 12 - 3: Cambiar aros "O", juntas y diafragmas.-
- 12 - 4: Armar y probar.-

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.-
- 13 - 2: Probar funcionamiento.-

14 - DEPOSITOS AIRE:

- 14 - 1: Limpieza y efectuar prueba neumática.-

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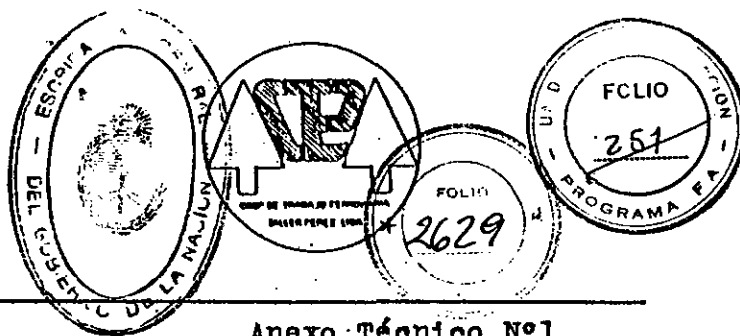
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ANEXO

15 - REJILLA RADIADORES:

15 - 1: Limpiar e inspeccionar.-

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17 - 1: Desarmar y limpiar.-

17 - 2: Baquetear.-

17 - 3: Realizar prueba hidráulica.-

17 - 4: Inspeccionar.-

17 - 5: Armar, y realizar prueba hidráulica.-

17 - 6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18 - 1: Desarmar y limpiar.-

18 - 2: Inspeccionar.-

18 - 3: Armar y realizar prueba hidráulica.-

19 - POST-ENFRIADOR:

19 - 1: Desarmar y limpiar.-

19 - 2: Inspeccionar.-

19 - 3: Armar y realizar prueba hidráulica.-

20 - REJILLAS^Y PROTECTORES:

20 - 1: Limpiar e inspeccionar.-

20 - 2: Reparar.-

21 - FILTROS INERCIALES:

21 - 1: Limpiar e inspeccionar.-

21 - 2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22 - 1: Desarmar y limpiar filtros caja de coladores.-

22 - 2: Cambiar filtros de tambor, pre-lubricación y turbo.-

22 - 3: " juntas.-

23 - CABEZA FILTRO TURBO:

23 - 1: Desarmar y limpiar.-

23 - 2: Inspeccionar elementos.-

23 - 3: Armar y probar.-

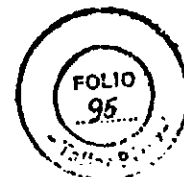
24 - CABEZA VASOS VISORES:

24 - 1: Desarmar y limpiar.-

24 - 2: Armar.-

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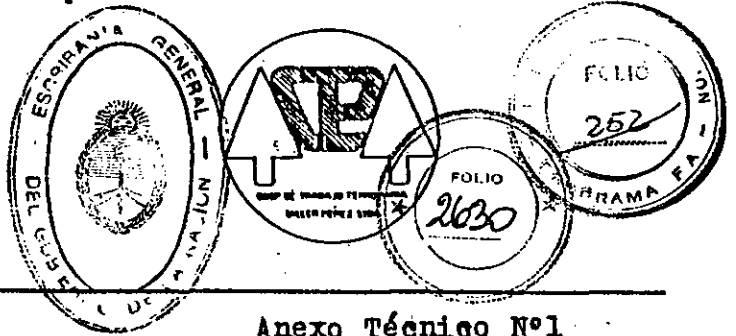
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ANEXO

25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

26 - GANCHOS CENTRALES:

- 26 - 1: Desarmar ganchos.-
- 26 - 2: Limpiar y arenar ganchos.-
- 26 - 3: Inspeccionar fisuras y rosca.-
- 26 - 4: Rellenado y normalizado.-
- 26 - 5: Maquinado.-
- 26 - 6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc. de rosca, chavetas y fisuras.-
- 27 - 3: Reparac. y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLPES:

- 28 - 1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATO-S:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 - 1: Desarmar, limpiar y armar.-
- 30 - 2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acoplé flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Desconec. Gen. Aux.-
- 31-1-5: Desacoplar ~~del~~ ^{del} Motor Gen. Aux.
- 31-1-6: Controlar alabes de turbina sopladora.-

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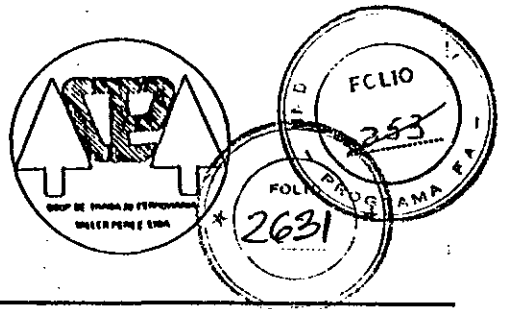
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ANEXO

Proviene de Gen. Auxiliar (Parte Eléct.)

31-1-7: Controlar balanceado turbina.-

31-1-8: " bases de Gen. Aux. (Agujeros bases sujeción M/D. Motor eléct. carcaza)
Controlar manchón de acople.-

31-1-9 : Desarmar y lavar gen. auxiliar.-

31-1-10: Controlar eléctricamente carcaza e inducido.-

31-1-11: Revisión de rodamientos (cambio de grasa).-

31-1-12: Torneear, ranurar y biselar colector.-

31-1-13: Normalizar portaescobillas y cambio escobillas.-

31-1-14: Armado Gen. Aux.-

31-1-15: Ensamble de carcaza turbina al G.A.-

31-1-16: Verificar aislación en general.-

31-1-17: Montar en loct.-

31-1-18: Con reloj comparador, alinear.-

31-1-19: Acoplar fuelles de ventilación.-

31-1-20: Colocar acople flexible e/cardan y auxiliar.-

31-1-21: Conectar eléctricamente.-

31-1-22: Colocar tapas post. e/M/D. y sala presurizada.-

31 - 2 : Bombas combustible y prelubricación.-

31-2-1 : Desconectar y desmontar bombas.-

31-2-2 : Desarmar bombas.-

31-2-3 : Lavar con solvente.-

31-2-4 : Controlar rodamientos y eje.-

31-2-5 : " bobinados de campos e inducidos.-

31-2-6 : Torneear colector, ranurar y biselar.-

31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.

31-2-8 : Armar y pintar bombas.-

31-2-9 : Controlar funcionamiento , aislación y caudal.-

31-2-10: Montar en locomotora.-

31-2-11: Conectar.-

31 - 3 : MOTORES DE ARRANQUE-

31-3-1 : Desconectar y desmontar.-

31-3-2 : Desarmar y lavar.-

31-3-3 : Control de aislación e/campo y masa de carcaza.-

31-3-4 : Controlar eje estriado.-

31-3-5 : " eléctricamente inducido y campos.-

31-3-6 : Cambio de bujes y control Bendix.-

31-3-7 : Controlar placa conjunto portaescobillas.-

31-3-8 : Torneear, ranurar, biselar colector.-

31-3-9 : Cambio de escobillas.-

31-3-10: Armar, controlar funcionamiento y aislación.-

31-3-11: Montar y conectar.-

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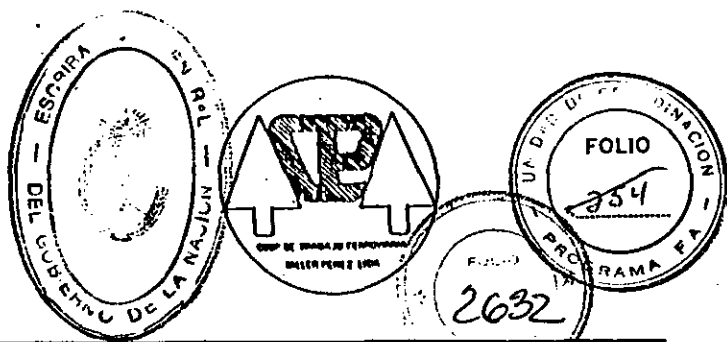
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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar .
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Tornear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en loct.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6: B A T E R I A S.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y coneccionada.-

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

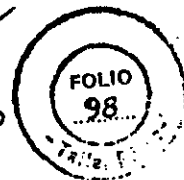
31 - 8: MOTOR DE TRACCIÓN:

- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa c/métodos adecuados a c/caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.-
- 31-8-6 : Controlar bandas.-

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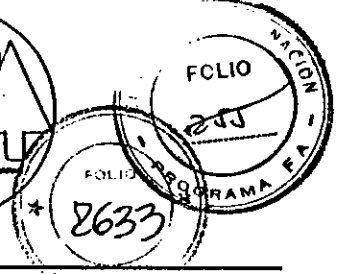
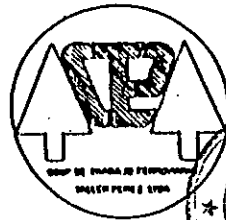
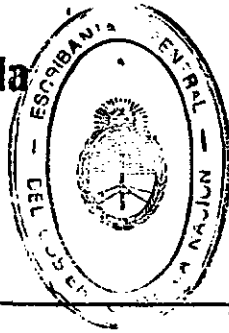
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ANEXO

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Proviene de Motor de Tracción/

- 31-8-7 :Controlar ovalización del colector.-
- 31-8-8 :Tornear, biselar y ranurar inducido.-
- 31-8-9 :Controlar dimensiones en carcasa, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12:Rearmado completo, colocación de escobillas nuevas

- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-.
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

31 - 9 : MOTOR SOPLADOR DE FILTROS INERCIALES:

- 31-9-1 : Inspecc. visual de funcionamiento y control de rodamiento.-
- 31-9-2 : Ensayo de aislación.-

31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:

- 31-10-1: Inspecc. visual de funcionam. y conecciones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
- 31-10-2: Inspección visual de funcionamiento y conecciones de todos los relevadores en gral.-
- 31-10-3: Inspecc. visual de funcionam. y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
- 31-10-4: Inspección visual de todas las resistencias y reostatos.-
- 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadoras, etc.)
- 31-10-6: Inspecc. visual de coneccionado panel RCF, SBP. y TRP. panel sensor y de patinaje WSC).-
- 31-10-7: Desconectar y desmontar reg. carga de batería.-
- 31-10-7-1: Control de ajuste en banco de prueba.-
- 31-10-7-2: Montaje y conexión sobre locomotora.-

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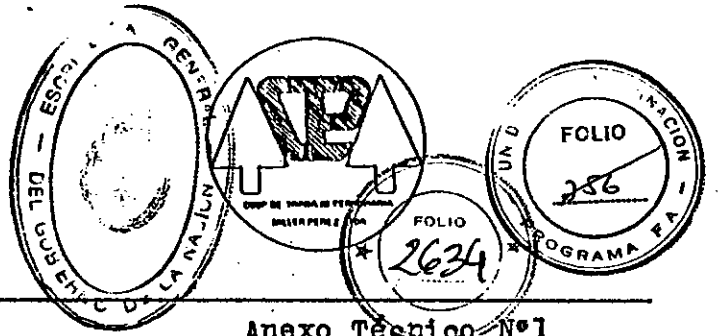
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Cooperativa de Trabajo Ferroviaria Taller Pérez Ltda.

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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

ANEXO

.../////////(Cont.)

- 10 -

31 - 11 - REGULADOR DE CARGA L.R.;

31-11-1 : Inspecc. de funcionam. superf. de contacto,
valor ohms, escobillas y conexiones.-

31 - 12 : ANILLO - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext. rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext. rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob. en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - : BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado
para eliminar incrustaciones.-

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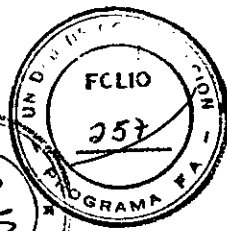
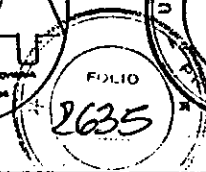
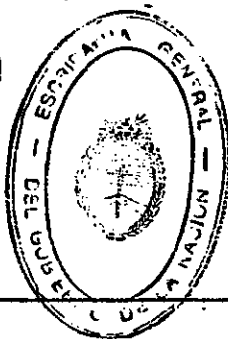
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Anexo Técnico N°1
Loct. G. Motors GT. 22. CW

...////////// (Cont.)

- 11 -

ANEXO

Proviene de Bogies/

- 33 - 2 : Control estanqueidad y funcionamiento del equipo de freno en bogie. Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 : Desmontaje timonería de freno y ejes.-
- 33 - 4 : Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 : Cajas punta de eje: revisión y engrase total, desmontaje, control y montaje de rodamientos.-
- 33 - 6 : Reemplazo de colizas del pedestal.-
- 33 - 7 : Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descritas por el fabric. serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 : Controlar suspensión de nariz de Mot. de Tracc. controlar estado de los topes en el bogie (en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 : Controlar el bastidor y viga "Bolster" con tintas penetrantes, soldaduras, de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long. los trabajos se considerarán eventuales.-
- 33 - 10 : Controlar posibles desgastes en el pendular de suspensión, fijación al bastidor, apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm. se normalizarán p/soldadura. (de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos, las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 : Control de jgos. de palancas, colizad., pernos correderas regulad. de freno, portazapatas, etc.- Encasquillado de la timonería de freno con total reemplazo de bujes, pernos, chavetas.-
- 33 - 12 : Control de amortiguadores - Reemplazo de bujes de goma.-

- 11/12 -

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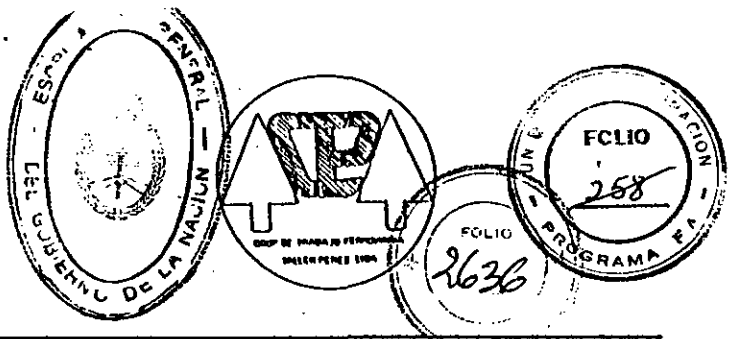
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Anexo Técnico N°1
Loct. GM. GT.22.CW.

...////////// (Cont.) - 12 -

ANEXO

- 33 - 13: Limpieza y control dimensional de cajas sobre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador. Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-acople del cardan al M/D. y alineaci.

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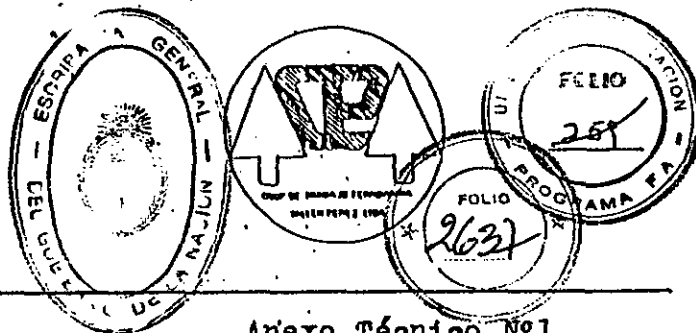
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Anexo Técnico N°1
Locts. G/M.GT.22.CW.

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- 13 -

ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conec. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-
- 36 - : PUESTA EN MARCHA.-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loct.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

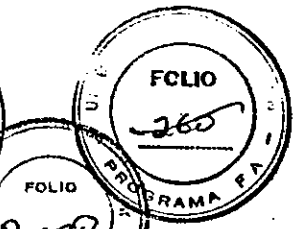
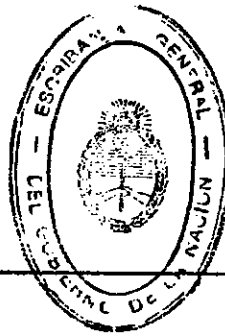
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ANEXO

ANEXO TECNICO N°2

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$ TOTAL
0.08.3.08.0073.0/	Aro de empaquet.p/tuerca capuchón	12N°.-	8,33
.0129.0/	Elemento de filtro.-	24N°.-	34,56
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42
9006667000.0/	" retén de aceite.-	1N°.-	5,90
9006664000.0/	Guarnición.-	1N°.-	0,81
9006747000.0/	" anular.-	1N°.-	0,65
9006722000.0/	Guarnición.-	1N°.-	4,15
9006407000.0/	" de la tapa.-	1N°.-	12,32
9006587000.0/	Diafragma.-	1N°.-	10,89
9002817000.0/	Aro.-	2N°.-	0,99
9006618000.0/	"	1N°.-	0,55
9002793000.0/	"	4N°.-	2,20
9131505000.0/	Sello.-	1N°.-	9,50
.989.0/	"	1N°.-	1,81
0.08.3.99.0909.0/	Guarnición.-	1N°.-	5,02
.0403.0/	Sello de aceite.-	1N°.-	14,29
9006599000.0/	Guarnición.-	1N°.-	2,03
0.08.3.09.1229.0/	"	1N°.-	1,16
9006713000.0/	"	1N°.-	1,77
9006704000.0/	Sello anular.-	1N°.-	5,32
9006688000.0/	" "	1N°.-	4,36
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84
.0629.0/	Junta para lubricación.-	24N°.-	2,83
9131487000.0/	Elemento filtrante.-	7N°.-	270,62
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89
.0711.0/	Filtro blindado.-	2N°.-	29,82
.1443.0/	Sello.-	1N°.-	39,15
.0645.0/	Junta de vaso.-	2N°.-	0,87
.0735.0/	Aro "O".-	2N°.-	0,85
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54
9131197000.0/	Junta.-	2N°.-	11,16
9062580000.0/	"	2N°.-	3,20
9131171000.0/	Junta para codo.-	2N°.-	14,96
9131540000.0/	Junta para brida.-	2N°.-	3,19
9062880000.0/	" " "	2N°.-	6,16
9131197000.0/	Junta.-	1N°.-	2,79
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64
.1163.0/	" " " p/colador.-	1N°.-	24,37
.1409.0/	Filtro turbo grande.-	1N°.-	25,71

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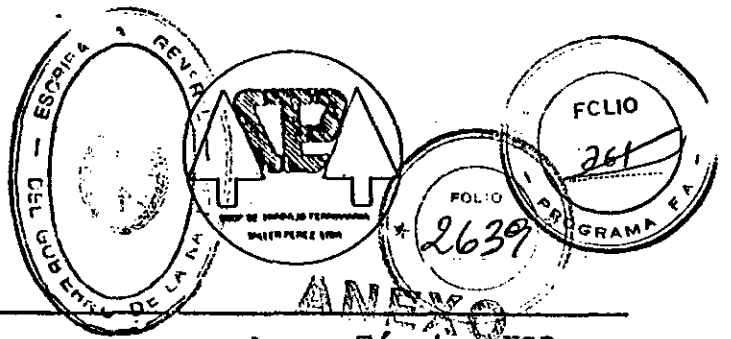
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Anexo Técnico N°2
Mat. Neo. Rep. Básica
Equiv. N° 3°.-

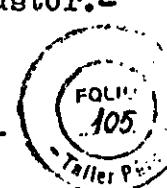
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- 2 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo. de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	1 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo. reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " válv. N° 8.-	1 N°.-	8.-
.1424.0/	" " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "O".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " "O".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	" "	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "O".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " "	1 N°.-	0,23
.2601.0/	Aro "O" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "O".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "O".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "O".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	" "	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo. juntas e/cab. y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo. de aros STD.-	12 N°.-	2.711,76
.08.0051.0/	Jgo. de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P. y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	" " A/P.	1 N°.-	34,58

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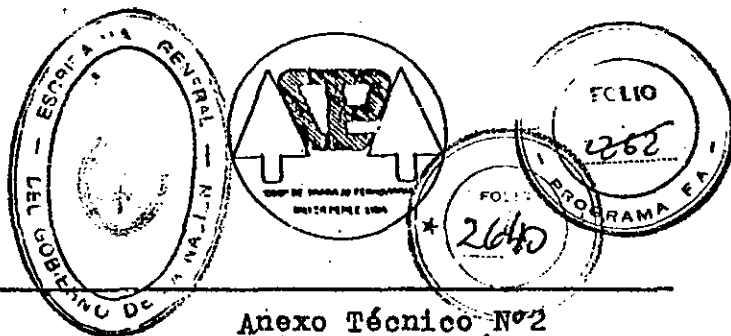
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Anexo Técnico N.º 2
Mat. Nec. Rep. Básica
Equiv. N.º 3^o

ANEXO

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- 3 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.5.01.0487.0/	Juntas.-	2 N.º.-	6,30
.0489.0/	"	2 N.º.-	3,74
.0535.0/	"	2 N.º.-	30,38
.0531.0/	"	1 N.º.-	14,59
9061512000.0/	Juntas tapa lateral.-	2 N.º.-	7,43
9061522000.0/	Junta.-	10 N.º.-	21,45
9061529000.0/	"	2 N.º.-	2,23
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 N.º.-	4,95
9061521000.0/	Junta.-	3 N.º.-	2,34
0.08.5.01.0065.0/	Retén.-	2 N.º.-	22,05
9131019000.0/	Silemblock.-	20 N.º.-	281,16
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 N.º.-	297,36
.0173.0/	" p/sello.-	24 N.º.-	1.167,44
.0175.0/	Sello retén.-	24 N.º.-	133,81
9130436000.0/	Buje.-	10 N.º.-	43,62
9064002000.0/	"	16 N.º.-	103,95
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 N.º.-	209,20
.0921.0/	Buje.-	4 N.º.-	20,61
.0923.0/	"	12 N.º.-	79,23
.0927.0/	"	4 N.º.-	17,83
.0931.0/	"	4 N.º.-	17,91
.0935.0/	Perno.-	8 N.º.-	194,73
.0973.0/	Perno c/ rosca hembra.-	8 N.º.-	135,92
.0975.0/	" " " "	8 N.º.-	135,92
.1017.0/	Perno.-	2 N.º.-	50,97
.1019.0/	"	2 N.º.-	52,41
9000362000.0/	Zapata fundida.-	12 N.º.-	256,30
0.08.1.01.1211.0/	Buje.-	24 N.º.-	138,57
.1213.0/	"	32 N.º.-	159,94
.1217.0/	Perno p/traba.-	8 N.º.-	421,47
.1265.0/	Perno.-	16 N.º.-	359,91
.1291.0/	"	4 N.º.-	133.-
.1295.0/	Perno.-	2 N.º.-	40,87
.1317.0/	"	16 N.º.-	294,42
.1411.0/	Guardapolvo.-	6 N.º.-	96,94
.1413.0/	Abrazadera p/guardapolvo.º	6 N.º.-	21,85
.1497.0/	Sello fieltro.-	24 N.º.-	67,20
.1508.0/	" protector.-	6 N.º.-	192.-
.1509.0/	Retén.-	6 N.º.-	153,57
.1517.0/	" de sello.-	6 N.º.-	170,50
9006247000.0/	Empaquetadura taza p/pistón.-	8 N.º.-	144,64
9019989000.0/	Conjunto guía pedestal.-	24 N.º.-	2.592,33
0.08.7.01.1345.0/	Escobilla AR.10.-	4 N.º.-	45,13
.1351.0/	" D.14.-	4 N.º.-	29,34
9131615000.0/	" E.44.-	8 N.º.-	78,29
0.08.7.21.0041.0/	Buje l/ colector.-	2 N.º.-	5,89
9131694000.0/	Buje p/ carcaza guía.-	2 N.º.-	2,67
9131695000.0/	" " " espaciadora.-	2 N.º.-	4,18
0.08.7.21.0091.0/	Escobilla c/terminal.-	24 N.º.-	71,29

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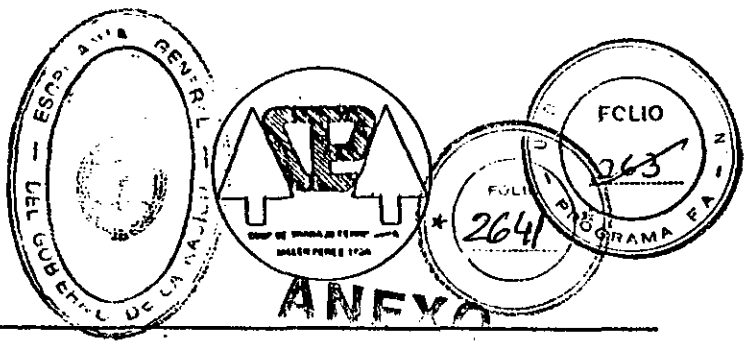


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Anexo Técnico N°2
Mat. Neo. Rep. Básica
Num. 3°.-

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- 4 -

N.º U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	Escobilla.-	4Nº.-	15,61
.08.0389.0/	" DE.7	48Nº.-	743,40
8.343.03.1.555.0/	Esmalte sintético negro.-	28 Lts.	180,60
.105.0/	" " verde.-	35 Lts.	211,75
.220.0/	" " amarillo.-	12Lts.	108,24
.110.0/	" " rojo.-	12 Lts.	91,44
.115.0/	" " Rojo.-	6 Lts.-	59,46
.999.9/	" " Blanco.-	1 Lt.-	8,46
8.349.10.2.050.0/	Thinner.-	40 Lts.	43,20
8.233.71.3.010.0/	Masilla plástica.-	4Kgs.-	15,40
8.229.54.4.005.0/	Lija al agua.-	20 N°.-	10,80
8.593.99.9.999.0/	Cinta de enmascarar.-	2 N°.-	4,08
8.245.53.4.020.0/	Jabón en polvo.-	2 Kgs.-	3,32
8.247.01.1.001.0/	Estopa.-	12 " -	30,36
.50.1.001.0/	Trapo blanco.-	10 Kgs.-	33,20
8.349.05.1.030.0/	Líquido p/limpieza.-	600Lts.-	378.-
8.397.10.1.130.0/	Aceite turbina YPF.68.-	60Lts.-	111,51
.38.1.115.0/	" YPF.397.-	760Lts.	1.763,20
.10.1.150.0/	" " 78.-	3 Lts.	7,08
.66.1.100.0/	Grasa.-YPF.96.-	30Kgs.-	21,60
.63.1.114.0/	" " 63.-	15Kgs.-	39,60
.118.0/	" Shell Ciprina.-	1 Kg.-	5,32
8.245.20.8.020.0/	Barniz Cliptal.-	4 Lts.-	29,40
8.260.19.5.070.0/	Soda Cáustica.-	10Kgs.-	13,90
8.390.05.1.018.0/	Gas-Oil.-	1500Lts.	525.-
8.395.10.2.045.0/	Gas envasad.-	45 Kgs.	44,60
8.260.03.1.020.0/	Acido muriático.-	2 Lts.	2.-
8.233.26.3.010.0/	Silastic.-	1 Kg.	28,58
8.500.01.1.050.0/	Estafío al 50%.-	1 Kg.	23,60
8.395.15.2.006.0/	Acetileno.-	6 Kgs.	66,84
.30.2.006.0/	Oxígeno.-	6 m3.-	15,54
8.081.01.1.016.0/	Alambre cincado.-	3 Kgs.-	6,57
8.575.13.3.019.0/	Fieltro en plancha 3/4".-	3 Kgs.-	23,79

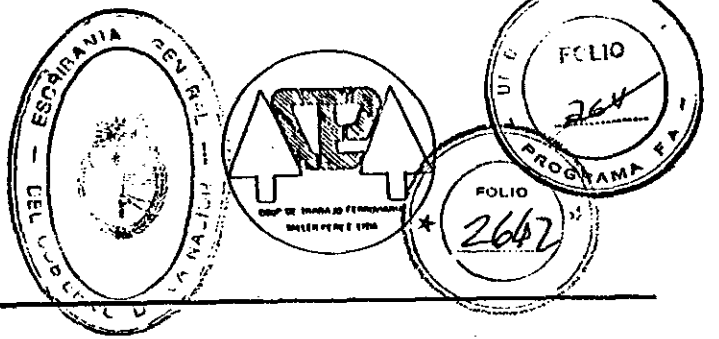
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ANEXO TECNICO NA 3

ANEXO

TAREAS ADICIONALES LOCOMOTORA GT. 22 - CW. NA 9038

		<u>CANTIDAD A REPARAR</u>
I	- <u>PARTE MECANICA.-</u>	
1	- <u>MOTOR DIESEL</u>	
1-1	- <u>INYECTORES</u>	12
1-1-1	- Reemplazo de roscas averiadas (Espigas)	
1-1-2	- " " elementos bombeantes.-	
1-1-3	- " " toberas.-	
1-1-4	- " " tuercas inyector.-	
1-2	- <u>BALANCINES</u>	36
1-2-1	- Reemplazo de bujes.-	
1-3	- <u>MANCHON ACOUPLE GENERADOR AUXILIAR</u>	2
1-3-1	- Reemplazo de silemblock	8
1-3-2	- Fabricación y colocación de protector a cardan.-	1
1-4	- <u>FRENO DE MANO</u>	1
1-4-1	- Colocación de cadena y resorte.-	
1-5	- <u>TUBERIA Y ELEMENTOS DEL SISTEMA NEUMATICO</u>	
1-5-1	- Reemplazo de cañerías de aire motor limpia vidrios	8
1-5-2	- " " mangas a motor I/Vs	2
1-5-3	- Colocación de mangas aire comprimido	4
1-5-4	- " " " areneras	4
1-5-5	- " " guías a mangas areneras	4
II	- <u>PARTE ELECTRICA</u>	
2	- <u>CIRCUITOS Y EQUIPOS ELECTRICOS</u>	
2-1	- Normalizar cableado en relé FPCR	1
2-2	- Montar caja de llave, resist. y motores descongelador	6 c/u.-
2-3	- Montar y conectar equipo luz cabina	1
2-4	- Montar y conectar calentador eléctrico	1
2-5	- " " " equipo luz instrumento	4
2-6	- " palanca reversa	1
2-7	- " y conectar cables conexión velocímetro	2
2-8	- " " " campaña de alarma	1
2-9	- " " " interruptor desempañadores	1
2-10	- " " " portalámpara y colocar lamp. testigo filtro tapado.-	1
2-11	- " " " resistencia y regulador velocímetro	1 c/u!
2-12	- Reparar y controlar en banco VR (Regul. carga batería)	1

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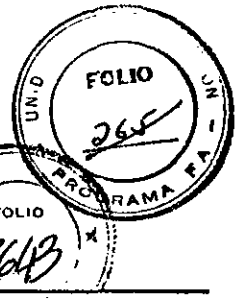
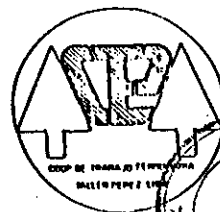
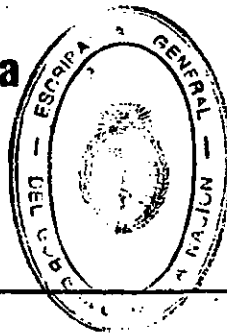
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Anexo Técnico No 3-
Tareas Adicionales Locf
GT:22- CW.NA 9038.-

- 2 -

ANEXO

3 - CARROCERIA		CANTIDAD A REPARAR
3-1	- Reparación de baranda frontal del Izq.	1
3-2	- " " " lateral " "	1
3-3	- Reemplazo de parabrisas de puerta	1
3-4	- " " " fijos	3
3-5	- " " espejos retrovisores	2
3-6	- Colocación de viseras de ventana	2
3-7	- Reparación de respaldo asiento giratorio	2
3-8	- " " apoya brazos	2
3-9	- Reemplazo de vidrios ventana deslizante	3
3-10	- Reparación de puerta de gabinete eléctrico	1
3-11	- " " " sala de máquinas	4
3-12	- " " " capot " "	3
3-13	- Fabricación de protector volante-M/D	2
3-14	- Colocación de traba-soporte manga A/C	4
3-15	- Desmontar, enderezar y montar mirriñaque	2
3-16	- Reparación nivel tanque combustible	2
3-17	- Colocación de soporte y canjeadores	2
3-18	- Reparación de escalerilla izq. y der.	2
3-19	- Reemplazo tapa tanque combustible	1
3-20	- Colocación de soporte inf.de amortiguador	3
3-21	- Reparación de abolladuras depósito arenero	2
3-22	- Colocación burlete sala presurizada y puerta gabinete eléctrico.-	8 mts.

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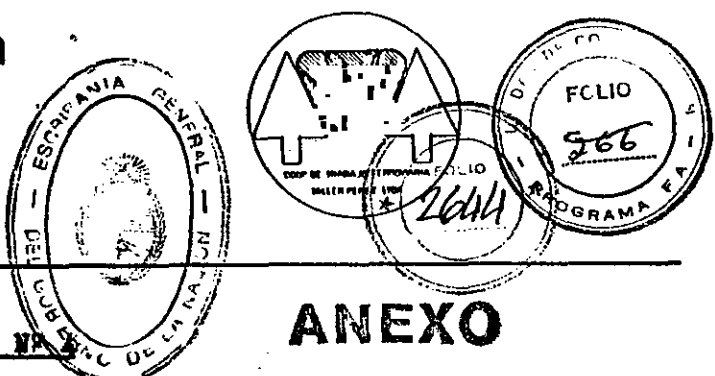
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ANEXO

ANEXO TECNICO Nº 3

MATERIALES ADICIONALES PARA REPARACION IGCT. GENERAL MOTORS GT. 22. CW. Nº 9038

N.º M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.5.06.1234.0/	: Brase 1/4"	3	189,48
9131221000/0	: Manga aife motor 1/v	2	10,50
9130841000/0	: Tube de 1/4"	4 mtd.	7,28
9131351000/0	: Conector de 1/4"	2	1,86
9130081000/0	: " " "	10	8,66
9131372000/0	: Codo 90º NPT 1/4"	2	3,16
0.08.5.06.1258.0/0	: Unión NPT 1/4"	2	1,45
9007771000/0	: Canchales y soporte	2	240,-
9131130000/0	: Burlate puerta s/presurizada	5 mtd.	12,38
0.08.2.02.1101.0/0	: " " chica comp. eléctrica	3 "	13,34
6.02.0303.0/0	: Termómetro temperatura agua	1	16,66
9064579000.0	: Conduca ventilación flexible	6	554,95
0.08.3.06.0147.0/0	: Juego de reparación de inyectores	12	914,28
3.02.0655.0/0	: Bujes balancines	36	265,97
9131019000/0	: Silencioek	2	112,46
0.08.9.01.0419.0/0	: Cadena freno de mano	1	70,25
0423.0/0	: Eslaben p/uniam	1	7,45
0545.0/0	: Resorte p/tensión de cadena	1	16,94
0.08.3.03.0011.0/0	: Mangas A/C	4	32,81
1.01.9999.0/0	: " areneras	6 mtd.	79,32
1.01.2005.0/0	: Soporte de guía arenere	4	117,24
2.02.2527.0/0	: Parabrisas de puerta	1	30,00
2.02.2351.0/0	: " frontal fije	3	90,00
9013001000.0/0	: Espejo retrovisor	2	346,90
9130919000.0/0	: Viseras	2	66,42
0.08.2.02.3001.0/0	: Recubrimiento de cuero p/respaldo	2	65,18
3137.0/0	: " " " p/apoya brazos	2	56,50
2043.0/0	: Vidrio ventana deslizante	3	90,00
8775982159.0/0	: Tubo térmico pirex	2	15,32
0.08.3.06.0827.0	: Tapa tanque combustible	1	258,86
1.04.0725.0	: Soporte amortiguador lateral	3	93,45
8.655.22.1.450.0/0	: Rodamiento 1/pifon	1	251,-
23.1.452.0/0	: " "colector	1	95,-
0.08.7.08.0293.0/0	: Portascobillas	3	74,46
8.397.63.1.150.0/0	: Grasa Shell ciprina	5,40 kg.	28,73
0.08.7.08.0965.0/0	: Junta	3	6,59
0967.0/0	: " "	4	17,-
7.17.0009.0/0	: Descongelador	6	228,-
9999.0/0	: Caja llaves y resist. descong.	6	208,73
8.02.0525.0/0	: Equipo luz cabina	1	38,18
8.01.0795.0/0	: Calentador eléctrico	1	16,06
H.913.1267.000.0/0	: Equipo luz instrumentos	4	32,87
0.08.6.01.0433.0/0	: Palanca reversa	1	20,71
H.901.9609.000.0/0	: Cables conexión velocímetro	2	84,25
H.900.5731.000.0/0	: Campana de alarma	1	85,81
H.913.0958.000.0/0	: Perillas	2	3,44
H.913.1309.000.0/0	: Interruptor desconpañador	1	42,62
H.913.1289.000.0/0	: Lámpara	1	2,67
0.08.6.09.1379.0/0	: Portalámpara	1	13,66
6.09.2689.0/0	: Resistencia velocímetro	1	16,45
7.08.0741.0/0	: Grampa colgante	2	30,33
8.03.0147.0/0	: Batería	8	46,70
3.06.0049	: Embolo completo	12	1626,18

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ANEXO

Anexo Técnico N° 4
Materiales Adicionales para Reparo.
Icc. G.M. GE. 22. CM. N° 9038.-

- 2 -

N.O.M.	DESCRIPCION	CANTIDAD	PRECIO	TOTAL \$
0.08.8.02.0393.0/0	Vidrio luz clasif.	2	13,50	27,00
8.532.08.1.035.0/0	Portalampara	3	2,45	7,35
8.532.02.4.385.0/0	Lamparas iluminacion	12	2,00	24,00
0.08.9.06.0275.0/0	Extractor de impurezas	1	25,45	25,45
H.901.9611.000.0/0	Generador de pulsos	1	2,230,20	2,230,20

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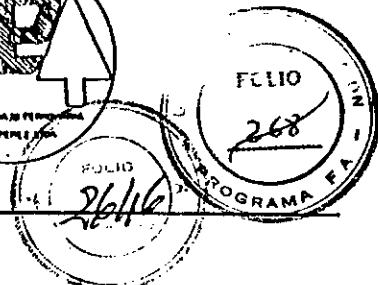
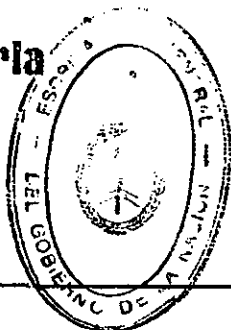
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ANEXO TECNICO N°1

ANEXO

LOCOMOTORAS GENERAL MOTORS G.T.22.C.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies ; sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyectores, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Pre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardan de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a c/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañería, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de altaybaja en sala de máquinas y Bastidor.-

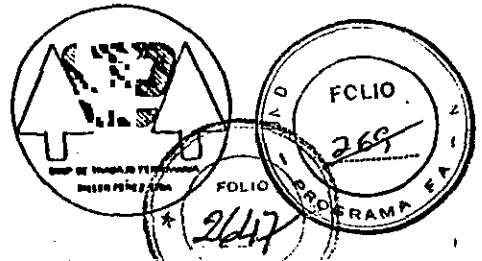
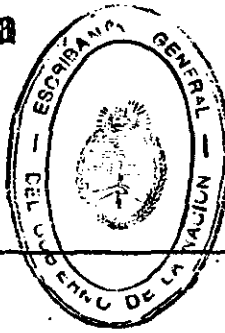
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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

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- 2 -

ANEXO

9 - MOTOR DIESEL:

9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-

9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

9-3-1: Desarmar y limpiar inyectores.-

9-3-2: Inspeccionar elementos bombeantes.-

9-3-3: Rectificar aguja y asentar a tobera.-

9-3-4: Controlar funcionamiento cremalleras.-

9-3-5: Reemplazar elementos filtrantes y juntas.-

9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCINES:

9-4-1: Desarmar y limpiar.-

9-4-2: Controlar bujes, pernos y caños lubricación.-

9-4-3: Armar.-

9 - 5: PUNTES DE VALVULAS:

9-5-1: Desarmar y limpiar.-

9-5-2: Inspeccionar elementos.-

9-5-3: Armar botadores y controlar en banco de pruebas.-

9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

9-6-1: Limpiar y controlar.-

9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

9-7-1: Limpiar.-

9-7-2: Asentar aguja.-

9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

9-9-1: Desmontar culata de cilindro.-

9-9-2: " biela y pistón.-

9-9-3: Limpiar y descarbonizar.-

9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-

9-9-5: " alineación de bielas.-

9-9-6: " dimensional de canasta de biela, cilindro y pistón.-

9-9-7: Bruñir cilindros.-

9-9-8: Desarmar cabezas de cilindros.-

9-9-9: Descarbonizar y lavar.-

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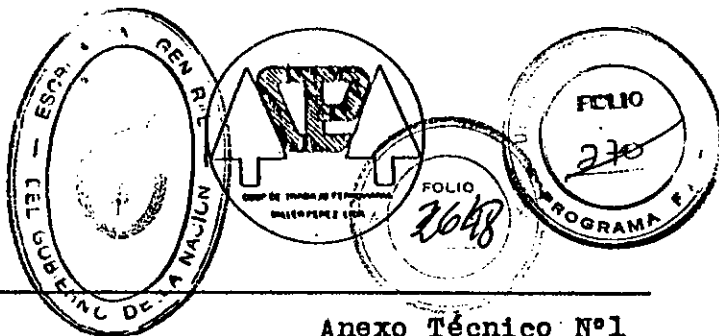
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Anexo Técnico N°1
Loots.G.Motors GT.22.CW

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- 3 -

Proviene de Con.de Fuerza/

ANEXO

- 9-9-10 :Controlar huelgo e/válv.y guías.-
- 9-9-11 :Rectificar válv.y asientos.-
- 9-9-12 :Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 :Efectuar prueba hidráulica.-

9 - 10 :REGULADOR M/D.-:

- 9-10-1 Desarmar y limpiar.-
- 9-10-2: Inspeccionar elementos.-
- 9-10-3: Reemplazar diafragmas y juntas.-
- 9-10-4: Armar y controlar en banco de pruebas.-

9 - 11 :BOMBA DE AGUA:

- 9-11-1 :Desarmar y limpiar.-
- 9-11-2 :Inspeccionar elementos.-
- 9-11-3 :Cambiar sello.-
- 9-11-4 :Armar y probar caudal.-

9 - 12 :GARGANTA DE TURBO:

- 9-12-1 :Descarbonizar y limpiar.-
- 9-12-2 :Inspeccionar en Magnaflux.-

9 - 13: DETECTOR DE F/POSITIVA Y B/P.ACEITE:

- 9-13-1 :Desarmar y limpiar.-
- 9-13-2 :Inspeccionar elementos.-
- 9-13-3 :Reemplazar diafragmas y juntas.-
- 9-13-4 :Armar y controlar en banco de pruebas.-

9 - 14 :INSPECTOSTATO:

- 9-14-1 :Desarmar y limpiar.-
- 9-14-2 :Inspeccionar elementos.-
- 9-14-3 :Armar y ensayar en banco de pruebas.-

9 - 15 :VALVULA ALIVIO F/ACEITE:

- 9-15-1 :Desarmar y limpiar.-
- 9-15-2 :Inspeccionar elementos.-
- 9-15-3 :Armar, calibrar y controlar funcionamiento

9 - 16 :VALVULA 10 Y 60 LBS.:

- 9-16-1 :Desarmar y limpiar.-
- 9-16-2 :Controlar elementos.-
- 9-16-3 :Armar y efectuar prueba.-

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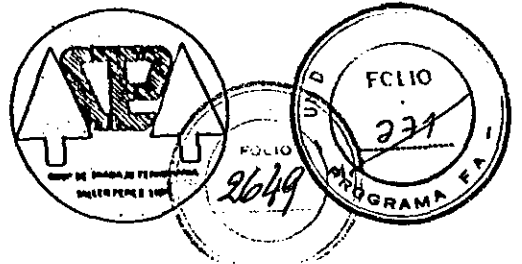
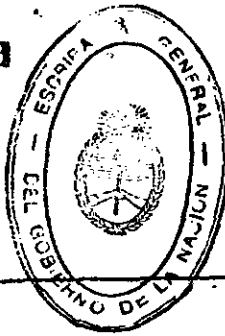
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Anexo Técnico N°1
Locs. G. Motors GT. 22.0W

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- 4 -

DINERO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.--
- 9-17-2: Efectuar prueba neumática.--
- 9-17-3: Acondicionar vidrios niveles.--
- 9-17-4: Pintar.--

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.--
- 10 - 2: Desarme integral del compresor.--
- 10 - 3: Limpieza de todos sus componentes.--
- 10 - 4: Desmontar rodamientos.--
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.--
- 10 - 6: Rectificado de cigüeñal.--
- 10 - 7: " " cilindros.--
- 10 - 8: Control alineación de bielas.--
- 10 - 9: Inspección de rodamientos.--
- 10 - 10: Reparación integral bomba de aceite.--
- 10 - 11: Desarme y rep. válv. admisión y escape.--
- 10 - 12: " y limpieza y reparac. del radiad. compresor.--
- 10 - 13: Reemplazo de juntas, retenes, etc.--
- 10 - 14: Armado.--
- 10 - 15: Ensayo en banco de pruebas.--
- 10 - 16: Pintura.--

11 - CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.--
- 11 - 2: Controlar alineación y balanceo.--

12 - VALVULA FRENO:

- 12 - 1: Desarmar y limpiar.--
- 12 - 2: Inspeccionar elementos.--
- 12 - 3: Cambiar aros "O", juntas y diafragmas.--
- 12 - 4: Armar y probar.--

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.--
- 13 - 2: Probar funcionamiento.--

14 - DEPOSITOS AIRE:

- 14 - 1: Limpiar y efectuar prueba neumática.--

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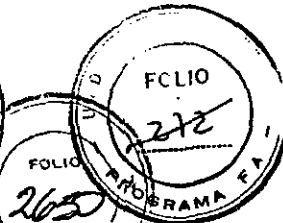
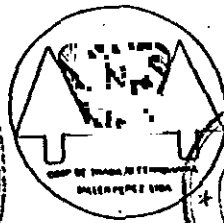
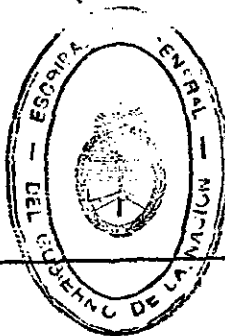
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ANEXO

15 - REJILLA RADIADORES:

15 - 1: Limpiar e inspeccionar.-

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17 - 1: Desarmar y limpiar.-

17 - 2: Baquetear.-

17 - 3: Realizar prueba hidráulica.-

17 - 4: Inspeccionar.-

17 - 5: Armar, y realizar prueba hidráulica.-

17 - 6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18 - 1: Desarmar y limpiar.-

18 - 2: Inspeccionar.-

18 - 3: Armar y realizar prueba hidráulica.-

19 - POST-ENRIADOR:

19 - 1: Desarmar y limpiar.-

19 - 2: Inspeccionar.-

19 - 3: Armar y realizar prueba hidráulica.-

20 - REJILLAS Y PROTECTORES:

20 - 1: Limpiar e inspeccionar.-

20 - 2: Reparar.-

21 - FILTROS INERCIALES:

21 - 1: Limpiar e inspeccionar.-

21 - 2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22 - 1: Desarmar y limpiar filtros caja de coladores.-

22 - 2: Cambiar filtros de tambor, pre-lubricación y turbo.-

22 - 3: " juntas.-

23 - CABEZA FILTRO TURBO:

23 - 1: Desarmar y limpiar.-

23 - 2: Inspeccionar elementos.-

23 - 3: Armar y probar.-

24 - CABEZA VASOS VISORES:

24 - 1: Desarmar y limpiar.-

24 - 2: Armar.-

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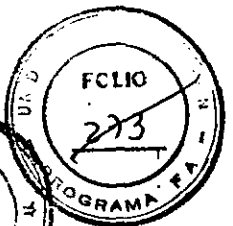
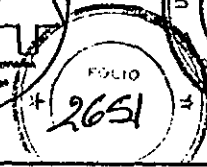
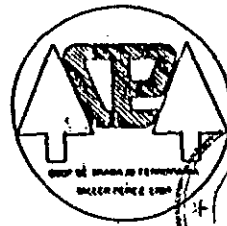
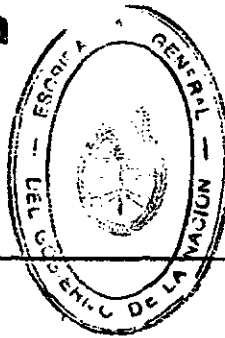
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ANEXO

25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

26 - GANCHOS CENTRALES:

- 26 -1: Desarmar ganchos.-
- 26 -2: Limpiar y arenar ganchos.-
- 26 -3: Inspeccionar fisuras y rosca.-
- 26 -4: Rellenado y normalizado.-
- 26 -5: Maquinado.-
- 26 -6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc. de rosca, chavetas y fisuras.-
- 27 - 3: Reparac. y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLFES:

- 28 -1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATO-S:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 -1: Desarmar, limpiar y armar.-
- 30 -2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Desconec. Gen. Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen. Aux.
- 31-1-6: Controlar alabes de turbina sopladora.-

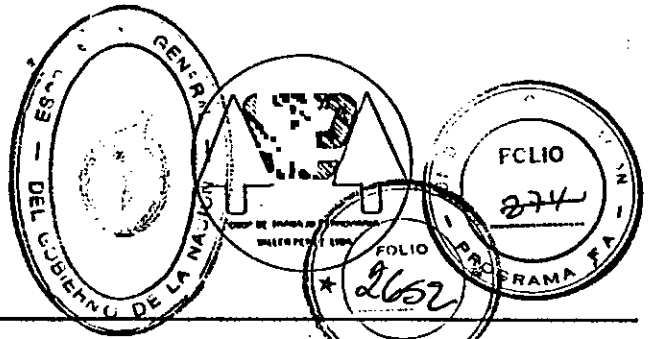


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ANEXO

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Proviene de Gen. Auxiliar (Parte Eléct.)

- 31-1-7: Controlar balanceado turbina.-
- 31-1-8: " bases de Gen. Aux. (Agujeros bases sujeción M/D. Motor eléct. carcaza)
Controlar manchón de acople.-
- 31-1-9 : Desarmar y lavar gen. auxiliar.-
- 31-1-10: Controlar eléctricamente carcaza e inducido.-
- 31-1-11: Revisión de rodamientos (cambio de grasa).-
- 31-1-12: Tornear, ranurar y biselar colector.-
- 31-1-13: Normalizar portaescobillas y cambio escobillas.-
- 31-1-14: Armado Gen. Aux.-
- 31-1-15: Ensamble de carcaza turbina al G.A.-
- 31-1-16: Verificar aislación en general.-
- 31-1-17: Montar en locet.-
- 31-1-18: Con reloj comparador, alinear.-
- 31-1-19: Acoplar fuelles de ventilación.-
- 31-1-20: Colocar acople flexible e/cardan y auxiliar.-
- 31-1-21: Conectar eléctricamente.-
- 31-1-22: Colocar tapas post. e/M/D. y sala presurizada.-
- 31 - 2 : Bombas combustible y prelubricación.-
- 31-2-1 : Desconectar y desmontar bombas.-
- 31-2-2 : Desarmar bombas.-
- 31-2-3 : Lavar con solvente.-
- 31-2-4 : Controlar rodamientos y eje.-
- 31-2-5 : " bobinados de campos e inducidos.-
- 31-2-6 : Tornear colector, ranurar y biselar.-
- 31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.
- 31-2-8 : Armar y pintar bombas.-
- 31-2-9 : Controlar funcionamiento , aislación y caudal.-
- 31-2-10: Montar en locomotora.-
- 31-2-11: Conectar.-
- 31 - 3 : MOTORES DE ARRANQUE-
- 31-3-1 : Desconectar y desmontar.-
- 31-3-2 : Desarmar y lavar.-
- 31-3-3 : Control de aislación e/campo y masa de carcaza.-
- 31-3-4 : Controlar eje estriado.-
- 31-3-5 : " eléctricamente inducido y campos.-
- 31-3-6 : Cambio de bujes y control Bendix.-
- 31-3-7 : Controlar placa conjunto portaescobillas.-
- 31-3-8 : Tornear, ranurar, biselar colector.-
- 31-3-9 : Cambio de escobillas.-
- 31-3-10: Armar, controlar funcionamiento y aislación.-
- 31-3-11: Montar y conectar.-

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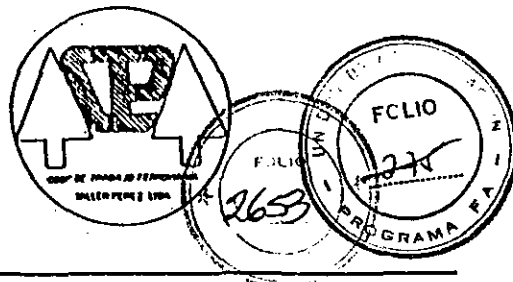
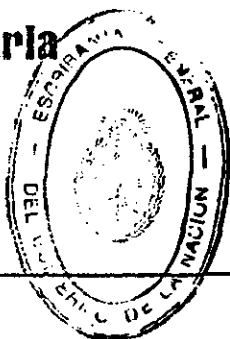
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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar.-
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Torneear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en loc.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6 : BATERIAS.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y conexión.-

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

31 - 8 : MOTOR DE TRACCION:

- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos, conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa o métodos adecuados a c/caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa. INMET
- 31-8-6 : Controlar bandas.-

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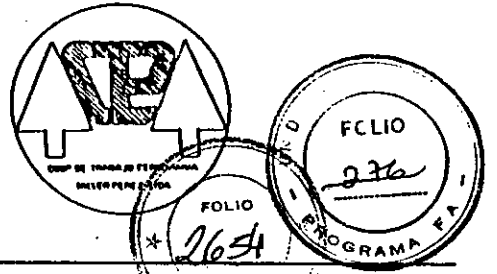
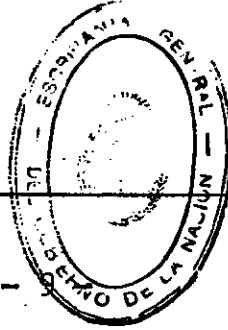
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Proviene de Motor de Tracción/

ANEXO

- 31-8-7 :Controlar ovalización del colector.-
- 31-8-8 :Tornear, biselar y ranurar inducido.-
- 31-8-9 :Controlar dimensiones en carcasa, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12:Rearmado completo, colocación de escobillas nuevas

- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-.
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

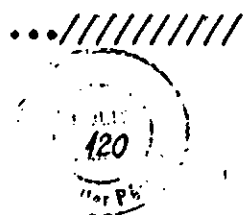
- 31 - 9 :MOTOR SOPLADOR DE FILTROS INERCIALES:
 - 31-9-1 :Inspecc. visual de funcionamiento y control de rodamiento.-
 - 31-9-2 :Ensayo de aislación.-

- 31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:
 - 31-10-1: Inspecc. visual de funcionam. y conecciones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
 - 31-10-2: Inspección visual de funcionamiento y conecciones de todos los relevadores en gral.-
 - 31-10-3: Inspecc. visual de funcionam. y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
 - 31-10-4: Inspección visual de todas las resistencias y reostatos.-
 - 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadores, etc.)
 - 31-10-6: Inspecc. visual de coneccionado panel RCP, SBP. y TRP. panel sensor y de patinaje WSC).-
 - 31-10-7: Desconectar y desmontar reg. carga de batería.-
 - 31-10-7-1: Control de ajuste en banco de prueba.-
 - 31-10-7-2: Montaje y conexión sobre locomotora.-

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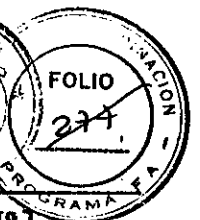
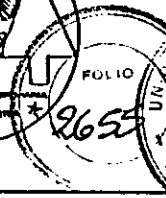
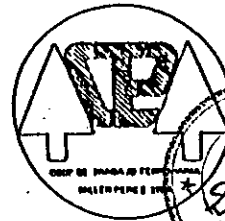
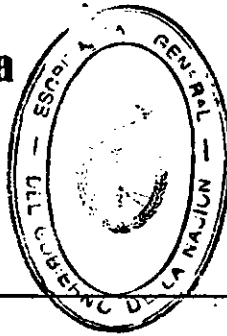
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31 - 11 - REGULADOR DE CARGA L.R.;

31-11-1 : Inspecc.de funcionam.superf.de contacto,
valor ohms,escobillas y conexiones.-

ANEXO

31 - 12 : ALTERNADOR ARLO - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext.rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext.rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob.en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-

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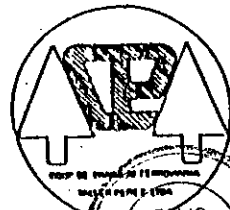
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ANEXO

Proviene de Bogies/

- 33 - 2 : Control estanqueidad y funcionamiento del equipo de freno en bogie. Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 : Desmontaje timonería de freno y ejes.-
- 33 - 4 : Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 : Cajas punta de eje: revisión y engrase total, desmontaje, control y montaje de rodamientos.-
- 33 - 6 : Reemplazo de colizas del pedestal.-
- 33 - 7 : Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descriptas por el fabric. serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 : Controlar suspensión de nariz de Mot. de Tracc. controlar estado de los topes en el bogie (en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 : Controlar el bastidor y viga "Bolster" con tintas penetrantes, soldaduras, de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long. los trabajos se considerarán eventuales.-
- 33 - 10 : Controlar posibles desgastes en el pendular de suspensión, fijación al bastidor, apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm. se normalizarán p/soldadura. (de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos, las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 : Control de jgos. de palancas, colizad., pernos correderas regulad. de freno, portazapatas, etc.- Encasquillado de la timonería de freno con total reemplazo de bujes, pernos, chavetas.-
- 33 - 12 : Control de amortiguadores- Reemplazo de bujes de goma.-

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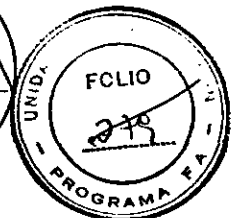
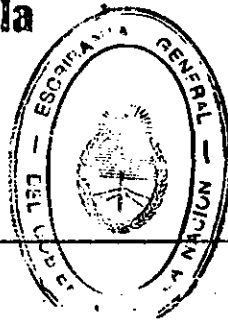
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ANEXO

- 33 - 13: Limpieza y control dimensional de cajas cúbre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador. Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
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- 34 - 5: Montaje del compresor-acople del cardan al M/D. y alineaci.

ONUIS GARRAL

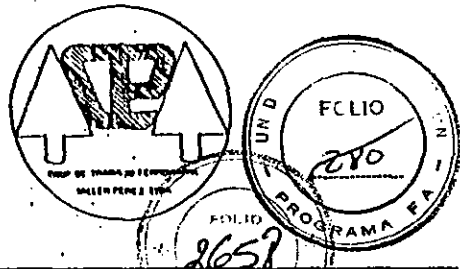
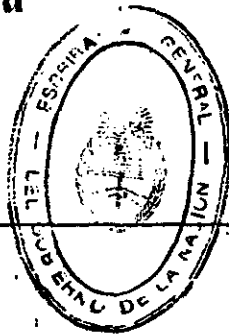
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- 13 -

ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conec. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-
- 36 - : PUESTA EN MARCHA.-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loct.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

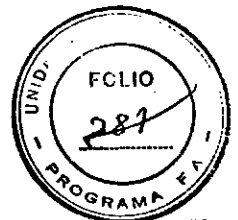
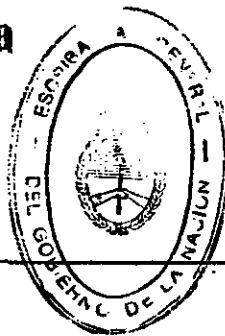
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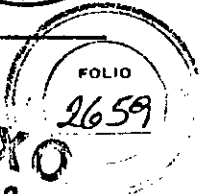
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ANEXO TECNICO N°2

ANEXO



MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca capuchón	12N°.-	8,33
.0129.0/	Elemento de filtro.-	24N°.-	34,56
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42
9006667000.0/	" retén de aceite.-	1N°.-	5,90
9006664000.0/	Guarnición.-	1N°.-	0,81
9006747000.0/	" anular.-	1N°.-	0,65
9006722000.0/	Guarnición.-	1N°.-	4,15
9006407000.0/	" de la tapa.-	1N°.-	12,32
9006587000.0/	Diafragma.-	1N°.-	10,89
9002817000.0/	Aro.-	2N°.-	0,99
9006618000.0/	"	1N°.-	0,55
9002793000.0/	"	4N°.-	2,20
9131505000.0/	Sello.-	1N°.-	9,50
8.888.90.1.989.0/	"	1N°.-	1,81
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02
.0403.0/	Sello de aceite.-	1N°.-	14,29
9006599000.0/	Guarnición.-	1N°.-	2,03
0.08.3.09.1229.0/	"	1N°.-	1,16
9006713000.0/	"	1N°.-	1,77
9006704000.0/	Sello anular.-	1N°.-	5,32
9006688000.0/	" "	1N°.-	4,36
8.655.05.1.413.0/	Rodam. SKF. 6203 EZ.-	1N°.-	5,50
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84
.0629.0/	Junta para lubricación.-	24N°.-	2,83
9131487000.0/	Elemento filtrante.-	7N°.-	270,62
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89
.0711.0/	Filtro blindado.-	2N°.-	29,82
.1443.0/	Sello.-	1N°.-	39,19
.0645.0/	Junta de vaso.-	2N°.-	0,87
.0735.0/	Aro "0".-	2N°.-	0,85
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93
.08.0151.0/	Jgo. juntas bomba agua.-	1N°.-	8,76
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54
9131197000.0/	Junta.-	2N°.-	11,16
9062580000.0/	"	2N°.-	3,20
9131171000.0/	Junta para codo.-	2N°.-	14,96
9131540000.0/	Junta para brida.-	2N°.-	3,19
9062880000.0/	" " "	2N°.-	6,16
9131197000.0/	Junta.-	1N°.-	2,79
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64
.1163.0/	" " " p/colador.-	1N°.-	24,37
.1409.0/	Filtro turbo grande.-	1N°.-	25,71

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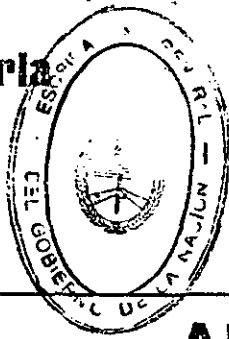
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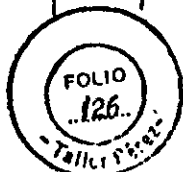
ANEXO Anexo Técnico N° 2
Mat. Neo. Rep. Básica
Equiv. N° 3°



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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo.de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	1 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo.reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " " válv.N°8.-	1 N°.-	8.-
.1424.0/	" " " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "O".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " " "O".-	1 N°.-	2,08
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	" "	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "O".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " " "	1 N°.-	0,23
.2601.0/	Aro "O" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "O".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "O".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "O".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	" "	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo.juntas e/cab.y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo.de aros STD.-	12 N°.-	2.711,76
.08.0051.0/	Jgo.de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P.y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	" " " " A/P.	1 N°.-	34,58

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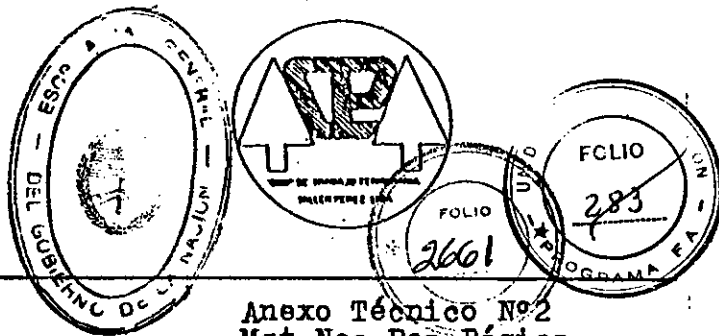


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Anexo Técnico Nº 2
Mat. Nec. Rep. Básica
Equiv. Nº 3 **ANEXO**

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- 3 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.5.01.0487.0/	Juntas.-	2 N°.-	6,30
.0489.0/	"	2 N°.-	3,74
.0535.0/	"	2 N°.-	30,38
.0531.0/	"	1 N°.-	14,59
9061512000.0/	Juntas tapa lateral.-	2 N°.-	7,43
9061522000.0/	Junta.-	10 N°.-	21,45
9061529000.0/	"	2 N°.-	2,23
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 N°.-	4,95
9061521000.0/	Junta.-	3 N°.-	2,34
0.08.5.01.0065.0/	Retén.-	2 N°.-	22,05
9131019000.0/	Silemblock.-	20 N°.-	281,16
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 N°.-	297,36
.0173.0/	" p/sello.-	24 N°.-	1.167,44
.0175.0/	Sello retén.-	24 N°.-	133,81
9130436000.0/	Buje.-	10 N°.-	43,62
9064002000.0/	"	16 N°.-	103,95
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 N°.-	209,20
.0921.0/	Buje.-	4 N°.-	20,61
.0923.0/	"	12 N°.-	79,23
.0927.0/	"	4 N°.-	17,83
.0931.0/	"	4 N°.-	17,91
.0935.0/	Perno.-	8 N°.-	194,73
.0973.0/	Perno c/ rosca hembra.-	8 N°.-	135,92
.0975.0/	" " " "	8 N°.-	135,92
.1017.0/	Perno.-	2 N°.-	50,97
.1019.0/	"	2 N°.-	52,41
9000362000.0/	Zapata fundida.-	12 N°.-	256,30
0.08.1.01.1211.0/	Buje.-	24 N°.-	138,57
.1213.0/	"	32 N°.-	159,94
.1217.0/	Perno p/traba.-	8 N°.-	421,47
.1265.0/	Perno.-	16 N°.-	359,91
.1291.0/	"	4 N°.-	133.-
.1295.0/	Perno.-	2 N°.-	40,87
.1317.0/	"	16 N°.-	294,42
.1411.0/	Guardapolvo.-	6 N°.-	96,94
.1413.0/	Abrazadera p/guardapolvo.⊙	6 N°.-	21,85
.1497.0/	Sello fieltro.-	24 N°.-	67,20
.1508.0/	" protector.-	6 N°.-	192.-
.1509.0/	Retén.-	6 N°.-	153,57
.1517.0/	" de sello.-	6 N°.-	170,50
9006247000.0/	Empaquetadura taza p/pistón.-	8 N°.-	144,64
9019989000.0/	Conjunto guía pedestal.-	24 N°.-	2.592,33
0.08.7.01.1345.0/	Escobilla AR.10.-	4 N°.-	45,13
.1351.0/	" D.14.-	4 N°.-	29,34
9131615000.0/	" E.44.-	8 N°.-	78,29
0.08.7.21.0041.0/	Buje I/ colector.-	2 N°.-	5,89
9131694000.0/	Buje p/ carcaza guía.-	2 N°.-	2,67
9131695000.0/	" " espaciadora.-	2 N°.-	4,18
0.08.7.21.0091.0/	Escobilla c/terminal.-	24 N°.-	71,29

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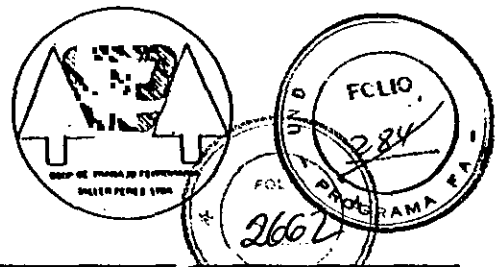
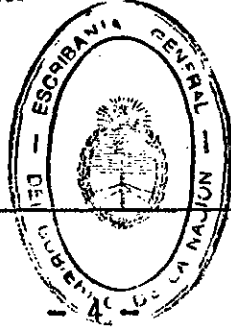
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Anexo Técnico N°2
Mat.Nec.Rep.Básica
Num.3°.- **ANEXO**

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	:Escobilla.-	: 4N°.-	: 15,61 :
.08.0389.0/	: " DE.7	: 48N°.-	: 743,40 :
8.343.03.1.555.0/	:Esmalte sintético negro.-	: 28 Lts.:	: 180,60 :
.105.0/	: " " verde.-	: 35 Lts.:	: 211,75 :
.220.0/	: " " amarillo.-	: 12Lts.:	: 108,24 :
.110.0/	: " " rojo.-	: 12 Lts.:	: 91,44 :
.115.0/	: " " Rojo.-	: 6 Lts.-:	: 59,46 :
.999.9/	: " " Blanco.-	: 1 Lt.-:	: 8,46 :
8.349.10.2.050.0/	:Thinner.-	: 40 Lts.:	: 43,20 :
8.233.71.3.010.0/	:Masilla plástica.-	: 4Kgs.-:	: 15,40 :
8.229.54.4.005.0/	:Lija al agua.-	: 20 N°.-:	: 10,80 :
8.593.99.9.999.0/	:Cinta de enmascarar.-	: 2 N°.-:	: 4,08 :
8.245.53.4.020.0/	:Jabón en polvo.-	: 2 Kgs.-:	: 3,32 :
8.247.01.1.001.0/	:Estopa.-	:12 ":-	: 30,36 :
.50.1.001.0/	:Trapo blanco.-	:10 Kgs.-:	: 33,20 :
8.349.05.1.030.0/	:Líquido p/limpieza.-	:600Lts.-:	: 378.- :
8.397.10.1.130.0/	:Aceite turbina YPF.68.-	: 60Lts.-:	: 111,51 :
.38.1.115.0/	: " YPF.397.-	: 750Lts.-:	:1.763,20 :
.10.1.150.0/	: " " 78.-	: 3 Lts.:	: 7,08 :
.66.1.100.0/	:Grasa.-YPF.96.-	: 30Kgs.-:	: 21,60 :
.63.1.114.0/	: " " 63.-	:15Kgs.-:	: 39,60 :
.118.0/	: " Shell Ciprina.-	: 1 Kg.-:	: 5,32 :
8.245.20.8.020.0/	:Barniz Giptal.-	: 4 Lts.-:	: 29,40 :
8.260.19.5.070.0/	:Soda Cáustica.-	: 10Kgs.-:	: 13,90 :
8.390.05.1.018.0/	:Gas-Oil.-	:1500Lts.:	: 525.- :
8.395.10.2.045.0/	:Gas envasad .-	: 45 Kgs.:	: 44,60 :
8.260.03.1.020.0/	:Acido muriático.-	: 2 Lts.:	: 2.- :
8.233.26.3.010.0/	:Silastic.-	: 1 Kg.:	: 28,58 :
8.500.01.1.050.0/	:Estaño al 50%.-	: 1 Kg.:	: 23,60 :
8.395.15.2.006.0/	:Acetileno.-	: 6 Kgs.:	: 66,84 :
.30.2.006.0/	:Oxígeno.-	: 6 m3.-:	: 15,54 :
8.081.01.1.016.0/	:Alambre cincado.-	: 3 Kgs.-:	: 6,57 :
8.575.13.3.019.0/	:Fieltro en plancha 3/4".-	: 3 Kgs.-:	: 23,79 :

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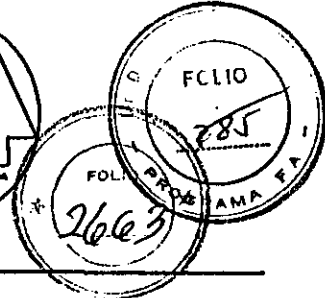
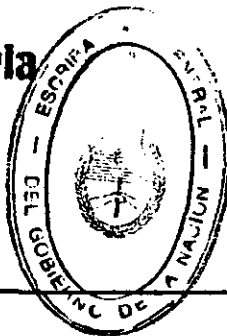
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ANEXO TECNICO N° 3

ANEXO

TAREAS ADICIONALES REPARACION LOCT. GENERAL MOTORS GT.22.CW.N°9039

I -	<u>PARTE MECANICA</u>	<u>CANTIDAD A REPARAR.-</u>
1) - <u>Motor Diesel:</u>		
1 - 1:	<u>Turba_sobrealimentadora:</u>	1
1-1-1:	Desmontaje del M/D.	
1-1-2:	Desarme completo.-	
1-1-3:	Limpieza y/o descarbonización de todos y c/u de los elementos con productos y sistemas adecuados a cada caso.-	
1-1-4:	Inspección visual, geométrica y/o por Magnaflux de todos sus elementos.-	
1-1-5:	Control de balanceo dinámico del rotor.-	
1-1-6:	Reemplazo de juegos de juntas.-	
1-1-7:	Anillo toberas aporte de material en deflectores averiados y posterior ajustes.-	
1-1-8:	Reparación de embrague.-	
1-1-9:	Reemplazo de cojinetes.-	
1-1-10:	Armado y acondicionamiento para su posterior montaje sobre M/D.	
1-1-11:	Montaje en el M/ D.	
1 - 2:	<u>Inyector:</u>	12
1-2-1:	Reemplazo de roscas averiadas (espigas).-	
1-2-2:	" " elemento bombante.-	
1-2-3:	" " toberas .-	
1-2-4:	" " tuercas del inyector.-	
1 - 3:	<u>Balancines:</u>	36
1-3-1:	Reemplazo de buje.-	
1 - 4:	<u>Manchón acople Generador Auxiliar:</u>	1
1-4-1:	Desmontaje del M/D.	
1-4-2:	Reparación de manchón.-	
1-4-3:	Reemplazo de silemblock.-	8
1-4-4:	Montaje del manchón al M/D.	
1 - 5:	<u>Protector de Volante M/D. y cardan Gen. Aux.</u>	2
1-5-1:	Fabricación y colocación.-	
1 - 6:	<u>Bomba de agua:</u>	1
1-6-1:	Cambio de rodamientos.-	
1-6-2:	Cambio de impulsor.-	

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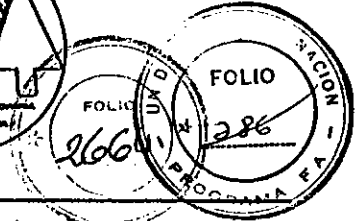
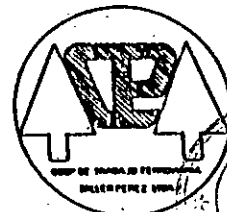
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Anexo Técnico N°3
Tareas Adicionales-- Rep.
Loct.G.M.GT.22.CW N°9039

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- 2 -

CANTIDAD A
REPARAR.-

ANEXO

2) - Elementos del Sistema Neumático:

2 - 1: Limpia parabrisas.-

2-1-1: Colocación de chapa protectora y sujeción de grifos de limpia vidrios.- 1

2-1-2: Colocación de grifos comando L/V. 2

2-1-3: Reparación de caños de aire a motores Limpia vidrios 4

2 - 2: Tuberías y grifos:

2-2-1: Colocación de mangas conectoras p/medir presión de filtros inerciales.- 3

2-2-2 : Colocar grifo despurgue depósito principal.- 1

2 - 3: Freno de mano:

2-3-1: Reparación integral.- 1

2 - 4: Recuperador aceite compresor: 1

2-4-1: Desarmar y limpiar.-

2-4-2: Inspeccionar elementos.-

2-4-3: Armar.-

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II - PARTE ELECTRICA -

3) - Circuito y equipo eléctrico:

3 - 1 : Motor de Tracción:

3-1-1 : Rebobinado de armadura.- 6

3-1-2 : Recambio de colector.- 2

3-1-3 : Cambio del eje del inducido.- 1

3-1-4 : Reemplazar caja soporte y alesar alojamiento de cojinetes.- 12

3-1-5 : Desmontaje, desarmar y reparac. de bobinas de campos de comutac. y ppales.- 8

3-1-6 : Reparar puntas de bobinas de campos.- 10

3-1-7 : Cambiar aislación completa de los campos.- 8

3 - 2 : Circuitos en Gral. y Auxiliares:

3-2-1 : Desmontar y reparar luz clasificación delantero y trasero, montar.- 4

3-2-2 : Desmontar faros cabecera delant. y trasero y colocar burletes.- 4

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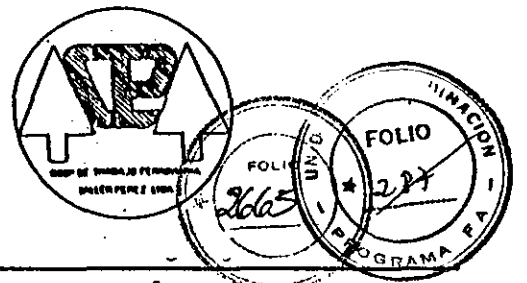
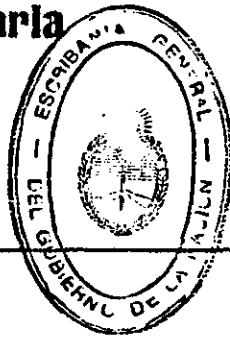
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Anexo Técnico n°3
Tareas Adicionales-Rep.
Loot.GM.GT.22.CW.N°9039

...///

- 3 -

CANTIDAD A
REPARAR

ANEXO

3-2-3: Colocar calentador eléctrico.-	1
3-2-4: Reacondicionar equipo luz cabina.-	1
3-2-5: Colocar reostato y equipo luz instrumento.-	4
3-2-6: " palanca reversa e interruptores areneros	1
3-2-7: Colocar portalámparas prueba fusible y luz indicadora, filtros tapados.-	1
3-2-8: Desconectar, desmontar, inspeccionar, reparar.- controlar funcionamiento, montar y conectar contactores SP.36-RVF14-FS1- V.R.	1 de c/u.
3-2-9: Reparar manga de regulador Motor Diesel.-	1
3-2-10: Cambiar fusible C1-C2 Electroventiladores del radiador.-	4
3-2-11: Reparar terminal conexión de baterías.-	1
3-2-12: Colocar bases, llaves y motores descongeladores.-	6
3-2-13: Colocar cables conexión velocímetro averiados.-	1

4) - Bastidor y Carrocería:

4 - 1 : Reemplazo de vidrio ventana deslizante.-	4
4 - 2 : " " " de numeración.-	2
4 - 3 : Colocar parasoles.-	4
4 - 4 : " espejos retrovisor.-	2
4 - 5 : " parabrisa frontal derecho.-	1
4 - 6 : " " " fijo trasero.-	1
4 - 7 : " cierre y traba puerta sala presurizada.-	1
4 - 8 : Reparar puertas sala de máquina.-	5
4 - 9 : " " capot sala máquinas.-	5
4 - 10 : " escalerilla frontal delantera izq.y der.	2
4 - 11 : " pasamano frontal trasero.-	1
4 - 12: Baranda lateral derecha.-	1
4 - 13: Reparar nivel tanque combustible.-	1
4 - 14: Colocar filtro llenado tanque combustible.-	2
4 - 15: Desmontar, enderezar y montar miriflaque.-	1
4 - 16: Colocar mangas areneras.-	4
4 - 17: Reparación integral de asientos conducc.y pre-conductor.-	2
4 - 18: Reparación integral de 3er.asiento y apoyabrazos	1
4 - 19: Reemplazar fuelles ventilación a motores de tracción.-	6

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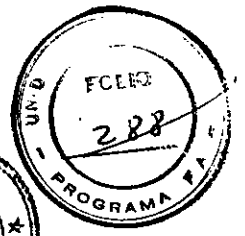
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ANEXO

ANEXO TECNICO N° 4

MATERIALES ADICIONALES LOC. G.T.22 C.W. N° 9039

N.U.M.	DESCRIPCION	CANT.	PRECIO \$
:0.08.3.05.0435:0/	:Guarnición	: 1	: 1,37 :
: 0465:0/	:Junta p/sello de cojinetes	: 1	: 1,69 :
: 0559:0/	:Junta del conducto	: 1	: 4,50 :
: 0665:0/	: " e/carcaza y cojinete	: 1	: 1,72 :
: 0767:0/	: " p/aro del engranaje	: 1	: 2,00 :
: 0443:0/	:Arandeka especial	: 1	: 55,22 :
: 0471:0/	:Retenedor de la carcaza	: 1	: 60,86 :
: 0523:0/	:Sello espiral	: 1	: 4,14 :
: 0747:0/	:Rodillo	: 12	: 66,68 :
: 0751:0/	:Resorte del rodillo	: 12	: 5,45 :
: 0357:0/	:Deflector de aluminio	: 1	: 1.054,99 :
: 0447:0/	:Cojinete del compresor	: 1	: 1.149,49 :
: 0449:0/	: " esferico del compresor	: 1	: 1.398,56 :
: 0699:0/	: " de la turbina	: 1	: 909,12 :
: 0729:0/	: " "	: 2	: 43,84 :
: 0815:0/	: " para engranaje	: 1	: 338,47 :
: 0929:0/	:Rodamiento a rodillos	: 1	: 358,58 :
: 2019:0/	:Juego de juntas	: 1	: 174,10 :
: 3:06.0147:0/	:Juego reparación inyectores	: 12	: 914,28 :
: 3:02.0655:0/	:Buje de babancin	: 36	: 265,99 :
: 9131019000:0/	:Silentblock	: 8	: 112,46 :
:8:655.05.1.960:0/	:Rodamiento bomba agua	: 1	: 43,38 :
:0.08.3.08.0097:0/	: " " "	: 1	: 42,38 :
: 0043:0/	:Impulsor	: 1	: 305,69 :
: 5:05.3611:0/	:Valvual reguladora de presión	: 2	: 37,02 :
: 6:09.1393:0/	:Caño para manga de conex.	: 3	: 28,36 :
: 5:03.9999:0/	:Grifo depósito principal	: 1	: 8,35 :
: 9003122000:0/	:Recuperador de aceite	: 1	: 42,75 :
:0.08.9.01.0419:0/	:Cadena freno de mano	: 1	: 70,25 :
: 0423:0/	:Eslavón para unión	: 1	: 7,45 :
: 9004404000:0/	:Retén para piñón	: 2	: 10,26 :
: 0371000:0/	:Buje	: 1	: 18,45 :
: 4398000:0/	: " "	: 1	: 14,23 :
: 4401000:0/	: " "	: 2	: 11,39 :
:0.08.2.02.2043:0/	:Vidrio ventana deslizante	: 1	: 30,00 :
: 0097:0/	:Vidrio numeración	: 1	: 30,00 :
: 2355:0/	:Parabrisas p/ventana fija	: 1	: 30,00 :
: 2351:0/	: " frontal delantero	: 3	: 90,00 :
: 3351:0/	:Parasoles	: 4	: 205,03 :
: 9013001000:0/	:Espejo retrovisor	: 2	: 346,90 :
:0.08.1:01.9999:0/	:Manga arenera	: 6 Mts.	: 79,32 :
: 3:06.0867:0/	:Filtro de la boca de carga	: 2	: 62,38 :
: 1025:0/	:Nivel para manga combustible	: 2	: 55,10 :
: 9064579000:0/	:Fuelle conducto ventilación	: 6	: 554,95 :
:0.08.5.06.1109:0/	:Motor limpiavidrios	: 1	: 118,50 :
: 1234:0/	:Brazo L/V. fijo frontal	: 5	: 473,70 :
: 9019763000:0/	:Paño L/V.	: 3	: 24,36 :
:0.08.2.02.2963:0/	:Recubrimiento de asientos	: 2	: 77,08 :

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1/2

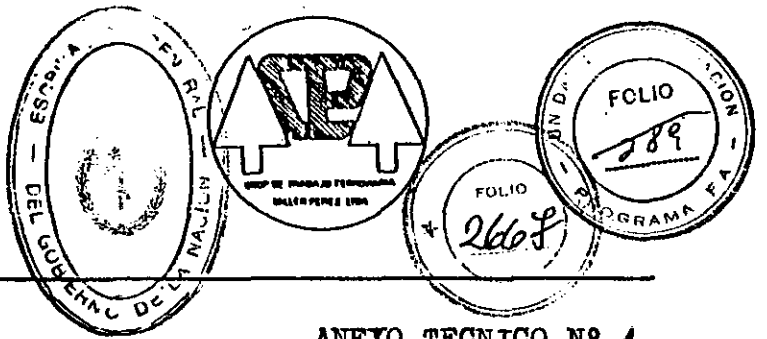


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Loc. 9039



ANEXO TECNICO N° 4
Materiales adicion.

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-2-

N.U.M.	DESCRIPCION	CANT.	PRECIO \$
:0.08.2.02.3001:0/	:Rec. cuero P/respaldo	: 2	: 65,10
: 3131:0/	:Apoyabrazos	: 2	: 164,12
: 3091:0/	:Asiento rebatible	: 1	: 86,96
: 3:04:1043:0/	:Palanca giro M/D	: 1	: 1.166,77
: 9:13:1221:0/	:Manga a Motores L/V.	: 2	: 102,50
: 5:03:0011:0/	:Manga A/C	: 2	: 32,42
: 2:02:2561:0/	:Cerradura puerta cabina	: 1	: 180,49
: 9019813000:0/	:Picaporte	: 2	: 40,10
: 9035022000:0/	:Peine L/V.	: 2	: 20,60
:0.08.5:03:0138:0/	:Obturador de manga	: 2	: 14,50
: 9:01:0367:0/	:Miriflaque	: 1	: 887,50
: 3:06:0049:0/	:Embolo completo	: 12	: 1.626,28
: 7.08.0601:0/	:Juego de rebobinado	: 6	: 43.200,00
: 0799:0/	:Eje de inducido	: 1	: 2.280,00
: 1127:0/	:Pifión	: 4	: 6.617,82
: 0795:0/	:Colector	: 2	: 21.120,36
: 0293:0/	:Portaescobillas	: 8	: 1.977,28
: 0965:0/	:Junta	: 6	: 13,18
: 0967:0/	: - "	: 6	: 25,50
: 0109:0/	:Placa desgaste inf.	: 4	: 43,26
: 0107:0/	: " " superior	: 2	: 58,30
: 1131:0/	:Tuerca seguro pifión -	: 5	: 141,10
: 0039:0/	:Tapa soporte cojin. 1/pifión	: 6	: 12.935,67
: -0063:0/	: " " " 1/colec.	: 6	: 11.028,18
:8.655:22:1:450:0/	:Rodamiento L L/pifión	: 6	: 7.506,00
: 23:1:452:0/	: " " L/colector	: 6	: 5.700,00
: 397:63:1:180:0/	:Grasa shell cyprina	: 5,40 Kg:	: 28,73
: 561:40:1:060:0/	:Maylar 0,35 mm	: 0,90 " :	: 8,47
: 54:1:063:0/	:Cinta hilado de vidrio	: 150 Mts:	: 93,00
: 502.01.1:025:0/	:Electrodo	: 9 Kg. :	: 35,13
: 2:004:0/	: " "	: 1,8 " :	: 7,56
: 02:4:014:0/	: " "	: 1,5 " :	: 6,30
: 561.50:1:080:0/	:Cinta blanca	: 600 Mts:	: 96,00
: 53:1:150:0/	:Cinta no adhesiva	: 180 " :	: 21,60
: 245:22:3:050:0/	:Barniz Dolphs	: 60 Lts:	: 462,60
: 260.37.1:035:0/	:Acelerador	: 0,15 " :	: 2,21
: 040:0/	:Catalizador	: 0,75 " :	: 8,36
: 010:0/	:Resina poliester	: 15 " :	: 56,55
: 561:65:3:020:0/	:Cordon trenzado	: 120 Mts:	: 192,00
: 501:30:1:011:0/	:Plata p/soldar	: 0,15 Kg:	: 13,00
: 500.01:1:050:0/	:Estaño 50 %	: 3 " :	: 70,80
: 37.6:025:0/	:Resina P/soldar	: 0,9 " :	: 9,57
:0.08.8:02:0393:0/	:Vidrio luz clasificación	: 2	: 24,00
: 7.17.0009:0/	:Descongeladores	: 6	: 228,00
: 9999:0/	:Caja de llaves y res. descong:	: 6	: 208,43
: 8.02.0529:0/	:Equipo luz cahina	: 1	: 38,18
: 9131261000:0/	:Equipo luz instrumentos	: 4	: 32,87
:0.08.6:09:6453:0/	:Reostato	: 1	: 23,07
: 6:01:0433:0/	:Palanca de reversa	: 1	: 20,71
: 6:03:0129:0/	:Interrupor arenado manual	: 1	: 113,94
: 9019609000:0/	:Cable conex. velocimetro	: 1	: 42,13

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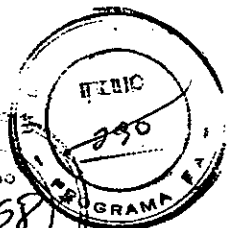
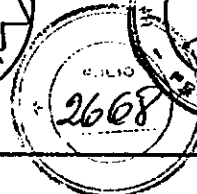
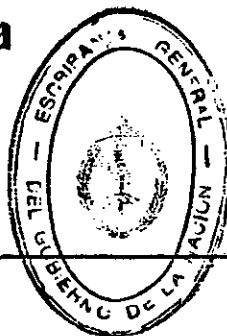


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Anexo Tecnico N° 4
Material de edición.

ANEXO

-3-

N.U.M.	DESCRIPCION	CANT.	PRECIO \$
9130958000:0/	:Perilla	2	3,44
0466000:0/	:Portalampara prueba fusible	1	2,25
9053902000:0/	:Fusible 70 amp.	1	2,70
0.08.6:09:1379:0/	:Portalamp. filtros tapados	1	13,66
9.06.0275:0/	:Extractor de impurezas	1	25,45
8:532.02.4.385:0/	:Lampara de iluminacion	10	20,00
0.08.8:05:0251:0/	:Manga conex. elect. gobern.	1	118,50
8:01:0795:0/	:Calentador electrico	1	16,06
8:03.0147:0/	:Baterias	8	4.670,00
9131824000:0/	:Burlate unidad sellada	4	12,74
0.08.6.09.6038:0/	:Fusibles C1 - 02	4	40,88
9130976000:0/	:Terminal conex.	1	13,13
9019611000:0/	:Generador de pulsas	1	2.230,20
9130968000:0/	:Perilla M.C.O.	1	1,20
0.08.7:21:0301:0/	:Protector Motor arranque	1	98,93
8:02.0605:0/	:Portalamparas	1	26,68
9130844000:0/	:Vidrio protector	2	17,04
0867000:0/	:Protector de alambre	2	66,33
8,532.85.7.050:0/	:Unidad sellada	2	147,00

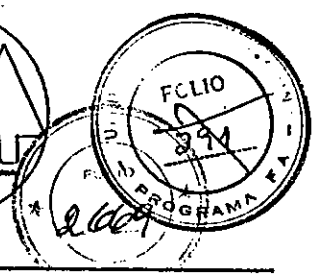
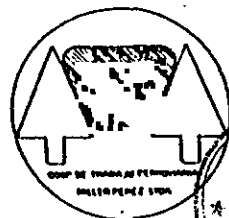
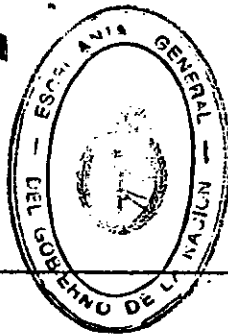
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ANEXO TECNICO N°1

ANEXO

LOCOMOTORAS GENERAL MOTORS G.T.22.C.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies ; sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyectores, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Pre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardan de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a o/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañerías, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de alta y baja en sala de máquinas y Bastidor.-

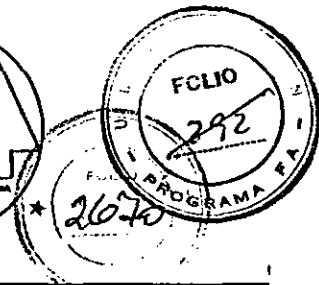
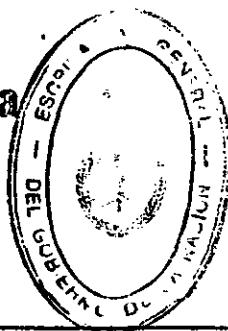
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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

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- 2 -

9 - MOTOR DIESEL:

9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.- **ANEXO**

9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

9-3-1: Desarmar y limpiar inyectores.-

9-3-2: Inspeccionar elementos bombeantes.-

9-3-3: Rectificar aguja y asentar a tobera.-

9-3-4: Controlar funcionamiento cremalleras.-

9-3-5: Reemplazar elementos filtrantes y juntas.-

9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCINES:

9-4-1: Desarmar y limpiar.-

9-4-2: Controlar bujes, pernos y caños lubricación.-

9-4-3: Armar.-

9 - 5: PUENTES DE VALVULAS:

9-5-1: Desarmar y limpiar.-

9-5-2: Inspeccionar elementos.-

9-5-3: Armar botadores y controlar en banco de pruebas.-

9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS
COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

9-6-1: Limpiar y controlar.-

9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

9-7-1: Limpiar.-

9-7-2: Asentar aguja.-

9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

9-9-1: Desmontar culata de cilindro.-

9-9-2: " biela y pistón.-

9-9-3: Limpiar y descarbonizar.-

9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-

9-9-5: " alineación de bielas.-

9-9-6: " dimensional de canasta de biela, cilindro y pistón.-

9-9-7: Bruñir cilindros.-

9-9-8: Desarmar cabezas de cilindros.-

9-9-9: Descarbonizar y lavar.-

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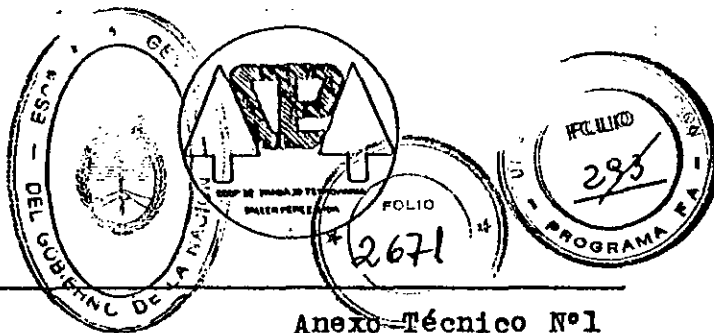
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Anexo Técnico N°1
Locts.G.Motors GT.22.CW

...///(Cont.)

- 3 -

Proviene de Con.de Fuerza/

ANEXO

- 9-9-10 : Controlar huelgo e/válv.y guías.-
- 9-9-11 : Rectificar válv.y asientos.-
- 9-9-12 : Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 : Efectuar prueba hidráulica.-

9 - 10 : REGULADOR M/D.-:

- 9-10-1 : Desarmar y limpiar.-
- 9-10-2 : Inspeccionar elementos.-
- 9-10-3 : Reemplazar diafragmas y juntas.-
- 9-10-4 : Armar y controlar en banco de pruebas.-

9 - 11 : BOMBA DE AGUA:

- 9-11-1 : Desarmar y limpiar.-
- 9-11-2 : Inspeccionar elementos.-
- 9-11-3 : Cambiar sello.-
- 9-11-4 : Armar y probar caudal.-

9 - 12 : GARGANTA DE TURBO:

- 9-12-1 : Descarbonizar y limpiar.-
- 9-12-2 : Inspeccionar en Magnaflux.-

9 - 13 : DETECTOR DE F/POSITIVA Y B/P.ACEITE:

- 9-13-1 : Desarmar y limpiar.-
- 9-13-2 : Inspeccionar elementos.-
- 9-13-3 : Reemplazar diafragmas y juntas.-
- 9-13-4 : Armar y controlar en banco de pruebas.-

9 - 14 : INSPECTOSTAIO:

- 9-14-1 : Desarmar y limpiar.-
- 9-14-2 : Inspeccionar elementos.-
- 9-14-3 : Armar y ensayar en banco de pruebas.-

9 - 15 : VALVULA ALIVIO F/ACEITE:

- 9-15-1 : Desarmar y limpiar.-
- 9-15-2 : Inspeccionar elementos.-
- 9-15-3 : Armar, calibrar y controlar funcionamiento

9 - 16 : VALVULA 10 Y 60 LBS.:

- 9-16-1 : Desarmar y limpiar.-
- 9-16-2 : Controlar elementos.-
- 9-16-3 : Armar y efectuar prueba.-

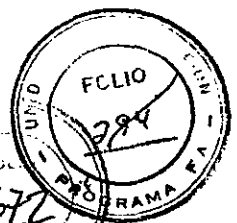
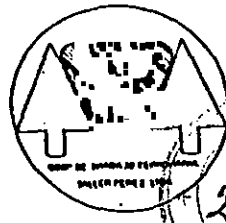
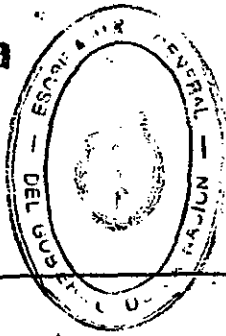
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Anexo Técnico N°1
Locts. G. Motors GT. 22.0W

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ANEXO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.-
- 9-17-2: Efectuar prueba neumática.-
- 9-17-3: Acondicionar vidrios niveles.-
- 9-17-4: Pintar.-

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.-
- 10 - 2: Desarme integral del compresor.-
- 10 - 3: Limpieza de todos sus componentes.-
- 10 - 4: Desmontar rodamientos.-
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.-
- 10 - 6: Rectificado de cigüeñal.-
- 10 - 7: " " cilindros.-
- 10 - 8: Control alineación de bielas.-
- 10 - 9: Inspección de rodamientos.-
- 10 - 10: Reparación integral bomba de aceite.-
- 10 - 11: Desarme y rep. válv. admisión y escape.-
- 10 - 12: " y limpieza y reparac. del radiad. compresor.-
- 10 - 13: Reemplazo de juntas, retenes, etc.-
- 10 - 14: Armado.-
- 10 - 15: Ensayo en banco de pruebas.-
- 10 - 16: Pintura.-

11 - CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.-
- 11 - 2: Controlar alineación y balanceo.-

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.-
- 12 - 2: Inspeccionar elementos.-
- 12 - 3: Cambiar aros "O", juntas y diafragmas.-
- 12 - 4: Armar y probar.-

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.-
- 13 - 2: Probar funcionamiento.-

14 - DEPOSITOS AIRE:

- 14 - 1: Limpiar y efectuar prueba neumática.-

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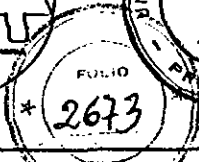
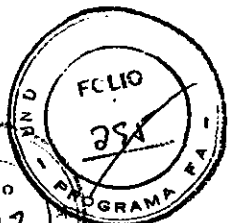
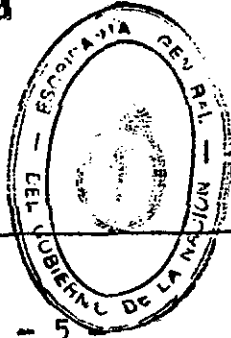
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ANEXO

15 - REJILLA RADIADORES:

15 - 1: Limpiar e inspeccionar.-

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17 - 1: Desarmar y limpiar.-

17 - 2: Baquetear.-

17 - 3: Realizar prueba hidráulica.-

17 - 4: Inspeccionar.-

17 - 5: Armar, y realizar prueba hidráulica.-

17 - 6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18 - 1: Desarmar y limpiar.-

18 - 2: Inspeccionar.-

18 - 3: Armar y realizar prueba hidráulica.-

19 - POST-ENFRIADOR:

19 - 1: Desarmar y limpiar.-

19 - 2: Inspeccionar.-

19 - 3: Armar y realizar prueba hidráulica.-

20 - REJILLAS^Y PROTECTORES:

20 - 1: Limpiar e inspeccionar.-

20 - 2: Reparar.-

21 - FILTROS INERCIALES:

21 - 1: Limpiar e inspeccionar.-

21 - 2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22 - 1: Desarmar y limpiar filtros caja de coladores.-

22 - 2: Cambiar filtros de tambor, pre-lubricación y turbo. →

22 - 3: " juntas.-

23 - CABEZA FILTRO TURBO:

23 - 1: Desarmar y limpiar.-

23 - 2: Inspeccionar elementos.-

23 - 3: Armar y probar.-

24 - CABEZA VASOS VISORES:

24 - 1: Desarmar y limpiar.

24 - 2: Armar.-

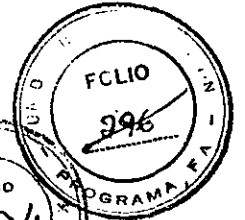
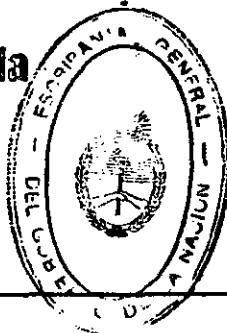
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25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

26 - GANCHOS CENTRALES:

- 26 - 1: Desarmar ganchos.-
- 26 - 2: Limpiar y arenar ganchos.-
- 26 - 3: Inspeccionar fisuras y rosca.-
- 26 - 4: Rellenado y normalizado.-
- 26 - 5: Maquinado.-
- 26 - 6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc. de rosca, chavetas y fisuras.-
- 27 - 3: Reparac. y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLPES:

- 28 - 1: Desmontar placa
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATO-S:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 - 1: Desarmar, limpiar y armar.-
- 30 - 2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Desconec. Gen. Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen. Aux.
- 31-1-6: Controlar alabes de turbina sopladora.-

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Proviene de Gen.Auxiliar(Parte Eléct.)

ANEXO

- 31-1-7: Controlar balanceado turbina.-
- 31-1-8: " bases de Gen.Aux.(Agujeros bases sujeción M/D.Motor eléct.carcaza)
Controlar manchón de acople.-
- 31-1-9 : Desarmar y lavar gen.auxiliar.-
- 31-1-10: Controlar eléctricamente carcaza e inducido.-
- 31-1-11: Revisión de rodamientos(cambio de grasa).-
- 31-1-12: Tornear, ranurar y biselar colector.-
- 31-1-13: Normalizar portaescobillas y cambio escobillas.-
- 31-1-14: Armado Gen.Aux.-
- 31-1-15: Ensamble de carcaza turbina al G.A.-
- 31-1-16: Verificar aislación en general.-
- 31-1-17: Montar en loct.-
- 31-1-18: Con reloj comparador, alinear.-
- 31-1-19: Acoplar fuelles de ventilación.-
- 31-1-20: Colocar acople flexible e/cardan y auxiliar.-
- 31-1-21: Conectar eléctricamente.-
- 31-1-22: Colocar tapas post.e/M/D.y sala presurizada.-
- 31 - 2 : Bombas combustible y prelubricación.-
- 31-2-1 : Desconectar y desmontar bombas.-
- 31-2-2 : Desarmar bombas.-
- 31-2-3 : Lavar con solvente.-
- 31-2-4 : Controlar rodamientos y eje.-
- 31-2-5 : " bobinados de campos e inducidos.-
- 31-2-6 : Tornear colector, ranurar y biselar.-
- 31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.
- 31-2-8 : Armar y pintar bombas.-
- 31-2-9 : Controlar funcionamiento , aislación y caudal.-
- 31-2-10: Montar en locomotora.-
- 31-2-11: Conectar.-
- 31 - 3 : MOTORES DE ARRANQUE-
- 31-3-1 : Desconectar y desmontar.-
- 31-3-2 : Desarmar y lavar.-
- 31-3-3 : Control de aislación e/campo y masa de carcaza.-
- 31-3-4 : Controlar eje estriado.-
- 31-3-5 : " eléctricamente inducido y campos.-
- 31-3-6 : Cambio de bujes y control Bendix.-
- 31-3-7 : Controlar placa conjunto portaescobillas.-
- 31-3-8 : Tornear, ranurar, biselar colector.-
- 31-3-9 : Cambio de escobillas.-
- 31-3-10: Armar, controlar funcionamiento y aislación.-
- 31-3-11: Montar y conectar.-

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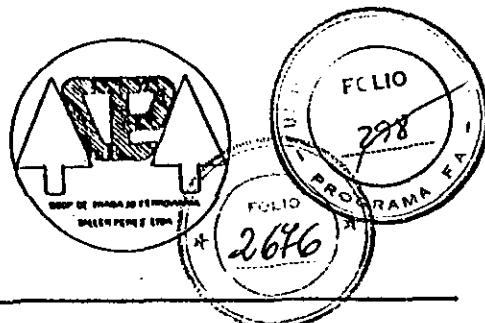
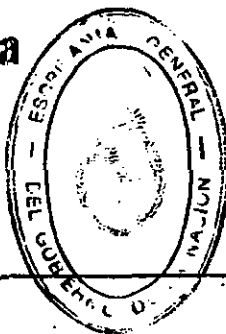
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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Tornear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en loct.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6 : B A T E R I A S.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y conexión.-

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

31 - 8 : MOTOR DE TRACCION:

- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa o métodos adecuados a c/caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.-
- 31-8-6 : Controlar bandas.-

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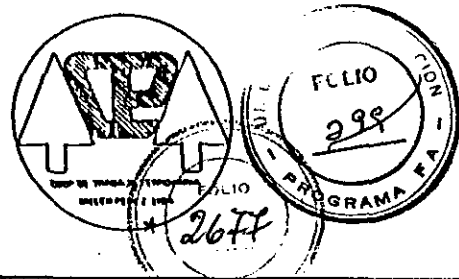
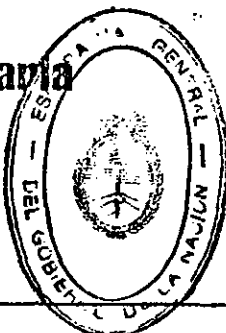
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ANEXO

Proviene de Motor de Tracción/

- 31-8-7 :Controlar ovalización del colector.-
- 31-8-8 :Tornear, biselar y ranurar inducido.-
- 31-8-9 :Controlar dimensiones en carcasa, escudos, tapas.-
- 31-8-10:Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11:Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12:Rearmado completo, colocación de escobillas nuevas

- 31-8-13:Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14:Ensayo de aislación y rigidez dieléctrica.-.
- 31-8-15:Pintado y acondicionamiento de la unidad para su montaje.-

31 - 9 :MOTOR SOPLADOR DE FILTROS INERCIALES:

- 31-9-1 :Inspecc. visual de funcionamiento y control de rodamiento.-
- 31-9-2 :Ensayo de aislación.-

31 - 10:ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:

- 31-10-1:Inspecc. visual de funcionam. y conecciones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
- 31-10-2:Inspección visual de funcionamiento y conecciones de todos los relevadores en gral.-
- 31-10-3:Inspecc. visual de funcionam. y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
- 31-10-4:Inspección visual de todas las resistencias y reostatos.-
- 31-10-5:Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadoras, etc.)
- 31-10-6:Inspecc. visual de coneccionado panel RCF, SBP. y TRF. panel sensor y de patinaje WSC).- D
- 31-10-7:Desconectar y desmontar reg. carga de batería.-
- 31-10-7-1:Control de ajuste en banco de prueba.-
- 31-10-7-2:Montaje y conexión sobre locomotora.-

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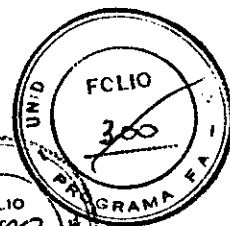
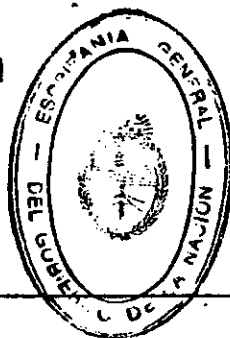
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31 - 11 - REGULADOR DE CARGA L.R.;

31-11-1 : Inspecc. de funcionam. superf. de contacto,
valor ohms, escobillas y conexiones.-

ANEXO

31 - 12 : ALTERNADOR ARIO - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext. rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext. rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob. en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - : BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-



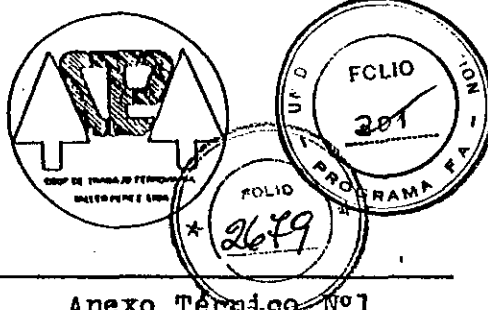
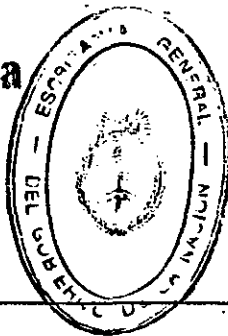
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ANEXO

Proviene de Bogies/

- 33 - 2 :Control estanqueidad y funcionamiento del equipo de freno en bogie.Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 :Desmontaje timonería de freno y ejes.-
- 33 - 4 :Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 :Cajas punta de eje:revisión y engrase total,desmontaje,control y montaje de rodamientos.-
- 33 - 6 :Reemplazo de colizas del pedestal.-
- 33 - 7 :Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descritas por el fabric.serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 :Controlar suspensión de nariz de Mot.de Tracc: controlar estado de los topes en el bogie(en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 :Controlar el bastidor y viga "Bolster" con tintas penetrantes,soldaduras,de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long.los trabajos se considerarán eventuales.-
- 33 - 10 :Controlar posibles desgastes en el pendular de suspensión,fijación al bastidor,apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm.se normalizarán p/soldadura.(de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos,las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 :Control de jgos.de palancas,colizad.,pernos correderas regulad. de freno,portazapatas,etc.--Encasquillado de la timonería de freno con total reemplazo de bujes,pernos,chavetas.-
- 33 - 12:Control de amortiguadores-Reemplazo de bujes de goma.-

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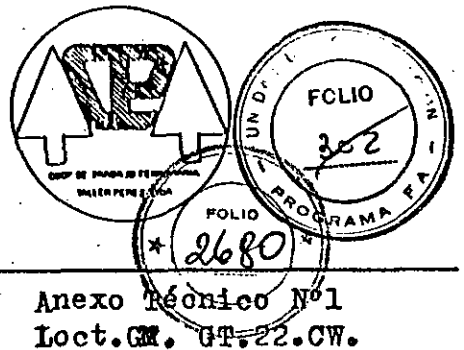
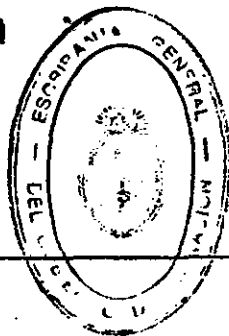
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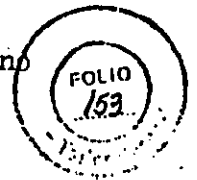
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ANEXO

- 33 - 13: Limpieza y control dimensional de cajas cubre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33. - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador. Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-acople del cardan al M/D. y alineación

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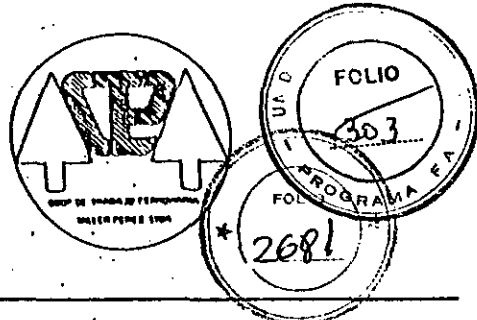
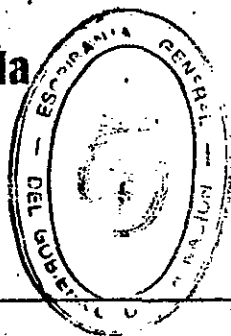
- 12 -



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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

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ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conecc. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-

- 36 - : PUESTA EN MARCHA.-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loct.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

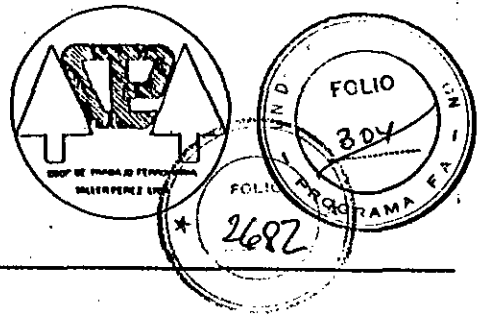
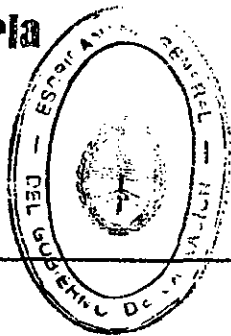
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ANEXO TECNICO N°2

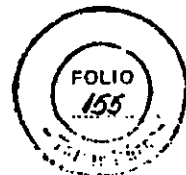
ANEXO

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerce. capuchón	12N°.-	8,33
.0129.0/	Elemento de filtro.-	24N°.-	34,56
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42
9006667000.0/	" retén de aceite.-	1N°.-	5,90
9006664000.0/	Guarnición.-	1N°.-	0,81
9006747000.0/	" anular.-	1N°.-	0,65
9006722000.0/	Guarnición.-	1N°.-	4,15
9006407000.0/	" de la tapa.-	1N°.-	12,32
9006587000.0/	Diafragma.-	1N°.-	10,89
9002817000.0/	Aro.-	2N°.-	0,99
9006618000.0/	"	1N°.-	0,55
9002793000.0/	"	4N°.-	2,20
9131505000.0/	Sello.-	1N°.-	9,50
8.888.90.1.989.0/	"	1N°.-	1,81
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02
.0403.0/	Sello de aceite.-	1N°.-	14,29
9006599000.0/	Guarnición.-	1N°.-	2,03
0.08.3.09.1229.0/	"	1N°.-	1,16
9006713000.0/	"	1N°.-	1,77
9006704000.0/	Sello anular.-	1N°.-	5,32
9006688000.0/	" "	1N°.-	4,36
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84
.0629.0/	Junta para lubricación.-	24N°.-	2,83
9131487000.0/	Elemento filtrante.-	7N°.-	270,62
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89
.0711.0/	Filtro blindado.-	2N°.-	29,82
.1443.0/	Sello.-	1N°.-	39,19
.0645.0/	Junta de vaso.-	2N°.-	0,87
.0735.0/	Aro "0".-	2N°.-	0,85
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93
.08.0151.0/	Jgo. juntas bomba agua.-	1N°.-	8,76
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54
9131197000.0/	Junta.-	2N°.-	11,16
9062580000.0/	"	2N°.-	3,20
9131171000.0/	Junta para codo.-	2N°.-	14,96
9131540000.0/	Junta para brida.-	2N°.-	3,19
9062880000.0/	" " "	2N°.-	6,16
9131197000.0/	Junta.-	1N°.-	2,79
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64
.1163.0/	" " " p/colador.-	1N°.-	24,37
.1409.0/	Filtro turbo grande.-	1N°.-	25,77

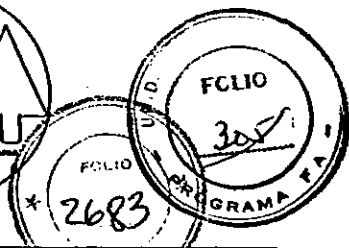
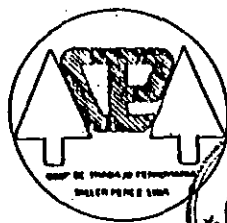
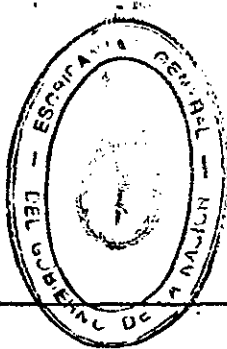
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Anexo Técnico N°2
Mat. Neo. Rep. Básica
Equiv. N° 3°.-

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ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo. de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	1 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo. reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " A 1.-	1 N°.-	12.-
9019881000.0/	" " H B 5.-	1 N°.-	27,50
9008797000.0/	" " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " válv. N° 8.-	1 N°.-	8.-
1424.0/	" " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "O".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " "O".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	" "	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "O".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " "	1 N°.-	0,23
2601.0/	Aro "O" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "O".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "O".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "O".-	1 N°.-	0,82
2316.0/	Junta.-	1 N°.-	15,53
2317.0/	" "	1 N°.-	0,54
3647.0/	Anillo de goma.-	1 N°.-	0,82
3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo. juntas e/cab. y cilindro.-	12 N°.-	577,83
03.0362.0/	Jgo. de aros STD.-	12 N°.-	2.711,76
08.0051.0/	Jgo. de sello.-	2 N°.-	274,80
0151.0/	Juego de juntas.-	2 N°.-	16,91
5.01.0541.0/	Perno pistón B/P. y vacío.-	5 N°.-	207,98
0525.0/	Junta.-	1 N°.-	10,56
0545.0/	Perno pistón A/P.	1 N°.-	50,46
0703.0/	Buje.-	5 N°.-	85,48
0715.0/	Cojinete de biela.-	12 N°.-	262,69
0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
0397.0/	Juego aros B/P.	2 N°.-	137,18
0423.0/	" TRAINMENT	1 N°.	34,58

-2/3-

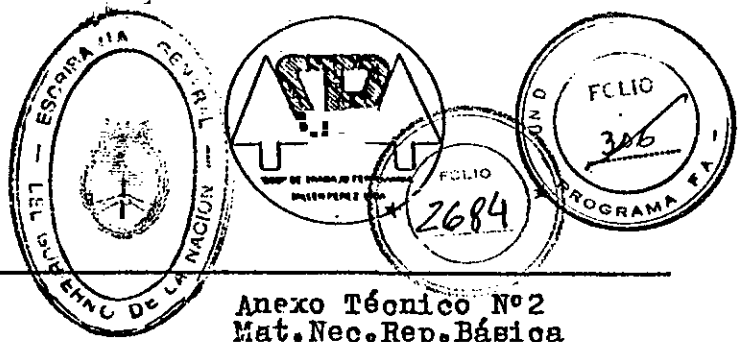
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LINA EXPRESA

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Equiv. N° 30.-

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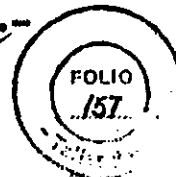
ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO	TOTAL
0.08.5.01.0487.0/	Juntas.-	2 N°.-	6,30	
.0489.0/	"	2 N°.-	3,74	
.0535.0/	"	2 N°.-	30,38	
.0531.0/	"	1 N°.-	14,59	
9061512000.0/	Juntas tapa lateral.-	2 N°.-	7,43	
9061522000.0/	Junta.-	10 N°.-	21,45	
9061529000.0/	"	2 N°.-	2,23	
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 N°.-	4,95	
9061521000.0/	Junta.-	3 N°.-	2,34	
0.08.5.01.0065.0/	Retén.-	2 N°.-	22,05	
9131019000.0/	Silemblock.-	20 N°.-	281,10	
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 N°.-	297,36	
.0173.0/	" p/sello.-	24 N°.-	1.167,44	
.0175.0/	Sello retén.-	24 N°.-	133,81	
9130436000.0/	Buje.-	10 N°.-	43,62	
9064002000.0/	"	15 N°.-	103,95	
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 N°.-	209,20	
.0921.0/	Buje.-	4 N°.-	20,61	
.0923.0/	"	12 N°.-	79,23	
.0927.0/	"	4 N°.-	17,83	
.0931.0/	"	4 N°.-	17,91	
.0935.0/	Perno.-	8 N°.-	194,73	
.0973.0/	Perno c/ rosca hembra.-	8 N°.-	135,92	
.0975.0/	" " " "	8 N°.-	135,92	
.1017.0/	Perno.-	2 N°.-	50,97	
.1019.0/	"	2 N°.-	52,41	
9000362000.0/	Zapata fundida.-	12 N°.-	256,30	
0.08.1.01.1211.0/	Buje.-	24 N°.-	138,57	
.1213.0/	"	32 N°.-	159,94	
.1217.0/	Perno p/traba.-	8 N°.-	421,47	
.1265.0/	Perno.-	16 N°.-	359,91	
.1291.0/	"	4 N°.-	133.-	
.1295.0/	Perno.-	2 N°.-	40,87	
.1317.0/	"	16 N°.-	294,42	
.1411.0/	Guardapolvo.-	6 N°.-	96,94	
.1413.0/	Abrazadera p/guardapolvo.-	6 N°.-	21,85	
.1497.0/	Sello fieltro.-	24 N°.-	67,20	
.1508.0/	" protector.-	6 N°.-	192.-	
.1509.0/	Retén.-	6 N°.-	153,57	
.1517.0/	" de sello.-	6 N°.-	170,50	
9006247000.0/	Empaquetadura taza p/pistón.-	3 N°.-	144,64	
9019989000.0/	Conjunto guía pedestal.-	24 N°.-	2.592,33	
0.08.7.01.1345.0/	Escobilla AR.10.-	4 N°.-	45,13	
.1351.0/	" D.14.-	4 N°.-	29,34	
9131615000.0/	" E.44.-	8 N°.-	78,29	
0.08.7.21.0041.0/	Buje l/ colector.-	2 N°.-	5,89	
9131694000.0/	Buje p/ carcasa guía.-	2 N°.-	2,67	
9131695000.0/	" " " espaciadora.-	2 N°.-	4,18	
0.08.7.21.0091.0/	Escobilla c/terminal.-	24 N°.-	71,29	

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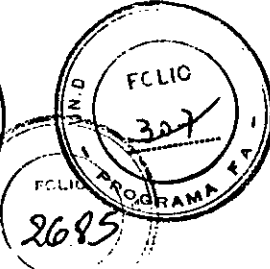
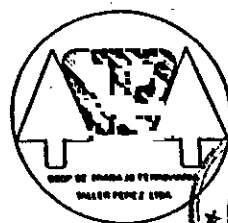
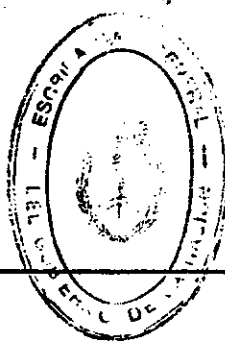


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Anexo Técnico N°2
Mat.Nec.Rep.Básica
Num.3°.-

ANEXO

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	Escobilla.-	4N°.-	15,61
.08.0389.0/	" DE.7	48N°.-	743,40
8.343.03.1.555.0/	Esmalte sintético negro.-	28 Lts.	180,60
.105.0/	" " verde.-	35 Lts.	211,75
.220.0/	" " amarillo.-	12Lts.	108,24
.110.0/	" " rojo.-	12 Lts.	91,44
.115.0/	" " Rojo.-	6 Lts.-	59,46
.999.9/	" " Blanco.-	1 Lt.-	8,46
8.349.10.2.050.0/	Thinner.-	40 Lts.	43,20
8.233.71.3.010.0/	Masilla plástica.-	4Kgs.-	15,40
8.229.54.4.005.0/	Lija al agua.-	20 N°.-	10,80
8.593.99.9.999.0/	Cinta de enmascarar.-	2 N°.-	4,08
8.245.53.4.020.0/	Jabón en polvo.-	2 Kgs.-	3,32
8.247.01.1.001.0/	Estopa.-	12	30,36
.50.1.001.0/	Trapo blanco.-	10 Kgs.-	33,20
8.349.05.1.030.0/	Líquido p/limpieza.-	600Lts.-	378.-
8.397.10.1.130.0/	Aceite turbina YPF.68.-	60Lts.-	111,51
.38.1.115.0/	" YPF.397.-	760Lts.-	1.763,20
.10.1.150.0/	" " 78.-	3 Lts.	7,08
.66.1.100.0/	Grasa.-YPF.96.-	30Kgs.-	21,60
.63.1.114.0/	" " 63.-	15Kgs.-	39,60
.118.0/	" Shell Ciprina.-	1 Kg.-	5,32
8.245.20.8.020.0/	Barniz Cliptal.-	4 Lts.-	29,40
8.260.19.5.070.0/	Soda Cáustica.-	10Kgs.-	13,90
8.390.05.1.018.0/	Gas-Oil.-	1500Lts.	525.-
8.395.10.2.045.0/	Gas envasad .-	45 Kgs.	44,60
8.260.03.1.020.0/	Acido muriático.-	2 Lts.	2.-
8.233.26.3.010.0/	Silastic.-	1 Kg.	28,58
8.500.01.1.050.0/	Estaño al 50%.-	1 Kg.	23,60
8.395.15.2.006.0/	Acetileno.-	6 Kgs.	66,84
.30.2.006.0/	Oxígeno.-	6 m3.-	15,54
8.081.01.1.016.0/	Alambre cincado.-	3 Kgs.-	6,57
8.575.13.3.019.0/	Fieltro en plancha 3/4".-	3 Kgs.-	23,79

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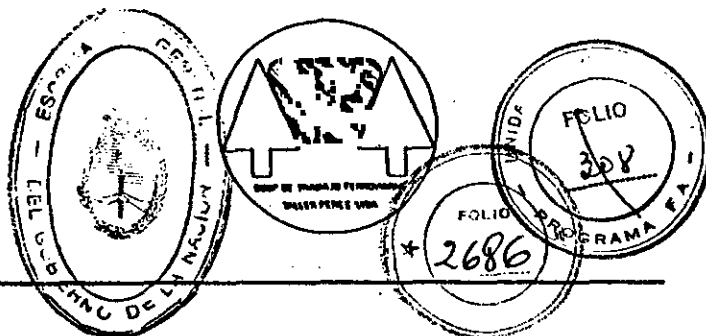
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- ANEXO TECNICO N° 3 -

ANEXO

TAREAS ADICIONALES - LOCT.G.M. GT.22 O.W. N°9040

- | I - | - PARTE MECANICA - | <u>CANTIDAD
A REPARAR</u> |
|---------|---|-------------------------------|
| 1) - | <u>Motor Diesel:</u> | |
| 1 - 1: | <u>Desmontaje(M/D.)</u> | |
| 1-1-1 : | Desmontar caños drenaje agua M/D. | |
| 1-1-2 : | " " " de cámara admisión.- | |
| 1-1-3 : | " " alimentación a intercambiador de bomba succión aceite.- | |
| 1-1-4 : | Desmontar caños aliment.de intercamb.y tanque de agua a bomba.- | |
| 1-1-5 : | desmont. caños aliment.tambor filtro a caja de coladores.- | |
| 1-1-6 : | Desmont.caños aceite de Reg.M/D.a servo aleta.- | |
| 1-1-7 : | " " aliment.y drenaje a cab.vasos visores.- | |
| 1-1-8 : | Desmontaje bulones anclaje M/D.y guías.- | |
| 1-1-9 : | " soporte protectores de volante.- | |
| 1-1-10: | " " placa y volante G/P. | |
| 1-1-11: | " difusor y goma entrada aire turbo.- | |
| 1-1-12: | " caño salida de colect.central agua block | |
| 1-1-13: | " múltiple de escape.- | |
| 1-1-14: | " caño ventilac.aceite de intercambio a caja contrapesos arbol de levas.- | |
| 1-1-15: | Desmon-tar caño drenaje aceite M/D.- | |
| 1-1-16: | " cardan a compresor.- | |
| 1-1-17: | Limpia M/D.piezas y bastidor de loct.- | |
| 1 - 2 : | <u>Desarme completo-(M/D.)</u> | |
| 1-2-1 : | Desmontar ductos.- | |
| 1-2-2 : | " turbo.- | |
| 1-2-3 : | " toma de fuerza a G/Auxiliar.- | |
| 1-2-4 : | " volante M/ D. | |
| 1-2-5 : | " caja de engranajes.- | |
| 1-2-6 : | " engranajes intermedios.- | |
| 1-2-7 : | " " y contrapesos arbol de levas.- | |
| 1-2-8 : | " " cigüeñal.- | |
| 1-2-9 : | " conducto lubricación turbo.- | |
| 1-2-10: | " caja de coladores.- | |
| 1-2-11: | " bomba de succión de aceite.- | |
| 1-2-12: | " " ppal.de pres.aceite y enfriam.pistones.- | |
| 1-2-13: | " Codos salida de agua de bombas:- | |
| 1-2-14: | " Base toma de fuerza de regulad.M/D. | |
| 1-2-15: | " Tapa caja sist.de sobrerrevoluciones.- | |

TRAINMET

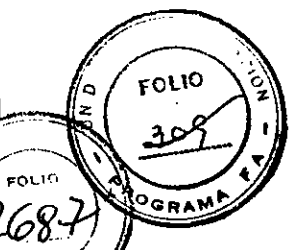
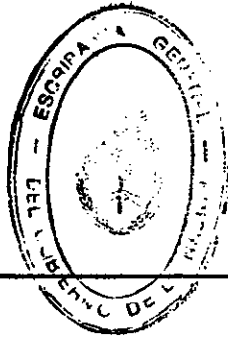
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Anexo Técnico N°3
Tareas Adicionales-Loct.
GM.GT.22.CW N° 9040.-

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CANTIDAD A REPARAR.-

ANEXO

- 1-2-16: Desmontar Cánulas.-
- 1-2-17: " sistemas de palancas de dispos .sobre-revoluciones.-
- 1-2-18: " contrapesos.-
- 1-2-19: " caja de dispositivo sobrevelocidad.-
- 1-2-20: " engranaje del impulsor del gobernador;
" bomba de agua,impulsor de aux.;impuls.
" bomba succión,impuls.bba.lubric.ppal.
" y enf.pistones.-
- 1-2-21: " amortiguador de vibraciones.-
- 1-2-22: " caja de engranajes.-
- 1-2-23: " caño aliment. a colector de comb.
- 1-2-24: " palancas,soportes y ejes comando crema-
lleras.-
- 1-2-25: " arbol de levas.-
- 1-2-26: " Eje comando leva sobrerevoluciones.-
- 1-2-27: " brida drenaje cámara de aire.-
- 1-2-28: " caja de balancines.-
- 1-2-29: " block de cárter.-
- 1-2-30: Limpieza total de todas las piezas.-

- 1 - 3 : Cigüeñal-(M/ D.)-
- 1-3-1 : Control de fisuras en Ma gnaflux.-
- 1-3-2 : " de muñones de bancada.-
- 1-3-3 : " de alineación.-
- 1-3-4 : Máquinado para adaptación de puntera post.izq.

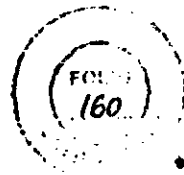
- 1 - 4 : Inyectores: 12
- 1-4-1 : Reemplazo de roscas averiadas.-
- 1-4-2 : " " elementos bombeantes.-
- 1-4-3 : " " toberas.-
- 1-4-4 : " " tuerca inyectora.-

- 1 - 5 : Balancines: 36
- 1-5-1 : Reemplazo de bujes.-
- 1 - 6 : Conjunto de Fuerza: 12
- 1-6-1 : Rectificado de camisas de cilindros.-

- 1 - 7 : Armado completo Motor Diesel:
- 1 - 8 : Montar M/D. en Loct.y acoplar:
- 1 - 9 : Alinear alternador:
- 1 - 10: Protector cardan compresor;G.Aux. y volante M/D.: 3
- 1-10-1: Fabricación y colocación.-

TRAINMET

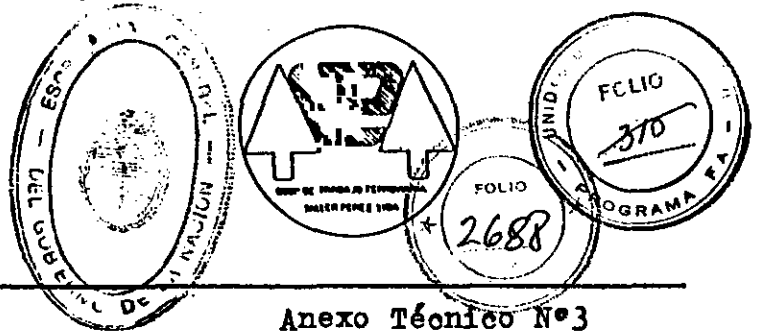
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Tareas Adicionales-Loct.
GM.GT.22.CW.N° 9040.-

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- 3 -

CANTIDAD A
REPARAR.-

1 - 11	: <u>Tubería y elementos del Sistema Neumático:</u>	
1-11-1	: Reemplazo de caños aire a motores L/V.	5
1-11-2	: " " mangas L/V.	2
1-11-3	: Colocación de tubos conectores p/medir presión inercial.-	3
1-11-4	: Colocación de válvulas diferencial Al.-	1
1-11-5	: " " filtro GD 80.-	2
1-11-6	: " " recuperador aceite compresor.-	1
1-11-7	: Reparación traba soporte manga A/C.	2
1-11-8	: Colocación caño aire arenero.-	2
1-11-9	: " manga aire a arenero.-	2

ANEXO

- 0 -

II - - PARTE ELECTRICA -

2) - : Circuito y equipo eléctrico:

2 - 1 : Motor de Tracción.-

2-1-1	: Rebobinado de armadura.-	6
2-1-2	: Recambio de colector.-	2
2-1-3	: " eje inducido.-	1
2-1-4	: Reemplazar caja soporte y alear alojamiento de cojinete.-	10
2-1-5	: Desmontaje, desarme y reparac. bob. de campo de conmutación y principales.-	12
2-1-6	: Cambiar aislación completa de los campos.-	8
2-1-7	: Reparar puntas y bobinas de campo.-	8

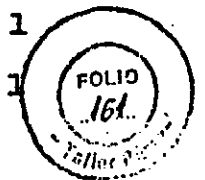
2 - 2 : Circuitos en general y Auxiliares:

2-2-1	: Desmontar faros cabecera, colocar burletes, montar y conectar unidad selladas.-	4
2-2-2	: Montar caja de llave, resistencia y motores descongeladores.-	6
2-2-3	: Montar y conectar calentador eléctrico.-	1
2-2-4	: Desmontar, reparar, montar y conectar amp. M/T.	1
2-2-5	: Montar equipo luz instrumento.-	4
2-2-6	: " instrumento velocímetro y motor velocím.	1 c/ u.
2-2-7	: " y conectar campana de alarma.-	1
2-2-8	: Desmontar, reparar, montar y conectar amp. c/bat.	1
2-2-9	: Montar y conectar interruptor compresor CCS.	1
2-2-10	: Recablear línea amphenol de reg. M/D., colocar manga flexible.-	1
2-2-11	: Montar barra omnibus negativa, conectar BTR.	1

y FTR.

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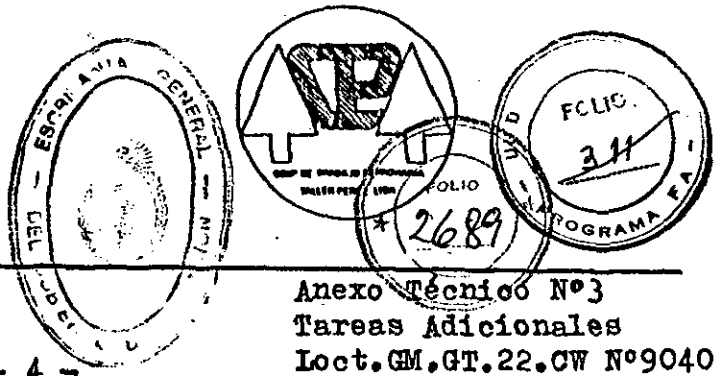
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Anexo Técnico N°3
Tareas Adicionales
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- 4 -

CANTIDAD A
REFARAR.-

ANEXO

	CANTIDAD A REFARAR.-
3) - : <u>Carrocería:</u>	
3 - 1: Reemplazo de vidrios numeración.-	4
3 - 2: " parabrisa fijo tras.	1
3 - 3: " espejos retrovisores.-	2
3 - 4: Reparación de asiento giratorio.-	2
3 - 5: " " respaldo asiento.-	2
3 - 6: Colocación asiento rebatible.-	1
3 - 7: " parasol.-	4
3 - 8: " canjeador y soporte.-	2
3 - 9: Reemplazo vidrio ventana deslizante.-	1
3 -10: Reparación puerta sala presur-izada.-	1
3 -11: Colocación tapa tanque combustible.-	1
3 -12: " escuadra areneros.-	2
3 -13: " soporte y guías mangas areneros.-	2
3 -14: Colocación traba puertas.-	2
3 -15: Reparación de nivel tanque combustible.-	1
3 -16: Reemplazo de conductos flexibles a M/T.	6

TRAINMET

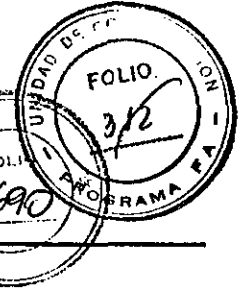
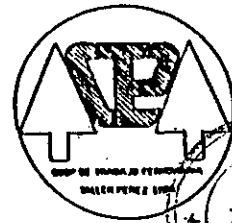
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PROGRAMA

ANEXO TECNICO N° 4

MATERIALES ADICIONALES LOCT.GM. G.T.22.C.W. N° 9040.-

ANEXO

N. U. M.	DESCRIPCION	CANT.	PRECIO \$
0.08.3.02.0113.0/	Cordón sello silic.e/block y cárter.-	2	33,34
.0133.0/	Aro "0"	2	4,06
.0139.0/	Junta P/caja.-	1	1,65
.0211.0/	" nylon del volante.-	1	1,10
.0217.0/	" tapa inspección.-	24	31,68
.0219.0/	" " "	24	27,17
.0277.0/	Retén extremo.-	8	14,70
.0281.0/	" de costado.-	8	15,20
.0285.0/	" " "	16	30,40
.03 13.0	Junta p/soporte.-	4	10,56
.0345.0/	Sello p/tapa.-	4	163,44
.0387.0/	Junta e/ block y bast.ext.	2	15,56
.0389.0/	" " " " " int.	2	14,46
.0629.0/	Junta paso aceite al balan-	24	2,40
.0630.0/	Sello de válvula prueba.-	1	1,12
9062123000.0/	Sello del codo salida agua	1	0,85
0.08.3.02.0632.0/	" " " " " "	2	1,96
.0633.0/	al monoblock.-	12	116,87
.0805.0/	Sello anillo de cierre.-	1	39,27
.0843.0/	Jgo.juntas p/aloe. imp. ar-	2	4,62
.0845.0/	bol levas.-	2	3,66
.0869.0/	Junta.-	1	4,13
.0891.0/	Junta e/ tapa y alojam.	2	3,35
9130433000.0/	Junta.-	2	0,44
0.08.3.02.0901.0/	Junta e / tapa y placa.-	1	0,42
.0904.0/	Junta.-	1	0,65
.0906.0/	Junta.-	1	0,99
.0933.0/	Junta.-	1	25,23
9131108000.0/	Sello.-	1	3,50
0.08.3.04.0397.0/	Junta p/imp.del regulad.	1	3,06
9131123000.0/	Aro "0".-	1	0,50
0.08.3.04.0769.0/	Junta de la tapa.-	1	1,52
.0787.0/	Junta p/impulsor.-	1	2,84
9062446000.0/	Sello aceite.-	1	1,57
9062447000.0/	Retén del sello.-	1	31,74
0.08.3.05.2019.0/	Juego juntas p/sobrealim.	1	174,13
9131311000.0/	Junta p/múltiple.-	6	31,98
9131171000.0/	Junta p/codo.-	1	7,48
0.08.3.05.2520.0/	Junta e/adaptad.y cámara pst	1	23,01
.2521.0/	Junta unión múltiple.-	5	96,85
.2523.0/	" " adaptador.-	1	25,97
9130377000.0/	Junta p/montaje bomba.-	2	3,85

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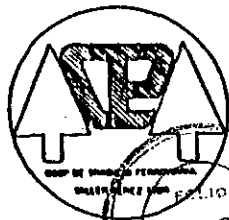
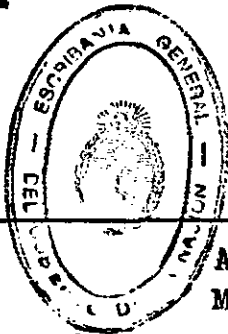
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2691 ANEXO

Anexo Técnico N°4

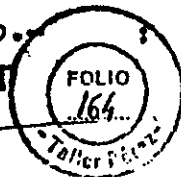
Mat. Adic. Loct. GM. GT. 22. OW
N°9040

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- 2 -

N.U.M.	DESCRIPCION	CANTI-DAD	PRECIO \$
9062663000.0/	Junta e/colador y tapa.-	1	2,91
9062665000.0/	Junta.-	2	0,84
9019623000.0/	Junta ent/ codoy bomba.-	2	0,80
0.08.3.07.0521.0/	Sello e/tapa y codo.-	1	1,65
0 545.0/	Junta e/tapa y codo.-	1	0,35
0.08.3.07.0564.0/	Junta.-	1	0,25
0569.0/	Sello e/codo y tapa impulsor	1	3,15
0577.0/	Junta " " " "	1	1,32
1163.0/	Jgo. juntas del colador.-	1	23,16
0.08.3.06.0147.0/	Jgo.reparac.inyector.es.-	12	914,28
04.0897.0/	Sobre eje.-	1	633,14
02.0655.0/	Buje balancín.-	36	265,99
9131019000.0/	Silemblock.-	8	112,46
9130841000.0/	Tubo de 1/ 4".-	4 Mts.	7,28
9131354000.0/	Conector 1/4".-	2	1,86
9130081000.0/	" "	10	8,66
9131372000.0/	Codo 90° NPT 1/4"	4	6,32
0.08.5.06.1258.0/	Unión NPT.1/4".-	2	1,45
9131221000.0/	Manga aire a motor L/V.-	2	10,50
0.08.8.02.0097.0/	Vidrio numeración.-	4	120,00
2.02.2351.0/	Parabrisa fijo trasero.-	1	30,00
9013001000.0/	Espejo retrovisor.-	2	346,90
0.08.2.02.2957.0/	Asiento giratorio.-	2	314,98
2997.0/	Respaldo asiento giratorio.-	2	115,72
9004771000.0/	Canjeador y soporte.-	2	240.-
0.08.2.02.3351.0/	Parasol rebatible.-	4	205,03
2043.0/	Vidrio ventana deslizante.-	1	30,00
6.02.0303.0/	Termómetro temp. agua.-	1	46,66
0.08.6.02.0103.0/	Manómetro presión aceite M/D.	1	96,77
2.02.1101.0/	Burlete puerta chica s/Presurizada.-	3Mts.	13,34
9064579000.0/	Conducto ventilac.flex(fuelle):	6	554,95
0.08.3.03.0413.0/	Pistón 030".-	12	9.370,32
1.01.2013.0/	Manga aliment.t/arena L/I.	2	3,14
2014.0	" " " L/D.	2	4,19
3.06.0827.0/	Tapa tanque combustible.-	2	517,72
8.01.0340.0/	Unión elástica p/bba.de agua	2	583,84
9003122000.0/	Recuperador aceite compresor	1	42,75
0.08.5.05.1303.0/	Válvula diferencial Al.-	1	258,35
9131824000.0/	Burlete de farolas.-	4N°	12,74
0.08.7.17.0009.0/	Descongeladores.-	6N°	228.-
9999.0/	Caja de llaves y resist.descongeladores.-	6N°	208,43
8.01.0795.0/	Calentador eléctrico.	1N°	16,06
0.08.8.03.0147.0/	Baterías.-	8N°	4.670.-
9131261000.0/	Equipo luz instrumento.-	4 N°	32,87
9019611000.0/	Generador de pulso.-	1 N°	2.230,20
9005731000.0/	Campana de alarma.-	1 N°	85,81
9019524000.0/	Instrumento velocímetro.-	1 N°	9.366,84

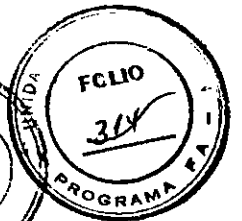
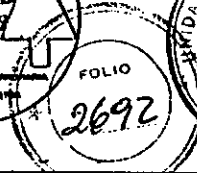
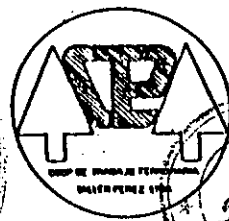
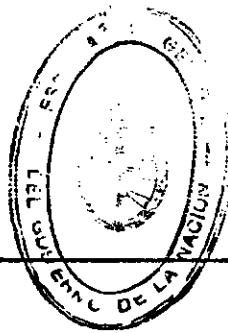
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Anexo Técnico N°4
Mat. Adicion. Loct. GM.
G.T. 22.C.W. N°

ANEXO

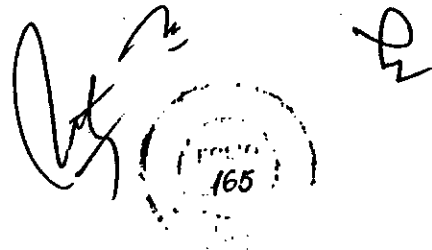
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- 3 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$
H. 9019596000.0/	Motor.-	1 N°	371,70
0.08.8.05.0251.0/	Manga conec.eléct.gobernad.	1 N°	118,50
8.530.50.3.050.0/	Cable s-iliconado lmm.	60mts.	6,60
0.08.6.02.0013.0/	Amperímetro M/tracción.-	1 N°	83,70
.6.09.1195.0/	Barra colector de cobre.-	1 N°	117,40
9131283000.0/	BTR. FTR.-	2 N°	4.324,11
0.08.6.03.0455.0/	Presiostato CCS.	1 N°	280,76
.7.08.0601.0/	Juego de rebobinado.-	6 N°	43.200,00
.1127.0/	Piñón.-	3 N°	4.963,37
.0795.0/	Colector.-	2 N°	21.120,36
.0799.0/	Eje inducido.-	1 N°	2.280,32
.0039.0/	Tapa soporte coj.L/Piñón.-	5 N°	10.779,73
.0063.0/	" " " L/colector.-	5 N°	9.190,15
8.397.63.1.180.0/	Grasa Shell cáprina.-	5,40Kg	28,73
8.561.40.1.060.0/	Mylar O,35mm.-	0,90Kgs.	8,48
.54.1.063.0/	Cinta hilado vidrio.-	1,50mts.	93,00
8.655.22.1.4501.0/	Rodamiento L/Piñón.-	5 N°	6.255.-
.23.1.452.0/	" L/Colector.-	4 N°	3.800.-
8.245.22.3.050.0/	Barniz Dolphs.-	60Lts.	462,60
8.561.65.3.020.0/	Cordón trenzado.-	120mts.	192,00
8.501.30.1.011.0/	Plata p/soldar.-	0,15Kg	13,01
8.500.01.1.050.0/	Estafío 50%.-	3 Kgs.	70,80
8.260.37.1.035.0/	Acelerador.-	0,15Lts.	2,21
.040.0/	Catalizador.-	0,75Lts.	8,36
.010.0/	Resina poliéster.-	15Lts.	56,55
0.08.7.08.107.0/	Flaca de desgaste sup.	4 N°	116,61
0.08.7.08.109.0/	" " " inf.	3 N°	32,45
8.502.01.1.025.0/	Electrodo.-	3Kgs.	11,91
.2.004.0/	"	0,50Kgs.	2,03
H. 9063904000.0/	Fusible 150 A.-	1N°	8,50
0.08.6.09.6039.0/	" 800 A.	1N°	18,30
9063902000.0/	" 70 A.-	1N°	2,70
0.08.6.09.6035.0/	" 60 A.-	1N°	2,48
.7.08.0741.0/	Grampa colgante.-	2N°	30,33
H. 9130855000.0/	Tomacorriente.-	1	80,64
0.08.8.02.0605.0/	Receptáculo.-	1	26,68
9130844000.0/	Vidrio receptáculo.-	1	8,52
9130867000.0/	Protector alambre.-	1	33,17
0.08.7.21.0301.0/	Tapa motor arranque.-	1	98,93
8.532.85.7.050.0/	Unidad sellada.-	3	220,50
0.08.3.06.0049.0/	Embolo completo.-	12	1.626,18

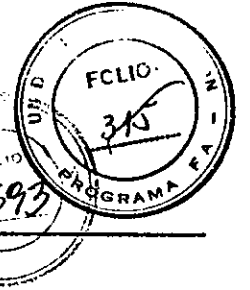
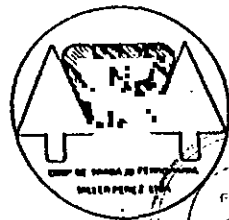
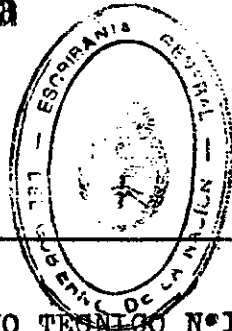
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ANEXO TECNICO N°1

ANEXO

LOCOMOTORAS GENERAL MOTORS G.T.22.C.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies y sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyectores, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Pre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardan de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a o/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañería, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de alta y baja en sala de máquinas y Bastidor.-

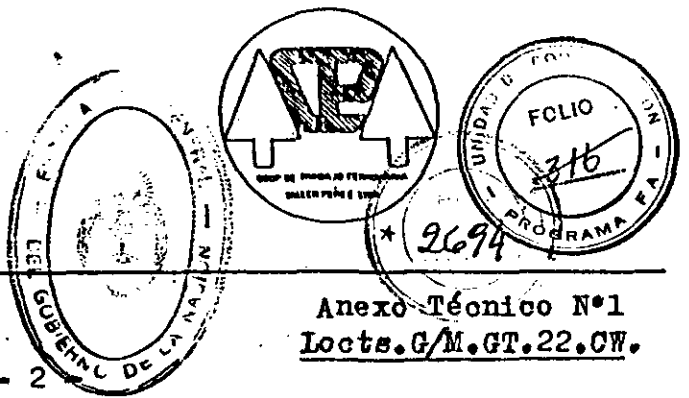
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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

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ANEXO

9 - MOTOR DIESEL:

- 9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-
- 9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

- 9-3-1: Desarmar y limpiar inyectores.-
- 9-3-2: Inspeccionar elementos bombeantes.-
- 9-3-3: Rectificar aguja y asentar a tobera.-
- 9-3-4: Controlar funcionamiento cremalleras.-
- 9-3-5: Reemplazar elementos filtrantes y juntas.-
- 9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCOINES:

- 9-4-1: Desarmar y limpiar.-
- 9-4-2: Controlar bujes, pernos y caños lubricación.-
- 9-4-3: Armar.-

9 - 5: PUNTES DE VALVULAS:

- 9-5-1: Desarmar y limpiar.-
- 9-5-2: Inspeccionar elementos.-
- 9-5-3: Armar botadores y controlar en banco de pruebas.-
- 9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

- 9-6-1: Limpiar y controlar.-
- 9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

- 9-7-1: Limpiar.-
- 9-7-2: Asentar aguja.-
- 9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

- 9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

- 9-9-1: Desmontar culata de cilindro.-
- 9-9-2: " biela y pistón.-
- 9-9-3: Limpiar y descarbonizar.-
- 9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-
- 9-9-5: " alineación de bielas.-
- 9-9-6: " dimensional de canasta de biela, cilindro y pistón.-
- 9-9-7: Bruffir cilindros.-
- 9-9-8: Desarmar cabezas de cilindros.-
- 9-9-9: Descarbonizar y lavar.-

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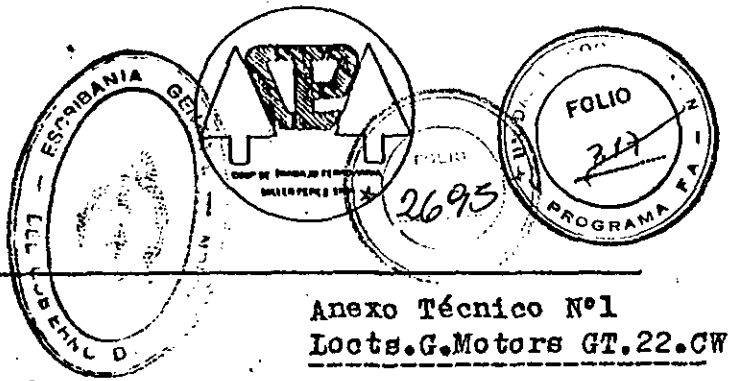
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Proviene de Con.de Fuerza/

ANEXO

- 9-9-10 :Controlar huelgo e/válv.y guías.-
- 9-9-11 :Rectificar válv.y asientos.-
- 9-9-12 :Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 :Efectuar prueba hidráulica.-

9 - 10 :REGULADOR M/D.-:

- 9-10-1 Desarmar y limpiar.-
- 9-10-2: Inspeccionar elementos.-
- 9-10-3: Reemplazar diafragmas y juntas.-
- 9-10-4: Armar y controlar en banco de pruebas.-

9 - 11 :BOMBA DE AGUA:

- 9-11-1 :Desarmar y limpiar.-
- 9-11-2 :Inspeccionar elementos.-
- 9-11-3 :Cambiar sello.-
- 9-11-4 :Armar y probar caudal.-

9 - 12 :GARGANTA DE TURBO:

- 9-12-1 :Descarbonizar y limpiar.-
- 9-12-2 :Inspeccionar en Magnaflux.-

9 - 13: DETECTOR DE P/POSITIVA Y B/P.ACEITE:

- 9-13-1 :Desarmar y limpiar.-
- 9-13-2 :Inspeccionar elementos.-
- 9-13-3 :Reemplazar diafragmas y juntas.-
- 9-13-4 :Armar y controlar en banco de pruebas.-

9 - 14 :INSPECTOSTAIO:

- 9-14-1 :Desarmar y limpiar.-
- 9-14-2 :Inspeccionar elementos.-
- 9-14-3 :Armar y ensayar en banco de pruebas.-

9 - 15 :VALVULA ALIVIO P/ACEITE:

- 9-15-1 :Desarmar y limpiar.-
- 9-15-2 :Inspeccionar elementos.-
- 9-15-3 :Armar, calibrar y controlar funcionamiento

9 - 16 :VALVULA 10 Y 60 LBS.:

- 9-16-1 :Desarmar y limpiar.-
- 9-16-2 :Controlar elementos.-
- 9-16-3 :Armar y efectuar prueba.-

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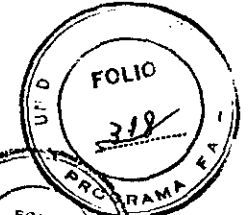
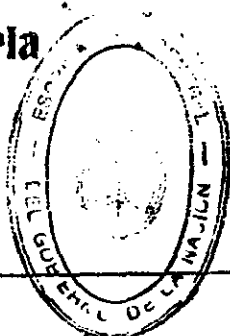
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ANEXO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.-
- 9-17-2: Efectuar prueba neumática.-
- 9-17-3: Acondicionar vidrios niveles.-
- 9-17-4: Pintar.-

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.-
- 10 - 2: Desarme integral del compresor.-
- 10 - 3: Limpieza de todos sus componentes.-
- 10 - 4: Desmontar rodamientos.-
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.-
- 10 - 6: Rectificado de cigüeñal.-
- 10 - 7: " " cilindros.-
- 10 - 8: Control alineación de bielas.-
- 10 - 9: Inspección de rodamientos.-
- 10 - 10: Reparación integral bomba de aceite.-
- 10 - 11: Desarme y rep. válv. admisión y escape.-
- 10 - 12: " y limpieza y reparac. del radiad. compresor.-
- 10 - 13: Reemplazo de juntas, retenes, etc.-
- 10 - 14: Armado.-
- 10 - 15: Ensayo en banco de pruebas.-
- 10 - 16: Pintura.-

11 - : CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.-
- 11 - 2: Controlar alineación y balanceo.-

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.-
- 12 - 2: Inspeccionar elementos.-
- 12 - 3: Cambiar aros "O", juntas y diafragmas.-
- 12 - 4: Armar y probar.-

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.-
- 13 - 2: Probar funcionamiento.-

14 - DEPOSITOS AIRE:

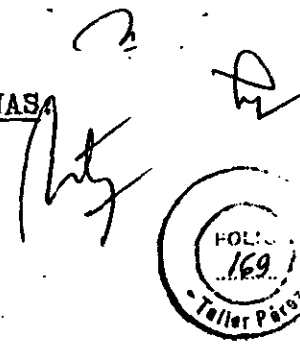
- 14 - 1: Limpiar y efectuar prueba neumática.-

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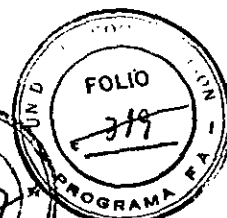
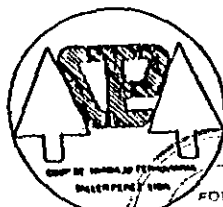
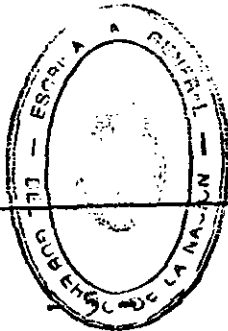
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15 - REJILLA RADIADORES:

15 - 1: Limpiar e inspeccionar.-

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17 - 1: Desarmar y limpiar.-

17 - 2: Baquetear.-

17 - 3: Realizar prueba hidráulica.-

17 - 4: Inspeccionar.-

17 - 5: Armar, y realizar prueba hidráulica.-

17 - 6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18 - 1: Desarmar y limpiar.-

18 - 2: Inspeccionar.-

18 - 3: Armar y realizar prueba hidráulica.-

19 - POST-ENFRIADOR:

19 - 1: Desarmar y limpiar.-

19 - 2: Inspeccionar.-

19 - 3: Armar y realizar prueba hidráulica.-

20 - REJILLAS^Y PROTECTORES:

20 - 1: Limpiar e inspeccionar.-

20 - 2: Reparar.-

21 - FILTROS INERCIALES:

21 - 1: Limpiar e inspeccionar.-

21 - 2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22 - 1: Desarmar y limpiar filtros caja de coladores.-

22 - 2: Cambiar filtros de tambor, pre-lubricación y turbo.-

22 - 3: " juntas.-

23 - CABEZA FILTRO TURBO:

23 - 1: Desarmar y limpiar.-

23 - 2: Inspeccionar elementos.-

23 - 3: Armar y probar.-

24 - CABEZA VASOS VISORES:

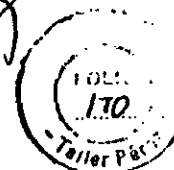
24 - 1: Desarmar y limpiar.-

24 - 2: Armar.-

ANEXO

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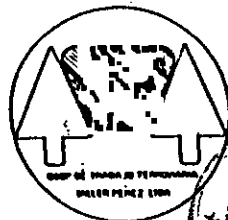
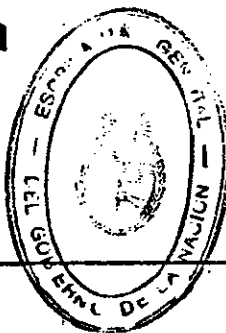
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25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

ANEXO

26 - GANCHOS CENTRALES:

- 26 -1: Desarmar ganchos.-
- 26 -2: Limpiar y arenar ganchos.-
- 26 -3: Inspeccionar fisuras y rosca.-
- 26 -4: Rellenado y normalizado.-
- 26 -5: Maquinado.-
- 26 -6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc.de rosca, chavetas y fisuras.-
- 27 - 3: Reparac.y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLFES:

- 28 -1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATOS:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 -1: Desarmar, limpiar y armar.-
- 30 -2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D.y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/oardan y Gen.Auxiliar.-
- 31-1-4: Descnec. Gen.Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen.Aux.
- 31-1-6: Controlar alabes de turbina sopladora

FRANCO

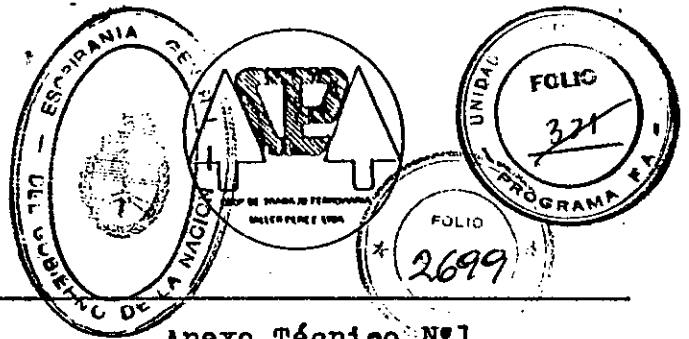
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Proviene de Gen.Auxiliar(Parte Eléct.)

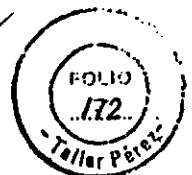
ANEXO

- 31-1-7: Controlar balanceado turbina.-
- 31-1-8: " bases de Gen.Aux.(Agujeros bases sujeción M/D.Motor eléct.carcaza)
Controlar manchón de acople.-
- 31-1-9 : Desarmar y lavar gen.auxiliar.-
- 31-1-10: Controlar eléctricamente carcaza e inducido.-
- 31-1-11: Revisión de rodamientos(cambio de grasa).-
- 31-1-12: Tornear, ranurar y biselar colector.-
- 31-1-13: Normalizar portaescobillas y cambio escobillas.-
- 31-1-14: Armado Gen.Aux.-
- 31-1-15: Ensamble de carcaza turbina al G.A.-
- 31-1-16: Verificar aislación en general.-
- 31-1-17: Montar en loct.
- 31-1-18: Con reloj comparador, alinear.-
- 31-1-19: Acoplar fuelles de ventilación.-
- 31-1-20: Colocar acople flexible e/cardan y auxiliar.-
- 31-1-21: Conectar eléctricamente.-
- 31-1-22: Colocar tapas post.e/M/D.y sala presurizada.-
- 31 - 2 : Bombas combustible y prelubricación.-
- 31-2-1 : Desconectar y desmontar bombas.-
- 31-2-2 : Desarmar bombas.-
- 31-2-3 : Lavar con solvente.-
- 31-2-4 : Controlar rodamientos y eje.-
- 31-2-5 : " bobinados de campos e inducidos.-
- 31-2-6 : Tornear colector, ranurar y biselar.-
- 31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.
- 31-2-8 : Armar y pintar bombas.-
- 31-2-9 : Controlar funcionamiento , aislación y caudal.-
- 31-2-10: Montar en locomotora.-
- 31-2-11: Conectar.-
- 31 - 3 : MOTORES DE ARRANQUE-
- 31-3-1 : Desconectar y desmontar.-
- 31-3-2 : Desarmar y lavar.-
- 31-3-3 : Control de aislación e/campo y masa de carcaza.-
- 31-3-4 : Controlar eje estriado.-
- 31-3-5 : " eléctricamente inducido y campos.-
- 31-3-6 : Cambio de bujes y control Bendix.-
- 31-3-7 : Controlar placa conjunto portaescobillas.-
- 31-3-8 : Tornear, ranurar, biselar colector.-
- 31-3-9 : Cambio de escobillas.-
- 31-3-10: Armar, controlar funcionamiento y aislación.-
- 31-3-11: Montar y conectar.-

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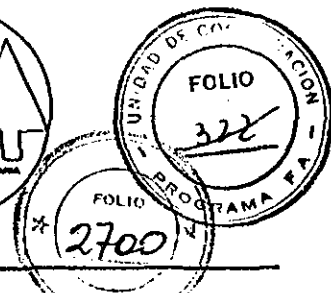
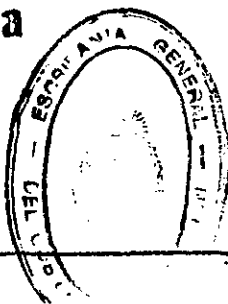
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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar.-
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Tornear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en loct.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6 : BATERIAS.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y conexión.-

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

31 - 8 : MOTOR DE TRACCION:

- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos, conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa c/métodos adecuados a c/caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.-
- 31-8-6 : Controlar bandas.-

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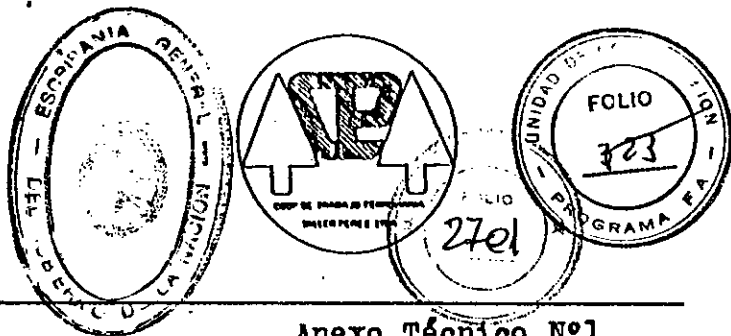
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ANEXO

Proviene de Motor de Tracción/

- 31-8-7 : Controlar ovalización del colector.-
- 31-8-8 : Tornear, biselar y ranurar inducido.-
- 31-8-9 : Controlar dimensiones en carcasa, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12: Rearmado completo, colocación de escobillas nuevas

- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

31 - 9 : MOTOR SOPLADOR DE FILTROS INERCIALES:

- 31-9-1 : Inspecc. visual de funcionamiento y control de rodamiento.-
- 31-9-2 : Ensayo de aislación.-

31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:

- 31-10-1: Inspecc. visual de funcionam. y conecciones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
- 31-10-2: Inspección visual de funcionamiento y conecciones de todos los relevadores en gral.-
- 31-10-3: Inspecc. visual de y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
- 31-10-4: Inspección visual de todas las resistencias y reostatos.-
- 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadores, etc.)
- 31-10-6: Inspecc. visual de coneccionado panel RCF, SBP. y TRP. panel sensor y de patinaje WSC).-
- 31-10-7: Desconectar y desmontar reg. carga de batería.-
- 31-10-7-1: Control de ajuste en banco de prueba.-
- 31-10-7-2: Montaje y conexión sobre locomotora.-

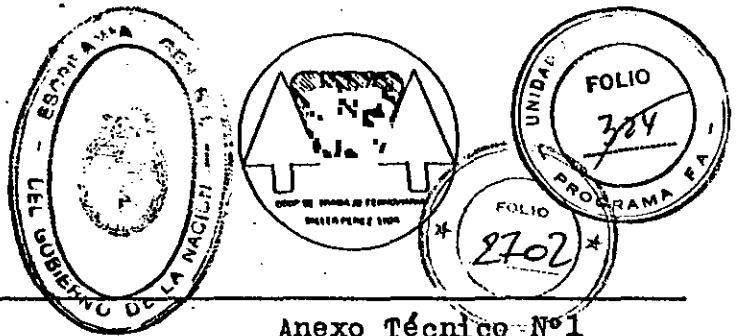
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31 - 11 - REGULADOR DE CARGA L.R.;

31-11-1 : Inspecc.de funcionam.superf.de contacto,
valor ohms,escobillas y conexiones.-

ANEXO

31 - 12 : ALTERNADOR ARLO - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext.rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext.rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob.en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-



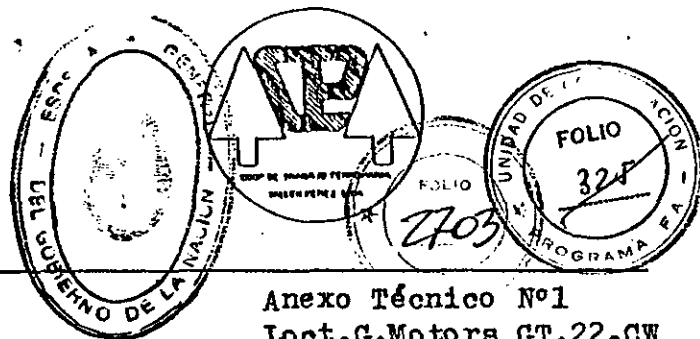
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Anexo Técnico N°1
Loct.G.Motors GT.22.CW

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- 11 -

Proviene de Bogies/

ANEXO

- 33 - 2 : Control estanqueidad y funcionamiento del equipo de freno en bogie. Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 : Desmontaje timonería de freno y ejes.-
- 33 - 4 : Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 : Cajas punta de eje: revisión y engrase total, desmontaje, control y montaje de rodamientos.-
- 33 - 6 : Reemplazo de colizas del pedestal.-
- 33 - 7 : Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descriptas por el fabric. serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 : Controlar suspensión de nariz de Mot. de Tracc. controlar estado de los topes en el bogie (en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 : Controlar el bastidor y viga "Bolster" con tintas penetrantes, soldaduras, de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long. los trabajos se considerarán eventuales.-
- 33 - 10 : Controlar posibles desgastes en el pendular de suspensión, fijación al bastidor, apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm. se normalizarán p/soldadura. (de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos, las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 : Control de jgos. de palancas, colizad., pernos correderas regulad. de freno, portazapatas, etc.- Encasquillado de la timonería de freno con total reemplazo de bujes, pernos, chavetas.-
- 33 - 12 : Control de amortiguadores-Reemplazo de bujes de goma.-

- 11/12-

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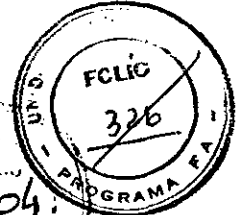
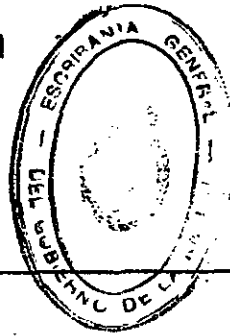
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Anexo Técnico N°1
Loct. GM. GT. 22. CW.

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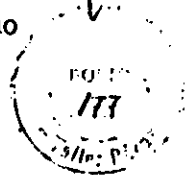
ANEXO

- 33 - 13: Limpieza y control dimensional de cajas cubre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador. Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-acople del cardan al M/D. y alineación

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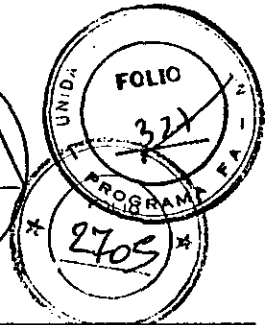
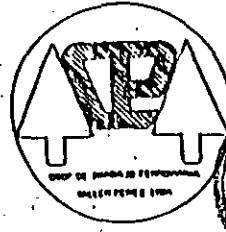
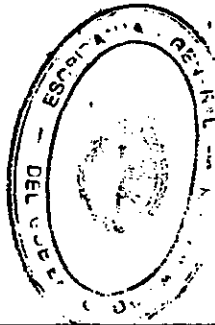
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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

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- 13 -

ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conec. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-
- 36 - : PUESTA EN MARCHA.-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loct.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

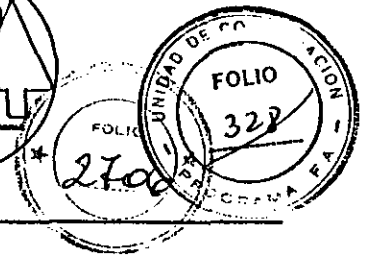
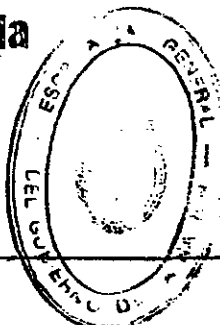
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ANEXO TECNICO N°2

ANEXO

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$ TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca capuchón	12N°.-	8,33 :
.0129.0/	Elemento de filtro.-	24N°.-	34,56 :
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42 :
9006667000.0/	" retén de aceite.-	1N°.-	5,90 :
9006664000.0/	Guarnición.-	1N°.-	0,81 :
9006747000.0/	" anular.-	1N°.-	0,65 :
9006722000.0/	Guarnición.-	1N°.-	4,15 :
9006407000.0/	" de la tapa.-	1N°.-	12,32 :
9006587000.0/	Diafragma.-	1N°.-	10,89 :
9002817000.0/	Aro.-	2N°.-	0,99 :
9006618000.0/	"	1N°.-	0,55 :
9002793000.0/	"	4N°.-	2,20 :
9131505000.0/	Sello.-	1N°.-	9,50 :
8.888.90.1.989.0/	"	1N°.-	1,81 :
0.08.3.99.0909.0/	Guarnición.-	1N°.-	5,02 :
.0403.0/	Sello de aceite.-	1N°.-	14,29 :
9006599000.0/	Guarnición.-	1N°.-	2,03 :
0.08.3.09.1229.0/	"	1N°.-	1,16 :
9006713000.0/	"	1N°.-	1,77 :
9006704000.0/	Sello anular.-	1N°.-	5,32 :
9006688000.0/	" "	1N°.-	4,36 :
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50 :
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,80 :
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84 :
.0629.0/	Junta para lubricación.-	24N°.-	2,83 :
9131487000.0/	Elemento filtrante.-	7N°.-	270,62 :
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89 :
.0711.0/	Filtro blindado.-	2N°.-	29,82 :
.1443.0/	Sello.-	1N°.-	39,19 :
.0645.0/	Junta de vaso.-	2N°.-	0,87 :
.0735.0/	Aro "0".-	2N°.-	0,85 :
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93 :
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76 :
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63 :
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54 :
9131197000.0/	Junta.-	2N°.-	11,16 :
9062580000.0/	"	2N°.-	3,20 :
9131171000.0/	Junta para codo.-	2N°.-	14,96 :
9131540000.0/	Junta para brida.-	2N°.-	3,19 :
9062880000.0/	" " "	2N°.-	6,16 :
9131197000.0/	Junta.-	1N°.-	2,79 :
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26 :
.1155.0/	Juego.de juntas p/filtro.-	1N°.-	26,64 :
.1163.0/	" " " p/colador.-	1N°.-	24,37 :
.1409.0/	Filtro turbo grande	1N°.-	25,71 :

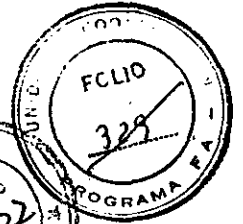
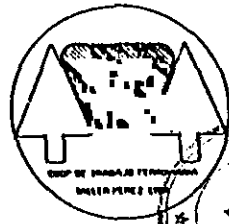
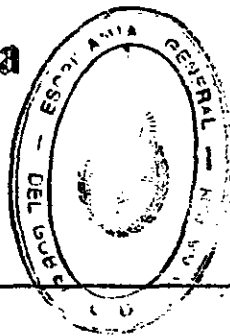
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Anexo Técnico N°2
Mat. Nec. Rep. R. **ANEXO**
Equiv. N° 3°.-

- 2 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo.de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	1 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo.reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " " válv.N°8.-	1 N°.-	8.-
.1424.0/	" " " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "0".-	1 N°.-	2,44
9007763000.0/	" " " retén.-	1 N°.-	3,21
9002739000.0/	" " " "0".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	" " " "	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "0".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " " "	1 N°.-	0,23
.2601.0/	Aro "0" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " " "	1 N°.-	3,14
9002696000.0/	" " " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "0".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "0".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "0".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	" " "	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo.juntas e/cab.y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo.de aros STD.-	12 N°.-	2.711,76
.08.0051.0/	Jgo.de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P.y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	" " " A/P.	1 N°.	34,58

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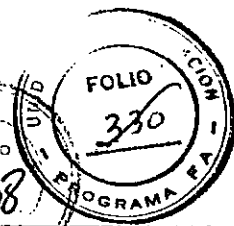


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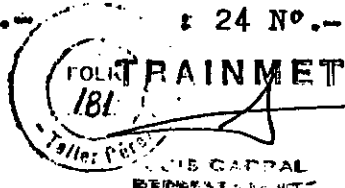


Anexo Técnico No 2
Mat. Nec. Rep. Básica
Equiv. No 30

- 3 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO	TOTAL
0.08.5.01.0487.0/	:Juntas.-	: 2 N°.-	: 6,30	: 12,60
.0489.0/	: "	: 2 N°.-	: 3,74	: 7,48
.0535.0/	: "	: 2 N°.-	: 30,38	: 60,76
.0531.0/	: "	: 1 N°.-	: 14,59	: 14,59
9061512000.0/	:Juntas tapa lateral.-	: 2 N°.-	: 7,43	: 14,86
9061522000.0/	:Junta.-	:10 N°.-	: 21,45	: 214,50
9061529000.0/	: "	: 2N°.-	: 2,23	: 4,46
0.08.5.01.0073.0/	:Junta tapa cojinete.-	: 1 N°.-	: 4,95	: 4,95
9061521000.0/	:Junta.-	: 3 N°.-	: 2,34	: 7,02
0.08.5.01.0065.0/	:Retén.-	: 2 N°.-	: 22,05	: 44,10
9131019000.0/	:Silemblock.-	:20 N°.-	: 281,16	: 5623,20
0.08.1.01.0169.0/	:Anillo guardapolvo.-	:12 N°.-	: 297,36	: 3568,32
.0173.0/	: " p/sello.-	:24 N°.-	:1.167,44	: 28018,56
.0175.0/	:Sello retén.-	:24 N°.-	: 133,81	: 3211,44
9130436000.0/	:Buje.-	:10N°.-	: 43,62	: 436,20
9064002000.0/	: "	:16 N°.-	: 103,95	: 1663,20
0.08.1.01.0667.0/	:Buje p/amortiguador.-	: 4 N°.-	: 209,20	: 836,80
.0921.0/	:Buje.-	: 4 N°.-	: 20,61	: 82,44
.0923.0/	: "	:12 N°.-	: 79,23	: 950,76
.0927.0/	: "	: 4 N°.-	: 17,83	: 71,32
.0931.0/	: "	: 4 N°.-	: 17,91	: 71,64
.0935.0/	:Perno.-	: 8 N°.-	: 194,73	: 1558,64
.0973.0/	:Perno c/ rosca hembra.-	: 8 N°.-	: 135,92	: 1087,36
.0975.0/	: " " " "	: 8 N°.-	: 135,92	: 1087,36
.1017.0/	:Perno.-	: 2 N°.-	: 50,97	: 101,94
.1019.0/	: "	: 2 N°.-	: 52,41	: 104,82
9000362000.0/	:Zapata fundida.-	:12N°.-	: 256,30	: 3075,60
0.08.1.01.1211.0/	:Buje.-	:24 N°.-	: 138,57	: 3325,68
.1213.0/	: "	:32 N°.-	: 159,94	: 5118,08
.1217.0/	:Perno p/traba.-	: 8 N°.-	: 421,47	: 3371,76
.1265.0/	:Perno.-	:16 N°.-	: 359,91	: 5758,56
.1291.0/	: "	: 4 N°.-	: 133.-	: 532,16
.1295.0/	:Perno.-	: 2 N°.-	: 40,87	: 81,74
.1317.0/	: "	:16 N°.-	: 294,42	: 4710,72
.1411.0/	:Guardapolvo.-	: 6 N°.-	: 96,94	: 581,64
.1413.0/	:Abrazadera p/guardapolvo.-	: 6 N°.-	: 21,85	: 131,10
.1497.0/	:Sello fieltro.-	:24 N°.-	: 67,20	: 1612,80
.1508.0/	: " protector.-	: 6 N°.-	: 192.-	: 1152,00
.1509.0/	:Retén.-	: 6 N°.-	: 153,57	: 921,42
.1517.0/	: " de sello.-	: 6 N°.-	: 170,50	: 1023,00
9006247000.0/	:Empaquetadura taza p/pistón.-	: 8 N°.-	: 144,64	: 1157,12
9019989000.0/	:Conjunto guía pedestal.-	:24 N°.-	:2.592,33	: 62155,92
0.08.7.01.1345.0/	:Escobilla AR.10.-	: 4 N°.-	: 45,13	: 180,52
.1351.0/	: " D.14.-	: 4 N°.-	: 29,34	: 117,36
9131615000.0/	: " E.44.-	: 8 N°.-	: 78,29	: 626,32
0.08.7.21.0041.0/	:Buje I/ colector.-	: 2 N°.-	: 5,89	: 11,78
9131694000.0/	:Buje p/ carcaza guía.-	: 2 N°.-	: 2,67	: 5,34
9131695000.0/	: " " " espaciadora.-	: 2 N°.-	: 4,18	: 8,36
0.08.7.21.0091.0/	:Escobilla c/terminal.-	: 24 N°.-	: 71,29	: 1710,96

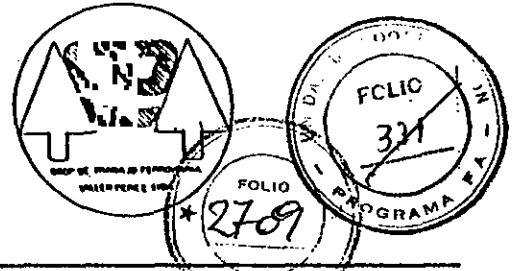
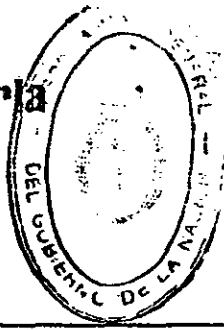
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Anexo Técnico N°2
Mat. Neo. Rep. **ANEXO**
Num. 3°.-

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.7.12.0089.0/	Escobilla.-	4N°.-	15,61
.08.0389.0/	" DE.7	48N°.-	743,40
8.343.03.1.555.0/	Esmalte sintético negro.-	28 Lts.	180,60
.105.0/	" " verde.-	35 Lts.	211,75
.220.0/	" " amarillo.-	12Lts.	108,24
.110.0/	" " rojo.-	12 Lts.	91,44
.115.0/	" " Rojo.-	6 Lts.-	59,46
.999.9/	" " Blanco.-	1 Lt.-	8,46
8.349.10.2.050.0/	Thinner.-	40 Lts.	43,20
8.233.71.3.010.0/	Masilla plástica.-	4Kgs.-	15,40
8.229.54.4.005.0/	Lija al agua.-	20 N°.-	10,80
8.593.99.9.999.0/	Cinta de enmascarar.-	2 N°.-	4,08
8.245.53.4.020.0/	Jabón en polvo.-	2 Kgs.-	3,32
8.247.01.1.001.0/	Estopa.-	12	30,36
.50.1.001.0/	Trapo blanco.-	10 Kgs.-	33,20
8.349.05.1.030.0/	Líquido p/limpieza.-	600Lts.-	378.-
8.397.10.1.130.0/	Aceite turbina YPF.68.-	60Lts.-	111,51
.38.1.115.0/	" YPF.397.-	760Lts.-	1.763,20
.10.1.150.0/	" " 78.-	3 Lts.	7,08
.66.1.100.0/	Grasa.-YPF.96.-	30Kgs.-	21,60
.63.1.114.0/	" " 63.-	15Kgs.-	39,60
.118.0/	" Shell Ciprina.-	1 Kg.-	5,32
8.245.20.8.020.0/	Barniz Cliptal.-	4 Lts.-	29,40
8.260.19.5.070.0/	Soda Cáustica.-	10Kgs.-	13,90
8.390.05.1.018.0/	Gas-Oil.-	1500Lts.	525.-
8.395.10.2.045.0/	Gas envasad .-	45 Kgs.	44,60
8.260.03.1.020.0/	Acido muriático.-	2 Lts.	2.-
8.233.26.3.010.0/	Silastic.-	1 Kg.	28,58
8.500.01.1.050.0/	Estafío al 50%.-	1 Kg.	23,60
8.395.15.2.006.0/	Acetileno.-	6 Kgs.	66,84
.30.2.006.0/	Oxígeno.-	6 m3.-	15,54
8.081.01.1.016.0/	Alambre cincado.-	3 Kgs.-	6,57
8.575.13.3.019.0/	Fieltro en plancha 3/4".-	3 Kgs.-	23,79

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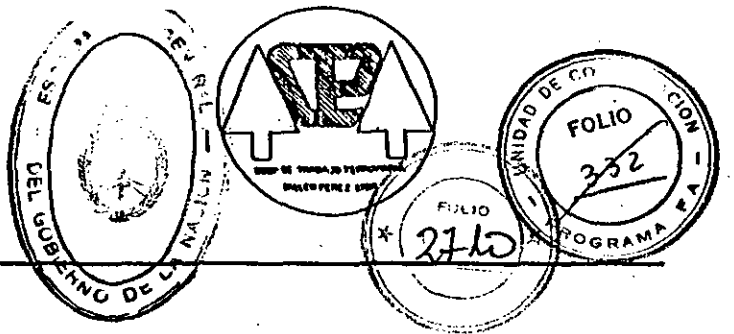
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Cooperativa de Trabajo Ferroviaria Taller Perez Ltda.

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- ANEXO TECNICO Nº 3 -

ANEXO

TAREAS ADICIONALES LOCT.G.MOTORS GT.22.CW Nº9044

- | I - | <u>-PARTE MECANICA-</u> | <u>CANTIDAD A REPARAR.-</u> |
|---|-------------------------|-----------------------------|
| 1) - <u>Motor Diesel.-</u> | | |
| 1 - 1: <u>Desmon-tar M/D.:</u> | | |
| 1-1-1: Desmontar caño drenaje agua M/D.- | | |
| 1-1-2: " " " de cámara admisión.- | | |
| 1-1-3: " " aliment.a intercamb.de bba.succión
aceite.- | | |
| 1-1-4: Desmontar caño aliment.de intercamb.y tanque agua
a bomba.- | | |
| 1-1-5: Desmontar caño aliment.tambor filtro caja coladores.- | | |
| 1-1-6: " " aceite reg.M/D.a servo aleta.- | | |
| 1-1-7: " " aliment.y drenaje a cabeza vaso visor.- | | |
| 1-1-8: " bulones anclajes M/D. y Guías.- | | |
| 1-1-9: " soporte protector volante.- | | |
| 1-1-10: " placa y volante G/P.- | | |
| 1-1-11: " difusor y goma entrada aire turbo.- | | |
| 1-1-12: " caño salida colector central agua a block.- | | |
| 1-1-13: " múltiple escape.- | | |
| 1-1-14: " caño ventil.aceite de intercamb.a caja contra-
peso arbol de levas.- | | |
| 1-1-15: Desmontar caño drenaje aceite M/D.- | | |
| 1-1-16: " protector de cardan.- | | |
| 1-1-17: " cardan a compresor.- | | |
| 1-1-18: " M/D.de loct.- | | |
| 1-1-19: Limpiar M/D., piezas y bastidor de loct.- | | |
| 1 - 2 : <u>Desarme completo M/ D.:</u> | | |
| 1-2-1 : Desmontar ductos.- | | |
| 1-2-2 : " turbo.- | | |
| 1-2-3 : " toma de fuerza Gen.Auxiliar.- | | |
| 1-2-4 : " volante.- | | |
| 1-2-5* : " caja de engranajes.- | | |
| 1-2-6 : " engranajes intermedios.- | | |
| 1-2-7 : " " y contrapesos de arbol de levas.- | | |
| 1-2-8 : " " Cigüeñal.- | | |
| 1-2-9 : " Conducto lubricación turbo.- | | |
| 1-2-10: " Caja coladores.- | | |
| 1-2-11: " Bomba succión aceite.- | | |
| 1-2-12: " " ppal.presión aceite y enfriam.pistones.- | | |
| 1-2-13: " Codos salida de agua de bombas.- | | |
| 1-2-14: " Base toma fuerza de regulador M/D.- | | |
| 1-2-15: " tapa caja Sistema de sobrerrevoluciones.- | | |

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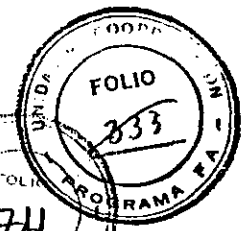
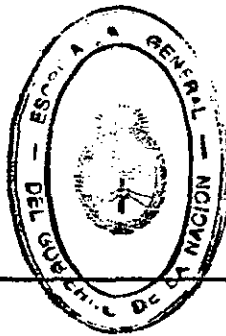
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Anexo Técnico N°3
Tareas Adicionales Ioct.
GM.GT.22.OV.N° 9044

CANTIDAD A
REFARAR.-

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- 2 -

ANEXO

- 1-2-16 : Desmontar Cánulas.-
- 1-2-17 : " sistema de palanca de dispos.de sobre-
revolución.-
- 1-2-18 : Desmontar contrapesos.-
- 1-2-19 : " caja dispositivo de sobrerrevol.
- 1-2-20 : " engranaje de impulsor del gobernador, bom-
ba de agua, impulsor de aux., imp. bomba succión,
imp. bomba lubric.princ. y ebfriam.pistones.-
- 1-2-21 : Desmontar amortig-uador de vibraciones.-
- 1-2-22 : " caja de engranajes.-
- 1-2-23 : " caño aliment.a colector comb.
- 1-2-24 : " palancas, soportes y eje comando crema-
llera.-
- 1-2-25 : Desmontar arbol de levas.-
- 1-2-26 : " eje comando de levas sobrerrev.
- 1-2-27 : " brida drenaje cámara de aire.-
- 1-2-28 : " cajas de balancines.-
- 1-2-29 : " block de cárter.-
- 1-2-30 : Girar block y desmontar tapas de bancada.-
- 1-2-31 : Desmontar cigüeñal.-
- 1-2-32 : Limpieza total de piezas.-

1 - 3 : Cigüeñal:

- 1-3-1 : Inspección visual, geométrica y por Magnaflux.-
- 1-3-2 : Recuperación de muñón de biela con aporte de mate-
rial.-
- 1-3-3 : Rectificado de muñón de biela.-
- 1-3-4 : Pulido de muñones en general.-
- 1-3-5 : Limpieza del cigüeñal.-

1 - 4 : Turbo Sobrealimentador.-

1

- 1-4-1 : Desarme completo.-
- 1-4-2 : Limpieza y/o descarbonización de todos y c/u.de los
elementos con productos y sistemas adecuado a o/caso
- 1-4-3 : Inspección visual, geométrica y/o por Magnaflux
de todps los elementos.-
- 1-4-4 : Control de balanceo dinámico del rotor.-
- 1-4-5 : Reemplazo del juego de juntas.-
- 1-4-6 : Armado y acondicionamiento para su posterior monta-
je sobre M/D.-

1 - 5 : Conjuntos de Fuerza.-

- 1-5-1 : Rectificado de cilindros.-

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Anexo Técnico N°3
Tareas Adicionales Loct.
GM.GT.22.CW N° 9044

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CANTIDAD A
REPARAR.-

1 - 6 : <u>Inyectores.-</u>	12
1-6-1 : Reemplazo de roscas averiadas.-	
1-6-2 : " " elementos bombeantes.-	
1-6-3 : " " toberas.-	
1-6-4 : " " tuercas del inyector.-	
1 - 7 : <u>Balancines:-</u>	36
1-7-1 : Reemplazo de bujes.-	
1 - 8 : <u>Amar M/D. completo.-</u>	
1 - 9 : <u>Montar M/D. sobre locomotora y acoplar.-</u>	
1 -10 : <u>Alinear G/Principal.-</u>	
1 - 11: <u>Manchón acople Generador Auxiliar.-</u>	
1-11-1: Reparación del manchón.-	2
1-11-2: Reemplazo de silemblock.-	8
1 - 12: <u>Tuberías y elementos del sistema neumático:</u>	
1-12-1: Reemplazar manga aire a motor L/V.	2
1-12-2: Colocar recuperador aceite compresor.-	1

ANEXO

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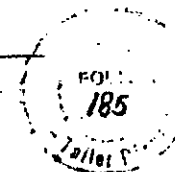
II - - PARTE ELECTRICA -

2) - Circuitos y Equipos Eléctricos:

2 - 1: <u>Motor de Tracción:</u>	
2-1-1 : Rebobinado de inducido.-	2 N°
2-1-2 : Recambio de colector.-	1 N°
2-1-3 : " " eje inducido.-	1 N°
2-1-4 : Reemplazar caja soporte y alesar alojamiento de cojinetes.-	8 N°
2-1-5 : Desmontaje, desarme y reparación bobinas de campo de conmutación y principales.-	6 N°
2-1-6 : Reparar puntas de bobinas de campos.-	8
2-1-7 : Cambiar aislación completa de los campos.-	6
2 - 2: <u>Circuitos en general y Auxiliares:</u>	
2-2-1 : Montar faros cabecera del.	1
2-2-2 : Montar, conectar caja llaves, resist. y motores descongelador.-	6 c/u.
2-2-3 : Montar, conectar calentador eléctrico.-	1

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- 3/4 -

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Anexo Técnico N°3
Tareas Adicionales Ioct.
GM.GT.22.GW.N° 9044

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ANEXO CANTIDAD A REPARAR

2-2-4 :	Montar, conectar equipo luz instrumento.-	4
2-2-5 :	" " Portalámparas y colocar lámparas luz P05 y patinaje.-	1 c/u.
2-2-6 :	Desacoplar, desmontar, reparar, controlar funcionamiento, montar y acoplar instrumento velocímetro	1
2-2-7 :	Desconectar, cambiar y conectar cable-s conexiones velocímetro.-	1
2-2-8 :	Desmontar, reparar, montar y conectar amperímetro carga batería.-	1
2-2-9 :	Montar y conectar interruptor corredera.-	2
2-2-10:	" " " pulsador parada M/Diesel.-	1
2-2-11:	" " " portalámpara luz filtro tapado.-	1
2-2-12:	Cambiar yemas de contacto SP14-SP25.-	2
2-2-13:	Desmontar, reparar, montar y conectar contactor FSl.-	1
2-2-14:	Montar y conectar rectificador CR81 en gabinete ACL-AC2.-	1
2-2-15:	Montar y conectar presioestado CCS en gab. ACL-AC2.-	1

- 0 -

3) - Bastidor y Carrocería:

3 - 1	: Colocación de baranda lateral derecha del.	1
3 - 2	: " " " frontal der. delant.	1
3 - 3	: " " " " izq. delantera.-	1
3 - 4	: " espejos retrovisores.-	2
3 - 5	: " asiento giratorio.-	1
3 - 6	: " apoyabrazos.-	2
3 - 7	: " asiento rebatible.-	1
3 - 8	: " parasoles.-	4
3 - 9	: " tabiques división sala presurizada.-	3
3 - 10	: Reemplazar parabrisas fijo delantero y trasero.-	4
3 - 11	: " vidrio ventana deslizante.-	1
3 - 12	: Reparar puertas sala de máquinas.-	6
3 - 13	: " miriñaque.-	1
3 - 14	: Reemplazar conducto flexible a M/T.	6
3 - 15	: Colocar tapa tanque combustible.-	1
3 - 16	: Fabricac. y colocación de protectores volante M/D.-	2
3 - 17	: " " " " " cardan G/Aux.	1
3 - 18	: " " " " " manchón acople MD.	1

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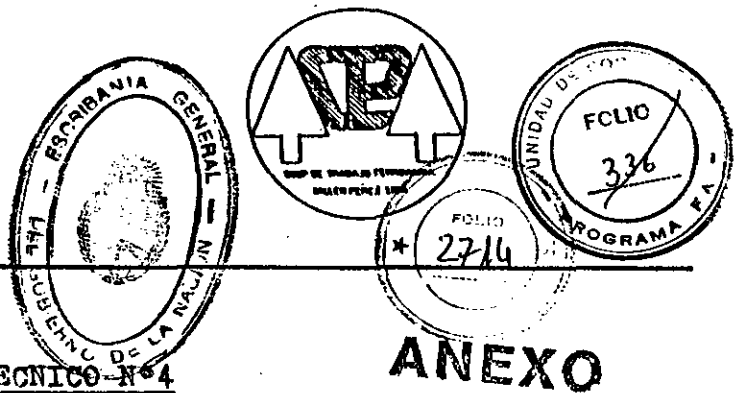
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ANEXO TECNICO-Nº4

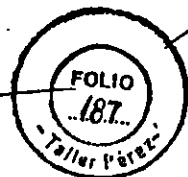
ANEXO

MATERIALES ADICIONALES LOCT.G.MOTORS GT.22.CW.Nº9044

N.U.M.	DESCRIPCION	CANT.	PRECIO \$
0.08.3.02.0113.0/	Cordón sello silio.e/block y carter.-	2	33,34
.0133.0/	Aro "O".-	2	4,06
.0139.0/	Junta p/caja.-	1	1,65
.0211.0/	" Nylon del volante.-	1	1,10
.0217.0/	" tapa inspección.-	24	31,68
.0219.0/	" " "	24	27,17
.0277.0/	Retén extremo.-	8	14,70
.0281.0/	Retén de costado.-	8	15,20
.0285.0/	" " "	16	30,40
.0313.0/	Junta p/ soporte.-	4	10,56
.0345.0/	Sello p/ta-pa.-	4	163,44
.0387.0/	Junta e/block y bastidor ext.	2	15,56
.0389.0/	" " " " int.	2	14,46
.0629.0/	Junta paso aceite al balancín.-	24	2,40
.0630.0/	Sello válvula prueba.-	1	1,12
H. 9062123000.0/	Sello del codo salida agua.-	1	0,85
0.08.3.02.0632.0/	" " " " al mo- noblock.-	2	1,96
.0633.0/	Sello anillo de cierre.-	12	116,87
.0805.0/	Jgo. juntas p/aloj.imp.arbol de levas.-	1	39,27
.0843.0/	Junta.-	2	4,62
.0845.0/	Junta.-	2	3,66
.0869.0/	Junta e/ tapa y alojamiento.-	1	4,13
.0891.0/	Junta.-	2	3,35
H. 9130433000.0/	Junta.-	2	0,44
0.08.3.02.0901.0/	Junta e/tapa y placa.-	1	0,42
.0904.0/	Junta.-	1	0,65
.0906.0/	"	1	0,99
.0933.0/	"	1	25,23
H. 9131108000.0/	Sello.-	1	3,50
0.08.3.04.0397.0/	Jun-ta p/impulsor regulador.-	1	3,06
H. 9131123000.0/	Aro "O".-	1	0,50
0.08.3.04.0769.0/	Junta de la tapa.-	1	1,52
.0787.0/	Junta p/ impulsor.-	1	2,84
9062446000.0/	Sello aceite.-	1	1,57
9062447000.0/	Retén del sello.-	1	31,74
0.08.3.05.2019.0/	Jgo. juntas p/sobrealiment.	1	174,13
9131311000.0/	Junta p/múltiple.-	6	31,98
9131171000.0/	Junta p/codo.-	1	7,48
0.08.3.05.2520.0/	Junta e/adaptad.y cámara post.	1	23,01
.2521.0/	Junta unión múltiple.-	5	96,85
.2523.0/	Junta unión adaptador.-	1	25,97
9130377000.0/	Junta p/montaje bomba.-	2	3,85

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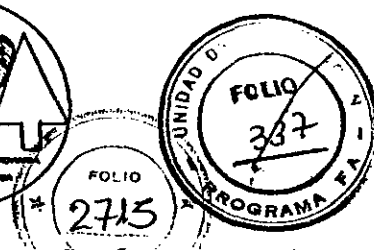
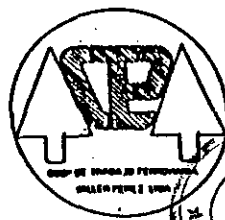
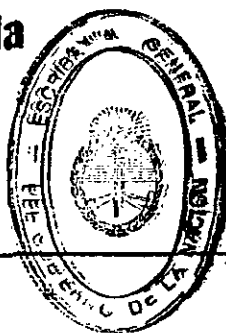
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Anexo Técnico N°4
Mat. Adicion. Oct. GM.
G.T.22.C. V. N° 19044

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N.U.M.	DESCRIPCION	CANT.	PRECIO \$
H. 9062663000.0/	: Junta e/colador y tapa.-	: 1	: 2,91
: 9062665000.0/	: Junta.-	: 2	: 0,84
: 9019623000.0/	: Junta e/codo y bomba.-	: 2	: 0,80
: 0.08.3.07.0521.0/	: Sello e/tapa y codo.-	: 1	: 1,65
: .0545.0/	: Junta e/ tapa y codo.-	: 1	: 0,35
: .0564.0/	: Junta.-	: 1	: 0,25
: .0569.0/	: Sello e/codo y tapa impulsor.-	: 1	: 3,15
: .0577.0/	: Junta.-	: 1	: 1,32
: .1163.0/	: Juego juntas del colador.-	: 1	: 23,16
: 0.08.3.06.0147.0/	: Juego reparación inyectores.-	: 12	: 914,28
: .02.0655.0/	: Buje balancín.-	: 36	: 265,99
: 9131019000.0/	: Silemblocks.-	: 8	: 112,46
: 0.08.9.03.0615.0/	: Protector cardan G/Aux.-	: 1	: 22,78
: .3.05.0435.0/	: Guarnición.-	: 1	: 1,80
: .0465.0/	: Junta p/sello cojinete.-	: 1	: 1,63
: .0559.0/	: Junta del conducto.-	: 1	: 4,45
: .0665.0/	: " e/carceza y cojinete.-	: 1	: 2,50
: .0673.0/	: " del soporte.-	: 1	: 9,30
: .0767.0/	: " p/aro del engranaje.-	: 1	: 4,20
: .3.03.0413.0/	: Pistón S/M.030".-	: 12	: 9.371,72
: 9064579000.0/	: Conducto ventil.flexible(fuelle):	: 6	: 554,95
: 0.08.5.06.1233.0/	: Brazo L/V.	: 2	: 189,48
: 9004771000.0/	: Canjeador y soporte.-	: 2	: 240,00
: 9131130000.0/	: Burlete puerta sala presurizada	: 5Mt.	: 12,38
: 0.08.2.02.1101.0/	: " p/puerta chica.-	: 3Mt.	: 13,34
: .3.04.1043.0/	: Gato giro M/ D.-	: 1	: 1.166,77
: .8.01.0340.0/	: Unión elástica p/bomba agua.-	: 2	: 583,84
: .6.02.0303.0/	: Termómetro temp.agua.-	: 1	: 46,66
: .3.06.0827.0/	: Tapa tanque combustible.-	: 1	: 258,86
: 9003122000.0	: Recuperador de aceite.-	: 1	: 42,75
: 0.08.6.02.0093.0/	: Manómetro aire.-	: 1	: 70,31
: .9.01.0201.0/	: Baranda lateral.-	: 2	: 1.074,80
: .0203.0/	: " frontal del.	: 1	: 430,20
: .2.02.2351.0/	: Parabrisa fijo.-	: 4	: 120,00
: 9013001000.0/	: Espejo retrovisor.-	: 2	: 346,90
: 0.08.2.02.2957.0/	: Asiento giratorio.-	: 1	: 157,49
: .3131.0/	: Apoya brazo.-	: 2	: 164,12
: .3351.0/	: Parasol.-	: 4	: 205,03
: .2043.0/	: Vidrio ventana deslizante.-	: 1	: 30,00
: .3091.0/	: Asiento rebatible.-	: 1	: 86,96
: 0.08.9.06.0369.0/	: Tabique L/Izq.	: 1	: 148,75
: .0371.0/	: " L/Der.	: 1	: 146,50
: .0373.0/	: " central.-	: 1	: 135.-
: H. 9130841000.0/	: Acople go-bern. M/D.	: 2	: 14,82
: 9130880000.0/	: " gobern. "	: 2	: 14,82
: 8.532.02.4.385.0/	: Lámparas iluminación.-	: 11	: 22.-
: 0.08.7.08.0741.0/	: Grampa colgante.-	: 2	: 30,33
: .3.03.0207.0/	: Cojinete biela sup. STD.	: 1	: 422,48
: .0209.0/	: " " inf. STD.	: 1	: 293,14
: 0.08.3.06.0049.0/	: Embolo completo.-	: 12	: 1.626,28

TRAINMET/3-

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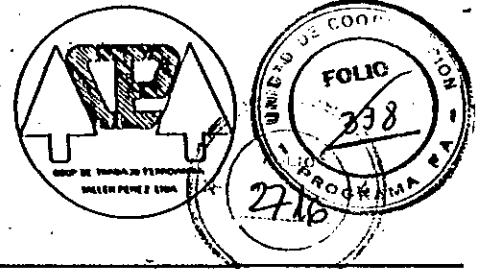
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Anexo Técnico N°4
Mat. Adicion. Loct. G. Motors
G.T. 22. C.W. N°9044

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- 3 -

ANEXO

N.U.M.	DESCRIPCION	CANT.	PRE-CIO
: 0.08.8.03.0147.0/	: Baterías.-	: 8	: 4.670.-
: H. 9131076000.0/	: Rectificador CR81.-	: 1	: 46,21:
: 0.08.7.08.0601.0/	: Juego de rebobinado.-	: 2	: 14.400.-
: .0795.0/	: Colector.-	: 1	: 10.560,18:
: .0799.0/	: Eje inducido.-	: 1	: 2.280,00:
: .0293.0/	: Portaescobillas.-	: 4	: 988,64:
: 8.655.22.1.450.0/	: Rodamiento l/ piñón.-	: 2	: 2.502,00:
: .23.1.452.0/	: " l/Colector.-	: 1	: 950,00:
: 0.08.7.08.0039.0/	: Tapa soporte coj.l/piñón.-	: 4	: 8.623,78:
: .0063.0/	: " " " l/Colector.-	: 4	: 7.352,12:
: .0109.0/	: Placa de desgaste inf.	: 3	: 32,45:
: .0107.0/	: " " " sup.	: 2	: 58,30:
: 8.397.63.1.180.0/	: Grasa Shell Ciprina.-	: 5,40Kg	: 28,73:
: 8.245.22.3.050.0/	: Barniz Dolphs.-	: 20Lts.	: 154,20:
: 8.561.65.3.020.0/	: Cordón trenzado.-	: 40Mts.	: 64.-
: .50.1.080.0/	: Cin-ta blanca.-	: 150Mts.	: 24.-
: .54.1.063.0/	: Cinta hilado vidrio.-	: 60Mts.	: 37,20:
: 8.500.01.1.050.0/	: Estaño 50%.-	: 1 Kg.	: 23,60:
: 8.532.85.7.050.0/	: Farola.-	: 1	: 73,50:
: 0.08.7.17.0009.0/	: Descongelador.-	: 6	: 228.-
: .9999.0/	: -Caja llaves y resistencia.-	: 6	: 208,43:
: .8.01.0795.0/	: Calentador eléctrico.-	: 1	: 16,06:
: H. 9131261000.0/	: Equipo luz instrumento.-	: 4	: 32,87:
: 9131119000.0/	: Portalámpara.-	: 2	: 4,90:
: 8.532.58.2.050.0/	: Lámpara.-	: 2	: 4,15:
: H. 9130958000.0/	: Perilla.-	: 3	: 5,16:
: 9131544000.0/	: Interruptor corredera.-	: 2	: 46,26:
: 0.08.6.03.0455.0/	: Presiostato CCS.	: 1	: 280,74:
: H. 9131158000.0/	: Contacto fijo de contactor SP.	: 3	: 144.-
: 0.08.6.06.1933.0/	: " móvil " " SP.	: 3	: 214,28:
: .2003.0/	: " arco fijo apaga arco SP.	: 3	: 119,48:
: .2005.0/	: " " móvil " " "	: 3	: 92,63:
: H. 9131266000.0/	: Puñador parada Motor diesel.-	: 1	: 52,95:
: 0.08.6.09.1343.0/	: Barra omnibus positiva.-	: 1	: 137,14:
: .7.21.0301.0/	: Protector motor arranque.-	: 1	: 98,93:
: .9.06.0275.0/	: Aspirador de impureza.-	: 1	: 25,45:
: H. 9130855000.0/	: Tomacorriente.-	: 1	: 80,64:
: 0.08.8.02.0605.0/	: Receptáculo.-	: 1	: 26,68:
: H. 9130844000.0/	: Vidrio receptáculo.-	: 1	: 8,52:
: 9130867000.0/	: Protector alambre.-	: 1	: 33,17:
: 0.08.7.12.0171.0/	: Tapa conex.mot.bomba combust.	: 1	: 7,55:
: 0.08.8.02.0539.0/	: Tulipa luz cabina.-	: 2	: 50,60:

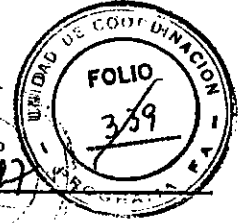
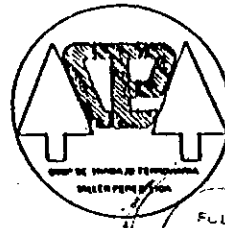
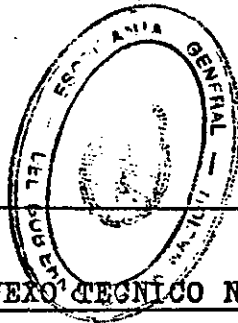
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ANEXO TECNICO N°1

ANEXO

LOCOMOTORAS GENERAL MOTORS G.T.22.0.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies ; sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyector, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Pre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardan de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a c/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañerías, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de alta y baja en sala de máquinas y Bastidor.-

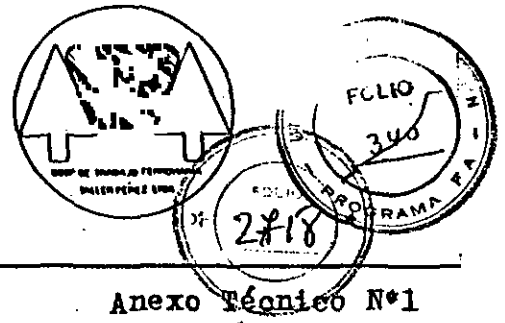
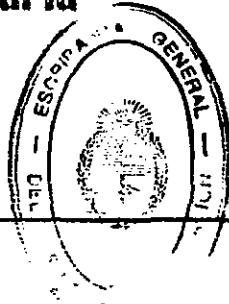
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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

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- 2 -

ANEXO

9 - MOTOR DIESEL:

- 9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-
- 9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

- 9-3-1: Desarmar y limpiar inyectores.-
- 9-3-2: Inspeccionar elementos bombeantes.-
- 9-3-3: Rectificar aguja y asentar a tobera.-
- 9-3-4: Controlar funcionamiento cremalleras.-
- 9-3-5: Reemplazar elementos filtrantes y juntas.-
- 9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCINES:

- 9-4-1: Desarmar y limpiar.-
- 9-4-2: Controlar bujes, pernos y caños lubricación.-
- 9-4-3: Armar.-

9 - 5: PUENTES DE VALVULAS:

- 9-5-1: Desarmar y limpiar.-
- 9-5-2: Inspeccionar elementos.-
- 9-5-3: Armar botadores y controlar en banco de pruebas.-
- 9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS
COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

- 9-6-1: Limpiar y controlar.-
- 9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

- 9-7-1: Limpiar.-
- 9-7-2: Asentar aguja.-
- 9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

- 9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

- 9-9-1: Desmontar culata de cilindro.-
- 9-9-2: " biela y pistón.-
- 9-9-3: Limpiar y descarbonizar.-
- 9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-
- 9-9-5: " alineación de bielas.-
- 9-9-6: " dimensional de canasta de biela, cilindro y pistón.-
- 9-9-7: Bruñir cilindros.-
- 9-9-8: Desarmar cabezas de cilindros.-
- 9-9-9: Descarbonizar y lavar.-

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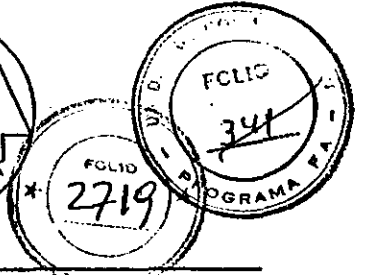
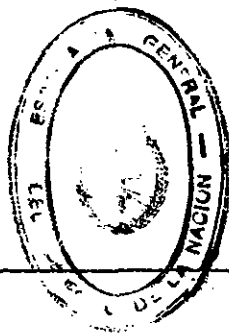
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Anexo Técnico N°1
Locs. G. Motors GT.22.CW

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Proviene de Con.de Fuerza/

ANEXO

- 9-9-10 :Controlar huelgo e/válv.y guías.-
- 9-9-11 :Rectificar válv.y asientos.-
- 9-9-12 :Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 :Efectuar prueba hidráulica.-

9 - 10 :REGULADOR M/D.-:

- 9-10-1 Desarmar y limpiar.-
- 9-10-2: Inspeccionar elementos.-
- 9-10-3: Reemplazar diafragmas y juntas.-
- 9-10-4: Armar y controlar en banco de pruebas.-

9 - 11 :BOMBA DE AGUA:

- 9-11-1 :Desarmar y limpiar.-
- 9-11-2 :Inspeccionar elementos.-
- 9-11-3 :Cambiar sello.-
- 9-11-4 :Armar y probar caudal.-

9 - 12 :GARGANTA DE TURBO:

- 9-12-1 :Descarbonizar y limpiar.-
- 9-12-2 :Inspeccionar en Magnaflux.-

9 - 13: DETECTOR DE F/POSITIVA Y B/F.ACEITE:

- 9-13-1 :Desarmar y limpiar.-
- 9-13-2 :Inspeccionar elementos.-
- 9-13-3 :Reemplazar diafragmas y juntas.-
- 9-13-4 :Armar y controlar en banco de pruebas.-

9 - 14 :INSPECTOSIAQ:

- 9-14-1 :Desarmar y limpiar.-
- 9-14-2 :Inspeccionar elementos.-
- 9-14-3 :Armar y ensayar en banco de pruebas.-

9 - 15 :VALVULA ALIVIO F/ACEITE:

- 9-15-1 :Desarmar y limpiar.-
- 9-15-2 :Inspeccionar elementos.-
- 9-15-3 :Armar, calibrar y controlar funcionamiento

9 - 16 :VALVULA 10 Y 60 LBS.:

- 9-16-1 :Desarmar y limpiar.-
- 9-16-2 :Controlar elementos.-
- 9-16-3 :Armar y efectuar prueba.-

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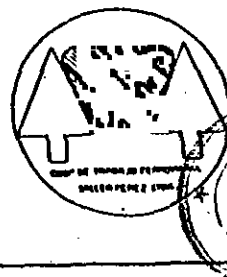
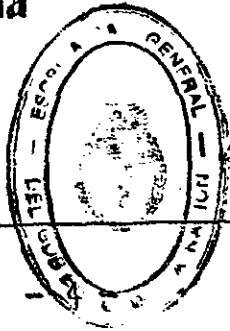
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Anexo Técnico N°1
Locs. G. Motores GT. 22.0W

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ANEXO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.-
- 9-17-2: Efectuar prueba neumática.-
- 9-17-3: Acondicionar vidrios niveles.-
- 9-17-4: Pintar.-

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.-
- 10 - 2: Desarme integral del compresor.-
- 10 - 3: Limpieza de todos sus componentes.-
- 10 - 4: Desmontar rodamientos.-
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.-
- 10 - 6: Rectificado de cigüeñal.-
- 10 - 7: " " cilindros.-
- 10 - 8: Control alineación de bielas.-
- 10 - 9: Inspección de rodamientos.-
- 10 - 10: Reparación integral bomba de aceite.-
- 10 - 11: Desarme y rep. válv. admisión y escape.-
- 10 - 12: " y limpieza y reparac. del radiad. compresor.-
- 10 - 13: Reemplazo de juntas, retenes, etc.-
- 10 - 14: Armado.-
- 10 - 15: Ensayo en banco de pruebas.-
- 10 - 16: Pintura.-

11 - CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.-
- 11 - 2: Controlar alineación y balanceo.-

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.-
- 12 - 2: Inspeccionar elementos.-
- 12 - 3: Cambiar aros "O", juntas y diafragmas.-
- 12 - 4: Armar y probar.-

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.-
- 13 - 2: Probar funcionamiento.-

14 - DEPOSITOS AIRE:

- 14 - 1: Limpiar y efectuar prueba neumática.-

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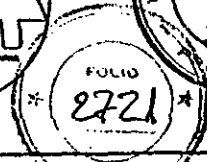
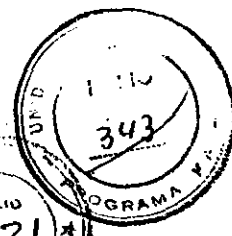
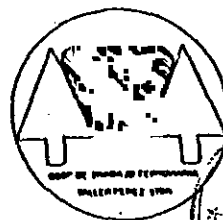
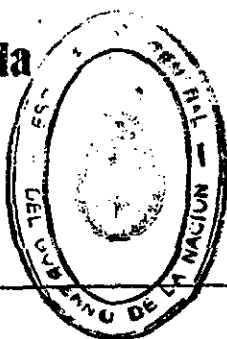
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Anexo Técnico N°1
Locs. G. Motors GT.22.0W

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ANEXO

15 - REJILLA RADIADORES:

15-1: Limpiar e inspeccionar.-

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17-1: Desarmar y limpiar.-

17-2: Baquetear.-

17-3: Realizar prueba hidráulica.-

17-4: Inspeccionar.-

17-5: Armar, y realizar prueba hidráulica.-

17-6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18-1: Desarmar y limpiar.-

18-2: Inspeccionar.-

18-3: Armar y realizar prueba hidráulica.-

19 - POST-ENFRIADOR:

19-1: Desarmar y limpiar.-

19-2: Inspeccionar.-

19-3: Armar y realizar prueba hidráulica.-

20 - REJILLAS^Y PROTECTORES:

20-1: Limpiar e inspeccionar.-

20-2: Reparar.-

21 - FILTROS INERCIALES:

21-1: Limpiar e inspeccionar.-

21-2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22-1: Desarmar y limpiar filtros caja de coladores.-

22-2: Cambiar filtros de tambor, pre-lubricación y turbo.-

22-3: " juntas.-

23 - CABEZA FILTRO TURBO:

23-1: Desarmar y limpiar.-

23-2: Inspeccionar elementos.-

23-3: Armar y probar.-

24 - CABEZA VASOS VISORES:

24-1: Desarmar y limpiar.-

24-2: Armar.-

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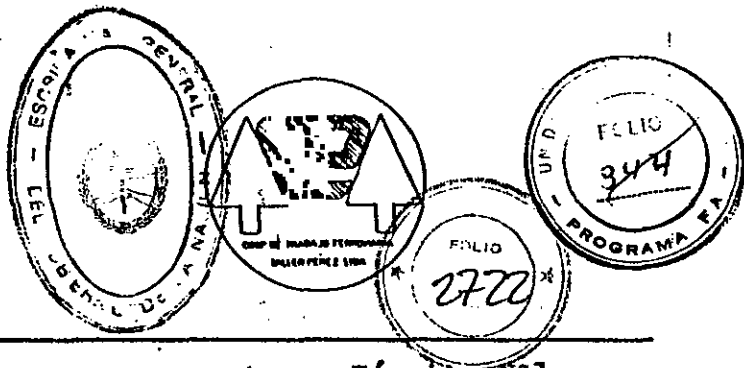
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Anexo Técnico N°1
Locs. G. Motors GT.22.0W

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ANEXO

25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

26 - GANCHOS CENTRALES:

- 26 - 1: Desarmar ganchos.-
- 26 - 2: Limpiar y arenar ganchos.-
- 26 - 3: Inspeccionar fisuras y rosca.-
- 26 - 4: Rellenado y normalizado.-
- 26 - 5: Maquinado.-
- 26 - 6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc. de rosca, chavetas y fisuras.-
- 27 - 3: Reparac. y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLFES:

- 28 - 1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATO-S:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 - 1: Desarmar, limpiar y armar.-
- 30 - 2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Desconec. Gen. Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen. Aux. **TRAINMET**
- 31-1-6: Controlar alabes de turbina sopladora.

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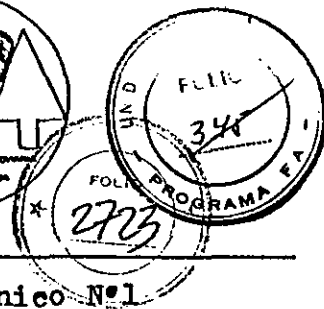
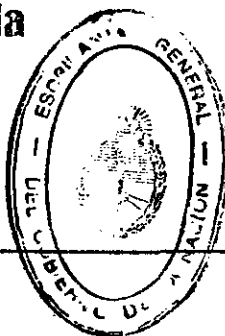
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Anexo Técnico N°1
Locs.G.Motors GT.22.CW

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Proviene de Gen.Auxiliar(Parte Eléct.)

ANEXO

- 31-1-7: Controlar balanceado turbina.-
- 31-1-8: " bases de Gen.Aux.(Agujeros bases sujeción M/D.Motor eléct.carcaza)
Controlar manchón de acople.-
- 31-1-9 : Desarmar y lavar gen.auxiliar.-
- 31-1-10: Controlar eléctricamente carcaza e inducido.-
- 31-1-11: Revisión de rodamientos(cambio de grasa).-
- 31-1-12: Torneear, ranurar y biselar colector.-
- 31-1-13: Normalizar portaescobillas y cambio escobillas.-
- 31-1-14: Armado Gen.Aux.-
- 31-1-15: Ensamble de carcaza turbina al G.A.-
- 31-1-16: Verificar aislación en general.-
- 31-1-17: Montar en loct.
- 31-1-18: Con reloj comparador, alinear.-
- 31-1-19: Acoplar fuelles de ventilación.-
- 31-1-20: Colocar acople flexible e/cardan y auxiliar.-
- 31-1-21: Conectar eléctricamente.-
- 31-1-22: Colocar tapas post.e/M/D.y sala presurizada.-
- 31 - 2 : Bombas combustible y prelubricación.-
 - 31-2-1 : Desconectar y desmontar bombas.-
 - 31-2-2 : Desarmar bombas.-
 - 31-2-3 : Lavar con solvente.-
 - 31-2-4 : Controlar rodamientos y eje.-
 - 31-2-5 : " bobinados de campos e inducidos.-
 - 31-2-6 : Torneear colector, ranurar y biselar.-
 - 31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.
 - 31-2-8 : Armar y pintar bombas.-
 - 31-2-9 : Controlar funcionamiento , aislación y caudal.-
 - 31-2-10: Montar en locomotora.-
 - 31-2-11: Conectar.-
- 31 - 3 : MOTORES DE ARRANQUE-
 - 31-3-1 : Desconectar y desmontar.-
 - 31-3-2 : Desarmar y lavar.-
 - 31-3-3 : Control de aislación e/campo y masa de carcaza.-
 - 31-3-4 : Controlar eje estriado.-
 - 31-3-5 : " eléctricamente inducido y campos.-
 - 31-3-6 : Cambio de bujes y control Bendix.-
 - 31-3-7 : Controlar placa conjunto portaescobillas.-
 - 31-3-8 : Torneear, ranurar, biselar colector.-
 - 31-3-9 : Cambio de escobillas.-
 - 31-3-10: Armar, controlar funcionamiento y aislación.-
 - 31-3-11: Montar y conectar.-

- 7/8 -

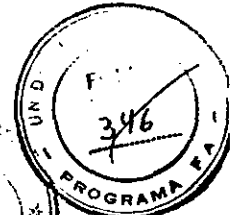
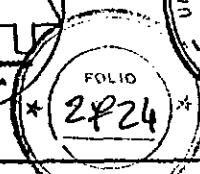
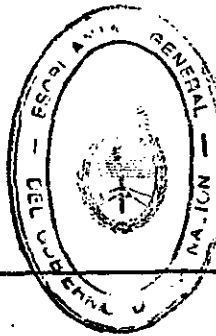
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Anexo Técnico N°1
Locs.G.Motors GT.22.0W

...////////(Cont.)

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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar.-
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Tornear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en locot.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6 : BATERIAS.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y conexión.-

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

31 - 8 : MOTOR DE TRACCIÓN:

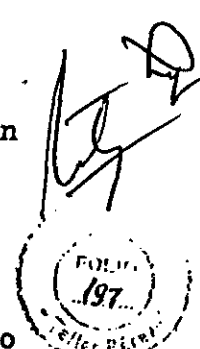
- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos, conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa o métodos adecuados a c/caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.-
- 31-8-6 : Controlar bandas.-

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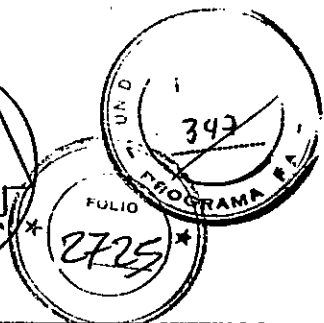
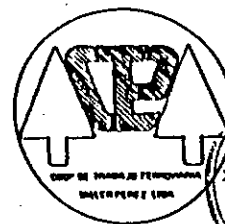
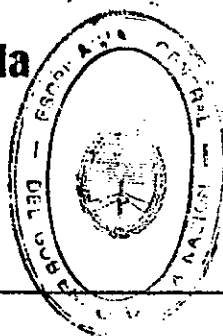
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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

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Proviene de Motor de Tracción/

ANEXO

- 31-8-7 :Controlar ovalización del colector.-
- 31-8-8 :Tornear, biselar y ranurar inducido.-
- 31-8-9 :Controlar dimensiones en carcasa, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12: Rearmado completo, colocación de escobillas nuevas

- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

- 31 - 9 : MOTOR SOPLADOR DE FILTROS INERCIALES:
 - 31-9-1 : Inspecc. visual de funcionamiento y control de rodamiento.-
 - 31-9-2 : Ensayo de aislación.-

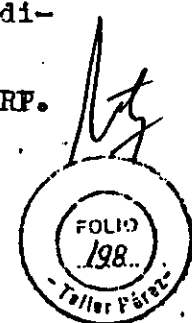
- 31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:
 - 31-10-1: Inspecc. visual de funcionam. y conecciones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
 - 31-10-2: Inspección visual de funcionamiento y conecciones de todos los relevadores en gral.-
 - 31-10-3: Inspecc. visual de funcionam. y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
 - 31-10-4: Inspección visual de todas las resistencias y reostatos.-
 - 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadoras, etc.)
 - 31-10-6: Inspecc. visual de coneccionado panel RCP, SBP. y TRP. panel sensor y de patinaje WSC).-
 - 31-10-7: Desconectar y desmontar reg. carga de batería.-
 - 31-10-7-1: Control de ajuste en banco de prueba.-
 - 31-10-7-2: Montaje y conexión sobre locomotora.-

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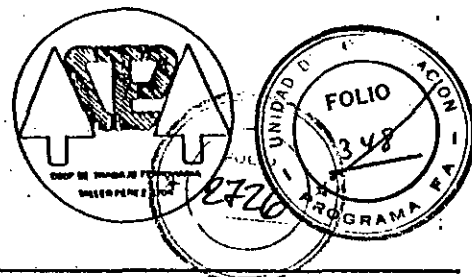
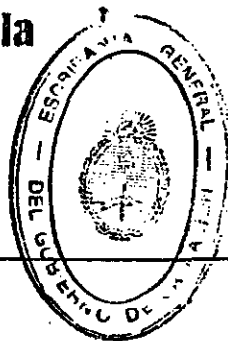
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Locs. G. Motors GT. 22. CW

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ANEXO

31 - 11 - REGULADOR DE CARGA L.R.;

31-11-1 : Inspecc. de funcionam. superf. de contacto,
valor ohms, escobillas y conexiones.-

31 - 12 : ALTERNADOR ARI0 - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext. rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext. rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob. en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - : BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-

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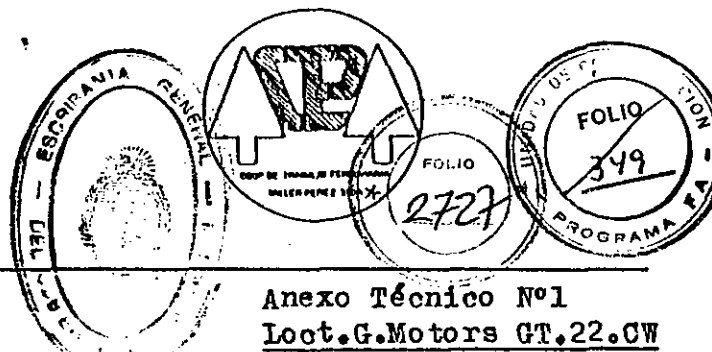
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Anexo Técnico N°1
Loct.G.Motors GT.22.CW

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ANEXO

Proviene de Bogies/

- 33 - 2 :Control estanqueidad y funcionamiento del equipo de freno en bogie.Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 :Desmontaje timonería de freno y ejes.-
- 33 - 4 :Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 :Cajas punta de eje:revisión y engrase total,desmontaje,control y montaje de rodamientos.-
- 33 - 6 :Reemplazo de colizas del pedestal.-
- 33 - 7 :Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descriptas por el fabric.serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 :Controlar suspensión de nariz de Mot.de Tracc. controlar estado de los topes en el bogie(en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 :Controlar el bastidor y viga "Bolster" con tintas penetrantes,soldaduras,de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long.los trabajos se considerarán eventuales.-
- 33 - 10 :Controlar posibles desgastes en el pendular de suspensión,fijación al bastidor,apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm.se normalizarán p/soldadura.(de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos,las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 :Control de jgqs.de palancas,colizad.,pernos correderas regulad. de freno,portazapatas,etc.-Encasquillado de la timonería de freno con total reemplazo de bujes,pernos,chavetas.-
- 33 - 12:Control de amortiguadores-Reemplazo de bujes de goma.-

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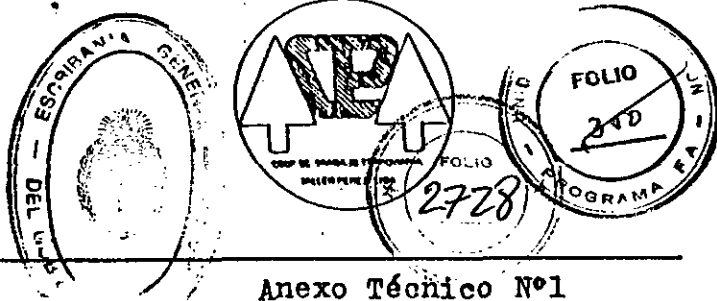
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Anexo Técnico N°1
Loct. GT. GT.22.CW.

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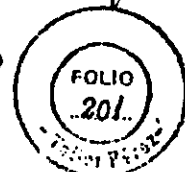
ANEXO

- 33 - 12: Limpieza y control dimensional de cajas cubre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1 : Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2 : Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3 : Montaje intercambiador de calor, pos-enfriador, Radiadores, persianas y rejillas.-
- 34 - 4 Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-acople del cardan al M/D. y alineación

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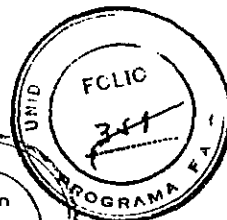
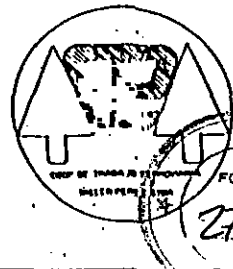
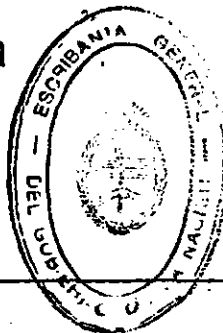
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Anexo Técnico Nº1
Locs. G/M.GT.22.CW.

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ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conecc. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-

- 36 - : PUESTA EN MARCHA.-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loc. t.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

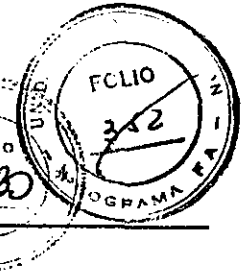
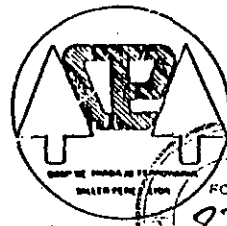
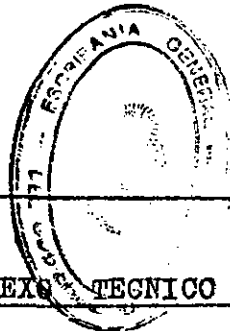
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ANEXO TECNICO N°2

ANEXO

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$ TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca capuchon	12N°.-	8,33 :
.0129.0/	Elemento de filtro.-	24N°.-	34,56 :
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42 :
9006667000.0/	" retén de aceite.-	1N°.-	5,90 :
9006664000.0/	Guarnición.-	1N°.-	0,81 :
9006747000.0/	" anular.-	1N°.-	0,65 :
9006722000.0/	Guarnición.-	1N°.-	4,15 :
9006407000.0/	" de la tapa.-	1N°.-	12,32 :
9006587000.0/	Diafragma.-	1N°.-	10,89 :
9002817000.0/	Aro.-	2N°.-	0,99 :
9006618000.0/	"	1N°.-	0,55 :
9002793000.0/	"	4N°.-	2,20 :
9131505000.0/	Sello.-	1N°.-	9,50 :
8.888.90.1.989.0/	"	1N°.-	1,81 :
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02 :
.0403.0/	Sello de aceite.-	1N°.-	14,29 :
9006599000.0/	Guarnición.-	1N°.-	2,03 :
0.08.3.09.1229.0/	"	1N°.-	1,16 :
9006713000.0/	"	1N°.-	1,77 :
9006704000.0/	Sello anular.-	1N°.-	5,32 :
9006688000.0/	" "	1N°.-	4,36 :
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50 :
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83 :
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84 :
.0629.0/	Junta para lubricación.-	24N°.-	2,83 :
9131487000.0/	Elemento filtrante.-	7N°.-	270,62 :
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89 :
.0711.0/	Filtro blindado.-	2N°.-	29,82 :
.1443.0/	Sello.-	1N°.-	39,19 :
.0645.0/	Junta de vaso.-	2N°.-	0,87 :
.0735.0/	Aro "Q".-	2N°.-	0,85 :
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93 :
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76 :
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63 :
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54 :
9131197000.0/	Junta.-	2N°.-	11,16 :
9062580000.0/	"	2N°.-	3,20 :
9131171000.0/	Junta para codo.-	2N°.-	14,96 :
9131540000.0/	Junta para brida.-	2N°.-	3,19 :
9062880000.0/	" " "	2N°.-	6,16 :
9131197000.0/	Junta.-	1N°.-	2,79 :
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26 :
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64 :
.1163.0/	" " " p/colador.-	1N°.-	24,37 :
.1409.0/	Filtro turbo grande.-	1N°.-	25,71 :

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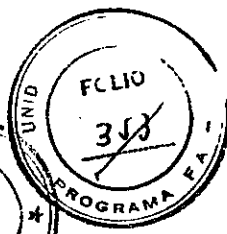
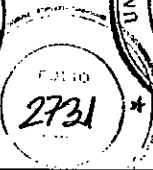
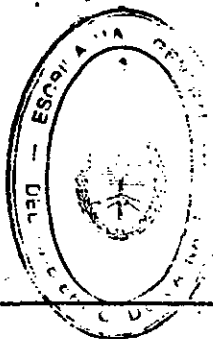
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Anexo Técnico N°2
Mat. Neo. Rep. Básica
Equiv. N° 39

ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo.de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	1 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo.reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " " válv.N°8.-	1 N°.-	8.-
.1424.0/	" " " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "O".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " " "O".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	"	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "O".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " "	1 N°.-	0,23
.2601.0/	Aro "O" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "O".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "O".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "O".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	"	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo.juntas e/cab.y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo.de aros STD.-	12 N°.-	2.711,76
.08.0051.0/	Jgo.de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P.y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	" " " A/P.	1 N°.-	34,58

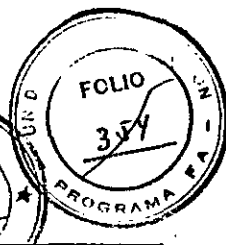
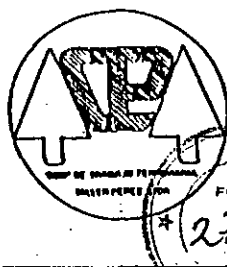
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Anexo Técnico N° 2
Mat. Nec. Rep. Básica
Equiv. N° 30.-

ANEXO

- 3 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.5.01.0487.0/	Juntas.-	2 N°.-	6,30
.0489.0/	"	2 N°.-	3,74
.0535.0/	"	2 N°.-	30,38
.0531.0/	"	1 N°.-	14,59
9061512000.0/	Juntas tapa lateral.-	2 N°.-	7,43
9061522000.0/	Junta.-	10 N°.-	21,45
9061529000.0/	"	2 N°.-	2,23
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 N°.-	4,95
9061521000.0/	Junta.-	3 N°.-	2,34
0.08.5.01.0065.0/	Retén.-	2 N°.-	22,05
9131019000.0/	Silemblock.-	20 N°.-	281,16
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 N°.-	297,36
.0173.0/	" p/sello.-	24 N°.-	1.167,44
.0175.0/	Sello retén.-	24 N°.-	133,81
9130436000.0/	Buje.-	10 N°.-	43,62
9061002000.0/	"	16 N°.-	103,95
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 N°.-	209,20
.0921.0/	Buje.-	4 N°.-	20,61
.0923.0/	"	12 N°.-	79,23
.0927.0/	"	4 N°.-	17,83
.0931.0/	"	4 N°.-	17,91
.0935.0/	Perno.-	8 N°.-	194,73
.0973.0/	Perno c/ rosca hembra.-	8 N°.-	135,92
.0975.0/	" " " "	8 N°.-	135,92
.1017.0/	Perno.-	2 N°.-	50,97
.1019.0/	"	2 N°.-	52,41
9000362000.0/	Zapata fundida.-	12 N°.-	256,30
0.08.1.01.1211.0/	Buje.-	24 N°.-	138,57
.1213.0/	"	32 N°.-	159,94
.1217.0/	Perno p/traba.-	8 N°.-	421,47
.1265.0/	Perno.-	16 N°.-	359,91
.1291.0/	"	4 N°.-	133.-
.1295.0/	Perno.-	2 N°.-	40,87
.1317.0/	"	16 N°.-	294,42
.1411.0/	Guardapolvo.-	6 N°.-	96,94
.1413.0/	Abrazadera p/guardapolvo.0	6 N°.-	21,85
.1497.0/	Sello fieltro.-	24 N°.-	67,20
.1508.0/	" protector.-	6 N°.-	192.-
.1509.0/	Retén.-	6 N°.-	153,57
.1517.0/	" de sello.-	6 N°.-	170,50
9000247000.0/	Empaquetadura taza p/pistón.-	8 N°.-	144,64
9019989000.0/	Conjunto guía pedestal.-	24 N°.-	2.592,33
0.08.7.01.1345.0/	Escobilla AR.10.-	4 N°.-	45,13
.1351.0/	" D.14.-	4 N°.-	29,31
9131615000.0/	" E.44.-	8 N°.-	78,29
0.08.7.21.0041.0/	Buje I/ colector.-	2 N°.-	5,89
9131694000.0/	Buje p/ carcaza guía.-	2 N°.-	2,67
9131695000.0/	" " " espaciadora.-	2 N°.-	4,18
0.08.7.21.0091.0/	Escobilla c/terminal.-	24 N°.-	71,29

TRAMITE

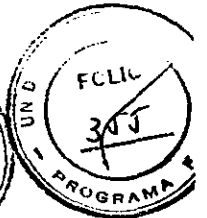
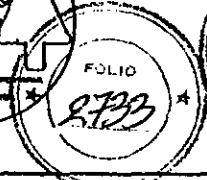
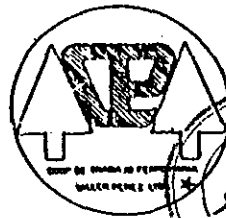
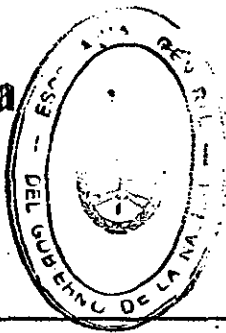
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Anexo Técnico N°2
Mat. Neo. Rep. Básica
Num. 3°.-

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ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	Escobilla.-	4N°.-	15,61
.08.0389.0/	" DE.7	48N°.-	743,40
8.343.03.1.555.0/	Esmalte sintético negro.-	28 Lts.	180,60
.105.0/	" " verde.-	35 Lts.	211,75
.220.0/	" " amarillo.-	12Lts.	108,24
.110.0/	" " rojo.-	12 Lts.	91,44
.115.0/	" " Rojo.-	6 Lts.-	59,46
.999.9/	" " Blanco.-	1 Lt.-	8,46
8.349.10.2.050.0/	Thinner.-	40 Lts.	43,20
8.233.71.3.010.0/	Masilla plástica.-	4Kgs.-	15,40
8.229.54.4.005.0/	Lija al agua.-	20 N°.-	10,80
8.593.99.9.999.0/	Cinta de enmascarar.-	2 N°.-	4,08
8.245.53.4.020.0/	Jabón en polvo.-	2 Kgs.-	3,32
8.247.01.1.001.0/	Estopa.-	12 -	30,36
.50.1.001.0/	Trape Blanco.-	10 Kgs.-	33,20
8.349.05.1.030.0/	Líquido p/limpieza.-	600Lts.-	378.-
8.397.10.1.130.0/	Aceite turbina YPF.68.-	60Lts.-	111,51
.38.1.115.0/	" YPF.397.-	760Lts.	1.763,20
.10.1.150.0/	" " 78.-	3 Lts.	7,08
.66.1.100.0/	Grasa.-YPF.96.-	30Kgs.-	21,60
.63.1.114.0/	" " 63.-	15Kgs.-	39,60
.118.0/	" Shell Ciprina.-	1 Kg.-	5,32
8.245.20.8.020.0/	Barniz Cliptal.-	4 Lts.-	29,40
8.260.19.5.070.0/	Soda Cáustica.-	10Kgs.-	13,90
8.390.05.1.018.0/	Gas-Oil.-	1500Lts.	525.-
8.395.10.2.045.0/	Gas envasad -	45 Kgs.	44,60
8.260.03.1.020.0/	Acido muriático.-	2 Lts.	2.-
8.233.26.3.010.0/	Silastic.-	1 Kg.	28,58
8.500.01.1.050.0/	Estafío al 50%.-	1 Kg.	23,60
8.395.15.2.006.0/	Acetileno.-	6 Kgs.	66,84
.30.2.006.0/	Oxígeno.-	6 m3.-	15,54
8.081.01.1.016.0/	Alambre cincado.-	3 Kgs.-	6,57
8.575.13.3.019.0/	Fieltro en plancha 3/4".-	3 Kgs.-	23,79

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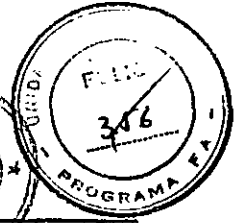
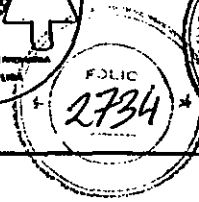
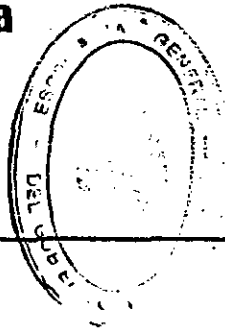
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ANEXO TECNICO N° 3

ANEXO

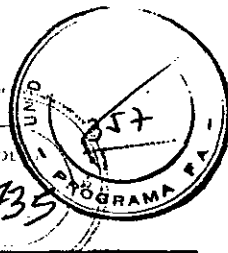
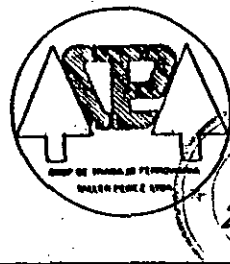
TAREAS ADICIONALES LOCT.GRAL.MOTORS GT.22.GW.N°9090

	<u>CANTIDAD A REPARAR</u>
I - - - - -	- PARTE MECANICA -
1) - <u>Motor Diesel.-</u>	
1 - 1: <u>Desmontar M/D.:</u>	
1-1-1 : Desmontar caños drenaje agua M/D.-	
1-1-2 : " " " de cámara admisión.-	
1-1-3 : " " aliment.a intercamb.de bba.sacc.de aceite.-	
1-1-4 : Desmontar caños aliment.de intercamb.y tanque agua a bomba.-	
1-1-5 : Desmontar caños alim.tambor de filtros a caja de colad.-	
1-1-6 : Desmontar caños aceite de regul.M/D.a servo aleta.-	
1-1-7 : " " aliment.y drenaje a cab. vaso visores.-	
1-1-8 : " bulones anclaje M/D.y guías.-	
1-1-9 : " soporte protectores de volante.-	
1-1-10: " " placa y volante G/P.-	
1-1-11: " difusor y goma entrada aire turbo.-	
1-1-12: " caño salida colect.central agua block.-	
1-1-13: " múltiple de escape.-	
1-1-14: Desmont.caño ventilac.aceite de intercamb.a caja contrapeso arbol de levas.-	
1-1-15: Desmontar caño drenaje aceite M/D.-	
1-1-16: " protector de cardan.-	
1-1-17: " cardan a compresor.-	
1-1-18: " Motor Diesel.-	
1-1-19: Limpiar Motor Diesel, piezas y bastidor de loct.	
1 - 2 : <u>Desarme Completo de M/D.</u>	
1-2-1 : Desmontar ductos.-	
1-2-2 : " turbo.-	
1-2-3 : " toma de fuerza a G/Auxiliar.-	
1-2-4 : " volante M/D.-	
1-2-5 : " caja de engranajes.-	
1-2-6 : " engranajes intermedios.-	
1-2-7 : " " y contrapesos de arbol de levas.-	
1-2-8 : " " cigüeñal.-	
1-2-9 : " conducto lubricación turbo.-	
1-2-10: " caja de coladores.-	
1-2-11: " bomba succión de aceite.-	
1-2-12: " " princ.de presión aceite y enf.pistones.-	
1-2-13: " Oodos salida de agua de bombas.-	
1-2-14: " Base toma fuerza de regulad.M/D.-	
1-2-15: " Tapa caja Sist.de s/ revoluciones.-	
1-2-16: " Cánulas.-	
1-2-17: " Sistemas de palancas de dispos.de s/rev.	
1-2-18: " Contrapesos.-	
1-2-19: " Caja de disposit.c.s/rev.	



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Anexo Técnico N°3
Tareas Adicionales
Loct. GM. GT. 22. OW N°9090

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CANTIDAD
A REPARAR

1-2-20 : Desmontar engranajes del impuls. del gobernador, Bombas de agua, impulsor de auxiliares, impuls. de bomba succión, Imp. bomba lubric. princ. y enfr. pistones.- **ANEXO**

1-2-21 : Desmontar amortiguador de vibraciones.-

1-2-22 : " caja de engranajes.-

1-2-23 : " caños aliment. a colect. combustible.-

1-2-24 : " palancas, soportes y eje comando crem.

1-2-25 : " arbol de levas.-

1-2-26 : " ejes comando levas de s/rev.

1-2-27 : " Brida drenaje de cámara de aire.-

1-2-28 : " Caja de balancines.-

1-2-29 : " Block de carter.-

1-2-30 : Girar block y desmontar tapas de bancadas.-

1-2-31 : Desmontar cigüeñal.-

1-2-32 : Limpiar todas las piezas.-

1 - 3 : Cigüeñal M/D.-

1-3-1 : Inspección visual, geométrica y por Magnaflux.-

1-3-2 : Recuperación de muñones de biela aporte de metal.

1-3-3 : Rectificado.-

1-3-4 : Pulido de muñones de bancada y bielas.-

1-3-5 : Limpieza de Cigüeñal.-

1 - 4 : Turbo Sobrealimentador.-

1 N°

1-4-1 : Desarme completo.-

1-4-2 : Limpieza y/o descarbonización de todos y c/u de los elementos con productos y sistemas adecuados a c/caso.-

1-4-3 : Inspección visual, geométrica y por Magnaflux de todos los elementos.-

1-4-4 : Control del balanceo dinámico del rotor.-

1-4-5 : Reemplazo de juego de juntas.-

1-4-6 : Armado y acondicionamiento p/su posterior montaje en M/D.

1 - 5 : Inyectores.-

12 N°

1-5-1 : Reemplazo de roscas averiadas.-

1-5-2 : " de elementos bombeantes.-

1-5-3 : " " toberas.-

1-5-4 : " " tuercas del inyector.-

1 - 6 : Balancines.-

1-6-1 : Reemplazo de bujes.-

36 N°

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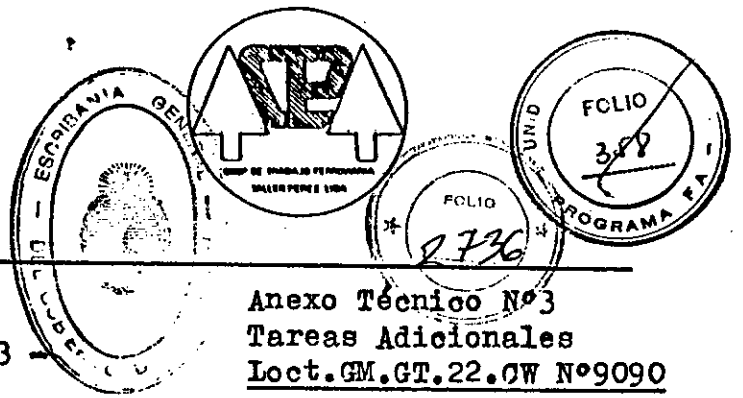
SESTANTE



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Anexo Técnico N°3
Tareas Adicionales
Loct. GM.GT.22.0W N°9090

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ANEXO CANTIDAD A REPARAR.-

1 - 7: <u>Conjunto de Fuerza.-</u>	12 N°
1-7-1 : Rectificado de cilindros.-	
1 - 8 : <u>Armado de Motor Diesel.-</u>	
1 - 9 : <u>Montaje en Locomotora.-</u>	
1 - 10: <u>Alineación de alternador.-</u>	
1 - 11: <u>Manchón acople Generador Auxiliar.-</u>	
1-11-1 : Reemplazo de silemblock.-	8 N°
1 - 12 : <u>Freno de Mano.-</u>	1 N°
1-12-1 : Reparación integral.-	
1 - 13 : <u>Tuberías y elementos del sistema neumático:</u>	
1-13-1 : Reemplazo de caños de aire a motor L/V.	8 N°
1-13-2 : " " mangas " " " "	2 N°
1-13-3 : Colocación mangas de vacío.-	2 N°
1-13-4 : " " aire comprimido.-	4 N°
1-13-5 : " de recuperador aceite compresor.-	1 N°

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II - PARTE ELECTRICA

2) - Circuito y Equipos electricos:

2 - 1 : Motor de Tracción:

2-1-1 : Rebobinado de armadura.-	3 N°
2-1-2 : Reemplazar caja soporte y alesar alojamiento de cojinete,-	8 N°
2-1-3 : Desmontar, desarmar, y reparar bobinas de campo de conmutación y principales.-	10 N°
2-1-4 : Reparar puntas de bobinas de campo.-	6 N°
2-1-5 : Cambiar aislación completa de los campos.-	7 N°

2 - 2 : Motor Bomba de Combustible:

2-2-1 : Rebobinar inducido.-

2 - 3 : Circuitos en general y auxiliares:

2-3-1 : Desmontar faros cabec. delant., colocar burlete, montar y conectar unidad sellada.-	2 N°
2-3-2 : Colocar y conectar bases, llaves y motores descongeladores.	6 c/u.

TRAINMET

LUIS ZARRAL
REPRESENTANTE

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Anexo Técnico N°3
Tareas Adicionales
Loc. G. Motors GT.22.OW 9090

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	CANTIDAD A REPARAR.-
2-3-3 : Montar y conectar equipo luz cabina.-	2 No
2-3-4 : " " " calentador eléctrico.-	1 No
2-3-5 : " " " equipo luz instrumento.-	4 No
2-3-6 : " " " reóstato " "	1 No
2-3-7 : Montar palanca de reversa.-	1 No
2-3-8 : Montar y conectar cables conexión, instrum. velocímetro, motor velocímetro.-	1 No
2-3-9 : Montar y conectar campana de alarma.-	1 No
2-3-10: " " " amperímetro de carga de batería y llave faros tandem.-	1 de c/ u.
2-3-11: Montar y conectar portalámparas y colocar lámparas luz testigo.-	9 de c/u.
2-3-12: Montar y conectar exclusión de motores.-	1 No
2-3-13: " " " interruptores de correa.-	5 No
2-3-14: " " " " parada motor diesel.-	1 No
2-3-15: Montar y conectar la totalidad de las llaves termomagnética del gabinete de llaves térmicas.-	14 No
2-3-16: Montar y conectar portalámpara y lámp. testigo filtros tapado.-	1 No
2-3-17: Montar y conectar TDS y llave cuchilla A/Tensión.-	1 de c/u.
2-3-18: " " " panel SBP, Relé, TLEO, FFR, NVR, ELD,	1 de c/u.
2-3-19: " " " capacitores CA37, 38.-	1 de c/u.
2-3-20: " " " Reóstato RH27.-	1 de c/ u.
2-3-21: Desmontar, reparar, montar y conectar contactor FSL.-	1 No
2-3-22: Montar y conectar barra omnibus positiva.-	1 No
2-3-23: " " " transformador T1.-	1 No
2-3-24: Montar y conect. Equipo luz clasificación trasera.-	2 No
2-3-25: Montar y conectar u. sellada y burlete de faros tras.	2 de c/u.
2-3-26: Montar y conectar panel ROP.	1 No
2-3-27: " " " presioestado OC.S. y rectificador CR81.-	1 c/u.

3) - Bastidor y Carrocería:

3 - 1: Reparación de baranda frontal delantera derecha.-	1 No
3 - 2: Colocación de vidrios numeración.-	4 No
3 - 3: " " " frontales fijos tras. y delant.	3 No
3 - 4: " " " espejos retrovisores.-	2 No
3 - 5: " " " vicer-as ventanas.-	2 No
3 - 6: " " " asientos giratorios.-	2 No
3 - 7: " " " respaldo asientos.-	2 No
3 - 8: " " " soporte de asiento.-	2 No
3 - 9: " " " Apoya brazos.-	2 No
3 - 10: " " " parasoles.-	4 No
3 - 11: " " " ventana corrediza.-	2 No
3 - 12: " " " vidrios ventanas corredizas.-	4 No
3 - 13: " " " asiento rebatible.-	1 No

4/5

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**Cooperativa de Trabajo Ferroviaria
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Anexo Técnico N°3
Tareas Adicionales
Loct.G.Motors GT.22.CW.

.../////

ANEXO

	<u>CANTIDAD A REPARAR</u>
3 - 14 : Colocación de puerta gabinete eléctrico.-	1 N°
3 - 15 : " " cerradura puerta gabin.eléctrico.-	1 N°
3 - 16 : Reparación de puertas sala de máquinas.-	3 N°
3 - 17 : Colocación de tabiques divisorios sala presurizada.-	3 N°
3 - 18 : Colocación de gato giro M/D.	1 N°
3 - 19 : Fabricación protectores volante M/ D.	2 N°
3 - 20 : " " de arbol acople a G/auxil.	1 N°
3 - 21 : " " " " " a compresor.-	1 N°
3 - 22 : Colocación cierre puerta s/presurizada.-	1 N°
3 - 23 : " tapón p/ manga vacío.-	2 N°
3 - 24 : " traba soporte mangas aire comprimido.-	2 N°
3 - 25 : " de miriflaque.-	2 N°
3 - 26 : Fabricación y colocación de puertas caja baterías	2 N°
3 - 27 : Colocación de tapa tanque de combustible.-	2 N°
3 - 28 : " " nivel tanque de combustible.-	2 N°

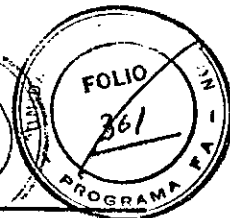
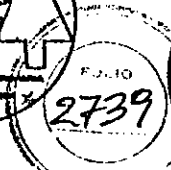
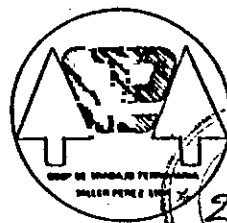
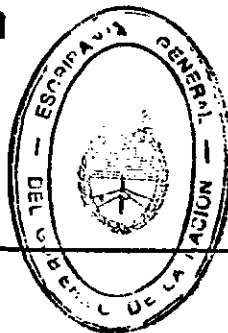
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ANEXO

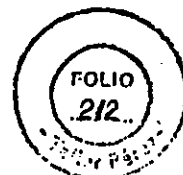
ANEXO TECNICO N° 4

MATERIALES ADICIONALES LOCT.G.MOTORS GT.22.CW.N°9090

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$
0.08.3.02.0113.0/	Cordón sello silic.e/block y cárter.-	2	33,34
.0133.0/	Aro "0"	2	4,06
.0139.0/	Junta p/caja.-	1	1,65
.0211.0/	" Nylon del volante.-	1	1,10
.0217.0/	" tapa inspección.-	24	31,68
.0219.0/	" " "	24	27,17
.0277.0/	Retén extremo.-	8	14,70
.0281.0/	" de costado.-	8	15,20
.0285.0/	" " "	16	30,40
.0313.0/	Junta p/soposte.-	4	10,56
.0345.0/	Sello p/tapa.-	4	163,44
.0387.0/	Junta e/block y bastidor ext.	2	15,56
.0389.0/	" " " " int.	2	14,46
.0629.0/	" paso aceite al balancín.-	24	2,40
.0630.0/	Sello válvula prueba.-	1	1,12
H. 9062123000.0/	" del codo salida agua.-	1	0,85
0.08.3.02.0632.0/	" " " " " al mo- noblock.-	2	1,96
.0633.0/	Sello anillo de cierre.-	12	116,87
.0805.0/	Jgo.juntas p/aloj.imp.arbol de leva:	1	39,27
.0843.0/	Junta.-	2	4,62
.0845.0/	"	2	3,66
.0869.0/	Junta e/tapa y alojamiento.-	1	4,13
.0891.0/	Junta.-	2	3,35
H. 9130433000.0/	"	2	0,44
0.08.3.02.0901.0/	Junta e/tapa y placa.-	1	0,42
.0904.0/	Junta.-	1	0,65
.0906.0/	"	1	0,99
.0933.0/	"	1	25,23
9131108000.0/	Sello.-	1	3,50
0.08.3.04.0397.0/	Junta p/impulsor regulador.-	1	3,06
H. 9131123000.0/	Aro "0".-	1	0,50
0.08.3.04.0769.0/	Junta de la tapa.-	1	1,52
.0787.0/	" p/impulsor.-	1	2,84
9062446000.0/	Sello aceite.-	1	1,57
9062447000.0/	Retén del sello.-	1	31,74
0.08.3.05.2019.0/	Jgo.juntas p/sobrealiment.	1	174,13
H. 9131311000.0/	Junta p/múltiple.-	6	31,98
9131171000.0/	" e/ codo.-	1	7,48
0.08.3.05.2520.0/	Junta e/adaptador y cámara post.	1	23,01
.2521.0/	" unión múltiple.-	5	96,85
.2523.0/	" adaptador.-	1	25,97
H. 9130377000.0/	Junta p/montaje bomba.-	2	3,85

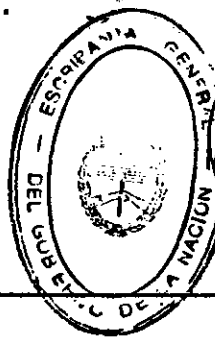
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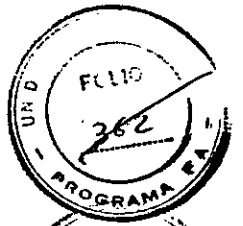


Cooperativa de Trabajo Ferroviaria Taller Perez Ltda.

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ANEXO



Anexo Técnico Nº 4
Mat. Adicion. Loct. CM.
G.T. 22.C.W. Nº 9090

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- 2 -

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$
:H. 9062663000.0/	:Junta e/colador y tapa.-	: 1	: 2,91 :
: 9062665000.0/	:Junta.-	: 2	: 0,84 :
: 9019623000.0/	: " e/codo y bomba.-	: 2	: 0,80 :
:0.08.3.07.0521.0/	:Sello e/ tapa y codo.-	: 1	: 1,65 :
: .0545.0/	:Junta " " "	: 1	: 0,35 :
: .0564.0/	: " " "	: 1	: 0,25 :
: .0569.0/	:Sello e/codo y tapa impulsor.-	: 1	: 3,15 :
: .0577.0/	:Junta.-	: 1	: 1,32 :
: .1163.0/	:Juego juntas del colador.-	: 1	: 23,16 :
:0.08.3.03.0207.0/	:Cojinete biela sup.STD.	: 1	: 422,48 :
: .0209.0/	: " " inf. STD.	: 1	: 293,14 :
:0.08.3.06.0147.0/	:Jgo.reparación inyectores.-	: 12	: 914,28 :
: .02.0655.0/	:Buje balancín.-	: 36	: 265,99 :
: .06.0049.0/	:Embolo completo.-	: 12	: 1.626,28 :
: 9131019000.0/	:Silemblock.-	: 8	: 112,46 :
: 9010419000.0/	:Cadena freno de mano.-	: 1	: 70,25 :
: 9010423000.0/	:Eslabón p/unión.-	: 1	: 7,45 :
:0.08.9.01.0545.0/	:Resorte p/ tensión cadena.-	: 1	: 46,94 :
: 9004404000.0/	:Retén p/piñón.-	: 2	: 10,26 :
: 9000371000.0/	:Buje.-	: 1	: 18,45 :
: 9004398000.0/	:Buje.-	: 1	: 14,23 :
: 9004401000.0/	:Buje.-	: 2	: 11,39 :
:0.08.3.03.0413.0/	:Pistón 0.30"	: 12	: 9.371,52 :
: 9064579000.0/	:Conducto vent.flex.(Fuelle)	: 6	: 554,95 :
: 9131221000.0/	:Manga aire motor L/V.	: 2	: 10,50 :
: 9130841000.0/	:Tubo 1/4".-	: 4Mts.	: 7,28 :
: 9131354000.0/	:Conector.- 1/4".-	: 2	: 1,86 :
: 9139081000.0/	: " " "	: 10	: 8,66 :
: 9131372000.0/	:Codo 90° NPT.1/4".-	: 4	: 6,32 :
:0.08.5.06.1258.0/	:Unión NPT.1/4".-	: 2	: 1,45 :
: .03.0011.0/	:Manga aire comprimido.-	: 4	: 64,84 :
: 9003122000.0/	:Recuperador aceite compresor.-	: 1	: 42,75 :
:0.08.8.02.0097.0/	:Vidrio numeración.-	: 4	: 120,00 :
: .2.02.2351.0/	:Vidrio frontal fijo.-	: 3	: 90,00 :
: 9013001000.0/	:Espejo retrovis-or.-	: 2	: 346,90 :
: 9130949000.0/	:Viseras.-	: 2	: 66,42 :
:0.08.2.02.2957.0/	:Asiento giratorio.-	: 2	: 314,97 :
: .2997.0/	:Respaldo asiento.-	: 2	: 115,72 :
: .3027.0	:Soporte asiento.-	: 2	: 339,30 :
: .3131.0/	:Apoya brazo.-	: 2	: 164,12 :
:0.08.2.02.3351.0	:Parasol.-	: 4	: 205,03 :
:0.08.2.02.2006.0/	:Ventana deslizante.-	: 2	: 654,60 :
: .2043.0/	:Vidrio ventana deslizante.-	: 4	: 120,00 :
: .3091.0/	:Asiento rebatible.-	: 1	: 86,96 :
:0.08.3.04.1043.0/	:Gato giro M/D.	: 1	: 1.166,77 :
: .9.01.0367.0/	:Mirriñaque.-	: 2	: 1.775.- :
: .3.06.0827.0/	:Tapa tanque de combustible.-	: 2	: 517,72 :
: .1025.0/	:Nivel " " "	: 2	: 55,10 :
: .9.06.0369.0/	:Tabique L/Izo	: 1	: 148,75 :

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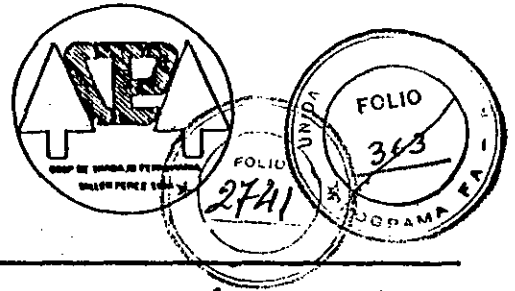
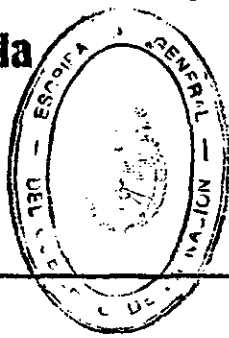
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REPRESENTANTE

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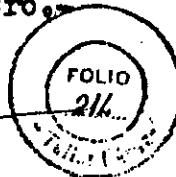
Anexo Técnico N°4
Mat. Adic. Loct. G.M.
GT.22.C.W. N° 9090

- 3 - ANEXO

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$
0.08.9.06.0371.0/	Tabique L/Der.	1	146,50:
0.0373.0/	" central.-	1	135.- :
5.06.1276.0/	Bocina.-	1	676,18:
1233.0/	Brazo L/V.-	2	189,48:
2.02.2561.0/	Cerradura puerta cabina.-	2	360,98:
H. 9019808000.0/	Picaporte.-	4	80,20:
9004771000.0/	Canjeador y soporte.-	2	240.- :
0.08.5.06.1401.0/	Válvula de bocina.-	2	538,51:
2.02.1119.0/	Cerradura puerta gabinete eléct.	1	180,50:
1051.0/	Puerta gabinete eléctrico.-	1	93,21:
9131130000.0/	Burlete puerta sala presuriz.	5 MTs.	12,38:
0.08.8.01.0340.0/	Unión elástica bomba agua.-	2	583,84:
6.02.0303.0/	Termómetro temperatura, agua.-	1	46,66:
9130841000.0/	Acople gobernador M/D.	2	14,82:
9130880000.0/	" " "	2	14,82:
0.08.3.08.1115.0/	Nivel tanque agua.-	1	46,75:
1087.0/	Tapa " "	1	32,45:
1865.0/	Válvula descomp. tanque agua.-	1	64,19:
6.0220093.0/	Manómetro aire dep. ppal.-	1	70,31:
	Válv. segur. depósito ppal.	1	268,50:
0.08.9.03.0639.0/	Arbol acople G/Aux.	1	846,48:
2.02.1101.0/	Burlete puerta chica.-	3Mts.	13,34:
3.04.0979.0/	Arbol acople compresor.-	1	2.986,47 :
8.03.0485.0/	Puerta caja batería.-	2	572,40:
H. 9130534000.0/	Cerradura puerta bat.	4	243,26:
0.08.7.08.0601.0/	Juego de rebobinado.-	3 N°	21.600.- :
0039.0/	Tapa soporte coj. L/Fiñón.-	4	5.004.- :
0063.0/	" " " L/colector.-	4	3.800.- :
0293.0/	Portaescobillas.-	5	1.235,80:
0107.0/	Placa de desgaste sup.	2	58,30:
0109.0/	" " " inf.	3	32,45:
8.655.22.1.450.0/	Rodamiento L/Fiñón.-	2	2.502.- :
23.1.452.0/	" L/Colector.-	3	2.850.- :
8.561.40.1.060.0/	Mylar 0,35mm.	0,40Kgs	3,77:
54.1.063.0/	Cinta hilado vidrio.-	90Mts.	55,80:
8.245.22.3.050.0/	Barniz Dolphs.-	30Lts.	231,30:
8.561.65.3.020.0/	Cordón trenzado.-	60Mts.	96.- :
H. 913182-4000.0/	Burlete unidad sellada.-	4	12,74:
8.532.85.7.050.0/	Unidad sellada de faros.-	3	220,50:
0.08.7.17.0009.0/	Descongela-dores.-	6	228.- :
9999.0/	Caja llaves y resist. descong.	6	208,43:
8.02.0529.0/	Equipo luz cabina.-	2	76,36:
01.0795.0/	Calentador eléctrico.-	1	16,06:
H. 9131261000.0/	Equipo luz instrumento.-	4	32,87:
0.08.6.09.6453.0/	Reostato " "	1	23,07:
01.0433.0/	Palanca reversa.-	1	20,71:
9019609000.0/	Cable conexión velocímetro.-	1	42,13:

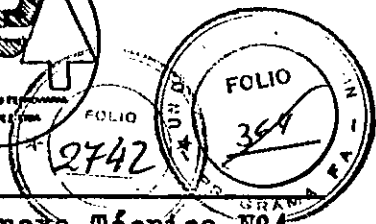
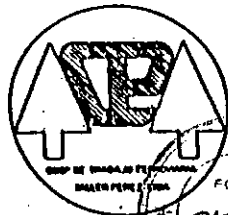
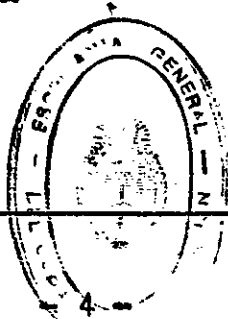
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Anexo Técnico N°4
Mat. Adic. Loct. GM.
GT. 22. CW. N° 9090

ANEXO

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$
H. 9019524000.0/	:Instrumento velocímetro.--	: 1	: 9.366,84 :
: 9019596000.0/	:Motor velocímetro.--	: 1	: 371,70 :
: 9019611000.0/	:Generad.pulsos velocímetro.--	: 1	: 2.230,20 :
: 9005731000.0/	:Campana de alarma.--	: 1	: 85,81 :
:O.08.6.02.0019.0/	:Amperímetro carga batería.--	: 1	: 165,50 :
H. 9131296000.0/	:Llave faros tandem.--	: 1	: 129,64 :
:O.08.6.09.1379.0/	:Portalámpara luz testigo.--	: 9	: 122,94 :
H. 9131289000.0/	:Lámpara-luz testigo.--	: 9	: 24,03 :
:O.08.6.09.3485.0/	:Llave exclusión-M/T.	: 1	: 456,26 :
H. 9131544000.0/	:Interruptor de corredera.--	: 5	: 115,65 :
: 9131266000.0/	: " parada M/D.	: 1	: 52,55 :
:O.08.6.03.0043.0/	: " de faros 30A.--	: 1	: 123,44 :
H. 9131307000.0/	: " " calefactor 35A.--	: 1	: 42,48 :
: 9131309000.0/	: " " calentador 15A.--	: 1	: 41,93 :
: " " " velocímetro 15A.--	: " " " velocímetro 15A.--	: 1	: 41,93 :
: " " " descongelad.15A.	: " " " descongelad.15A.	: 1	: 41,93 :
H. 9131306000.0/	:Interruptores de luces gral.30A.:	: 1	: 41,93 :
: 9131309000.0/	: " " bomba turbo 15A.	: 1	: 41,93 :
:O.08.6.09.5995.0/	: " " " comb. 15A.	: 1	: 65,54 :
H. 9131308000.0/	: " " control-40A.	: 1	: 59,43 :
: 9131310000.0/	: " " -" local 30A.	: 1	: 65,79 :
: 9131304000.0/	: " " campo G/Aux.15A.	: 1	: 19,37 :
:O.08.6.09.5983.0/	: " " control C.Alternol15A:	: 1	: 48,16 :
: .5999.0/	: " " campo generad.100A	: 1	: 333,84 :
: .5993.0/	: " " motor filt.inerc.50A:	: 1	: 67,70 :
: .1379.0/	:Portalámpara.--	: 1	: 13,66 :
H. 9131289000.0/	:Lámpara.--	: 1	: 2,67 :
:O.08.6.07.0121.0/	:Relé TDS.	: 1	: 585,69 :
: .09.1361.0/	:Cuchilla alta tensión.--	: 1	: 37,99 :
: .2381.0/	:Panel SBP.	: 1	: 410,91 :
: .07.0659.0/	:Relé TLPC.	: 1	: 381,07 :
: .0603.0/	: " FPR.	: 1	: 156,76 :
: .09.2487.0/	: " NVR.	: 1	: 165,14 :
: .07.0131.0/	: " ELD.	: 1	: 562,49 :
:O.08.6.09.6123.0/	:Reostato RH 27	: 1	: 60,59 :
: .1343.0/	:Barra omnibus positivo.--	: 1	: 137,14 :
:O.08.6.09.1273.0/	:Transformador Tl.--	: 1	: 159,81 :
: .8.02.0385.0/	:Equipo luz clsif.tras.y delant.	: 4	: 259,74 :
H. 9063904000.0/	:Fusible 150A.	: 1	: 8,50 :
:O.08.6.09.6039.0/	: " arranque 800A.	: 1	: 18,30 :
H. 9063902000.0/	: " 70A.	: 1	: 2,70 :
:O.08.6.09.6035.0/	: " 60A.	: 1	: 2,48 :
: .7301.0/	:Panel RCP.	: 1	: 661,19 :
: .9.06.0275.0/	:Aspirador de foso.--	: 1	: 25,45 :

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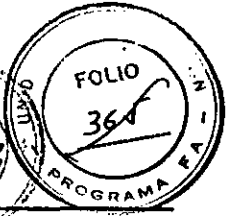
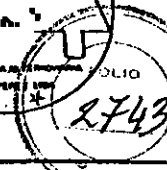
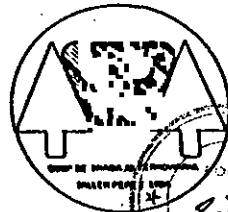
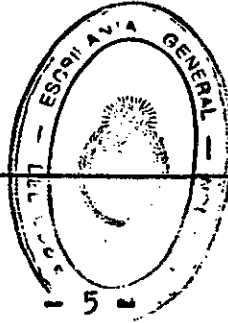


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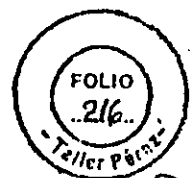
Anexo Técnico N°4
Mater. Adicion. Loct. G.M.
G.T. 22.0.W. N° 9090

ANEXO

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N.U.M.	DESCRIPCION	CANT.	PRECIO \$
: 0.08.6.03.0455.0/	: Presiostato C.C.5.-	: 1	: 280,74 :
: H. 9131076000.0/	: Rectificador CR.81.-	: 1	: 46,21 :
: 0.08.8.03.0147.0/	: Baterías.-	: 8	: 4.670.- :
: 8.532.02.4.385.0/	: Lámparas iluminación.-	: 12	: 24.- :
: 0.08.7.21.0301.0/	: Protector m/arranque.-	: 1	: 98,93 :
: .8.02.0605.0/	: Portalámpara.-	: 1	: 26,68 :
: H. 9130844000.0/	: Vidrio protector.-	: 2	: 17,04 :
: 9130867000.0/	: Protector alambre.-	: 2	: 66,33 :
: 0.08.7.08.0741.0/	: Grampa colgante.-	: 2	: 30,33 :
: 8.530.84.4.062.0/	: Alambre p/bobinar 1,00mms.	: 0,600Kg	: 5,39 :
: H. 9039165000.0/	: Paragolpe.-	: 1	: 2.700.- :
: 0.08.2.01.0081.0/	: Enganche central a tornillo.-	: 1	: 1.200.- :

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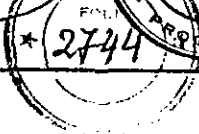
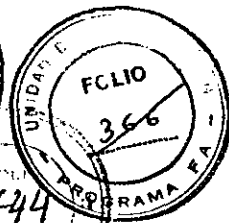
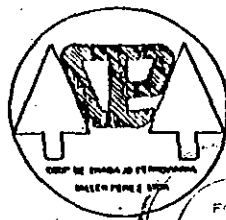


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ANEXO TECNICO N°1

LOCOMOTORAS GENERAL MOTORS G.T.22.C.W. **ANEXO**

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies ; sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyectores, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Fre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardan de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceite y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a c/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañería, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de altaybaja en sala de máquinas y Bastidor.-

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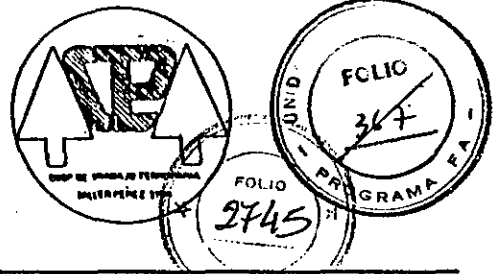
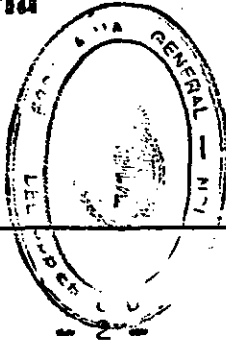
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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

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9 - MOTOR DIESEL:

ANEXO

9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-

9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

9-3-1: Desarmar y limpiar inyectores.-

9-3-2: Inspeccionar elementos bombeantes.-

9-3-3: Rectificar aguja y asentar a tobera.-

9-3-4: Controlar funcionamiento cremalleras.-

9-3-5: Reemplazar elementos filtrantes y juntas.-

9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCINES:

9-4-1: Desarmar y limpiar.-

9-4-2: Controlar bujes, pernos y caños lubricación.-

9-4-3: Armar.-

9 - 5: PUNTES DE VALVULAS:

9-5-1: Desarmar y limpiar.-

9-5-2: Inspeccionar elementos.-

9-5-3: Armar botadores y controlar en banco de pruebas.-

9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS
COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

9-6-1: Limpiar y controlar.-

9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

9-7-1: Limpiar.-

9-7-2: Asentar aguja.-

9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

9-9-1: Desmontar culata de cilindro.-

9-9-2: " biela y pistón.-

9-9-3: Limpiar y descarbonizar.-

9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-

9-9-5: " alineación de bielas.-

9-9-6: " dimensional de canasta de biela, cilindro y pistón.-

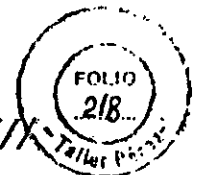
9-9-7: Bruffir cilindros.-

9-9-8: Desarmar cabezas de cilindros.-

9-9-9: Descarbonizar y lavar.-

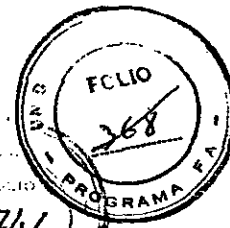
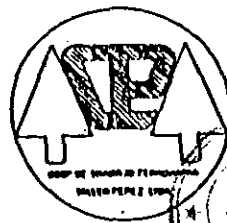
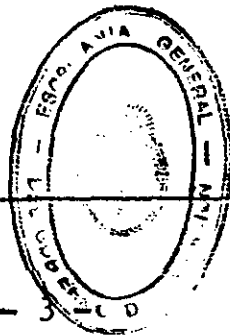
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Anexo Técnico N°1
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ANEXO

Proviene de Con.de Fuerza/

- 9-9-10 :Controlar huelgo e/válv.y guías.-
- 9-9-11 :Rectificar válv.y asientos.-
- 9-9-12 :Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 :Efectuar prueba hidráulica.-

9 - 10 :REGULADOR M/D.-:

- 9-10-1 Desarmar y limpiar.-
- 9-10-2: Inspeccionar elementos.-
- 9-10-3: Reemplazar diafragmas y juntas.-
- 9-10-4: Armar y controlar en banco de pruebas.-

9 - 11 :BOMBA DE AGUA:

- 9-11-1 :Desarmar y limpiar.-
- 9-11-2 :Inspeccionar elementos.-
- 9-11-3 :Cambiar sello.-
- 9-11-4 :Armar y probar caudal.-

9 - 12 :GARGANTA DE TURBO:

- 9-12-1 :Descarbonizar y limpiar.-
- 9-12-2 :Inspeccionar en Magnaflux.-

9 - 13: DETECTOR DE P/POSITIVA Y B/P.ACEITE:

- 9-13-1 :Desarmar y limpiar.-
- 9-13-2 :Inspeccionar elementos.-
- 9-13-3 :Reemplazar diafragmas y juntas.-
- 9-13-4 :Armar y controlar en banco de pruebas.-

9 - 14 :INSPECTOSIAQ:

- 9-14-1 :Desarmar y limpiar.-
- 9-14-2 :Inspeccionar elementos.-
- 9-14-3 :Armar y ensayar en banco de pruebas.-

9 - 15 :VALVULA ALIVIO P/ACEITE:

- 9-15-1 :Desarmar y limpiar.-
- 9-15-2 :Inspeccionar elementos.-
- 9-15-3 :Armar, calibrar y controlar funcionamiento

9 - 16 :VALVULA 10 Y 60 LBS.:

- 9-16-1 :Desarmar y limpiar.-
- 9-16-2 :Controlar elementos.-
- 9-16-3 :Armar y efectuar prueba.-

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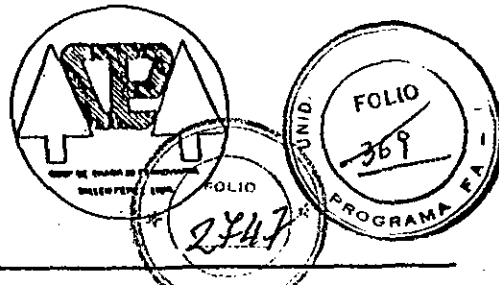
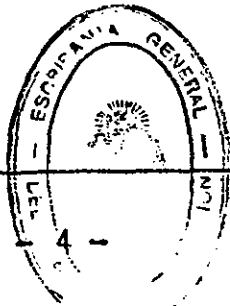
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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

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ANEXO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.-
- 9-17-2: Efectuar prueba neumática.-
- 9-17-3: Acondicionar vidrios niveles.-
- 9-17-4: Pintar.-

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.-
- 10 - 2: Desarme integral del compresor.-
- 10 - 3: Limpieza de todos sus componentes.-
- 10 - 4: Desmontar rodamientos.-
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.-
- 10 - 6: Rectificado de cigüeñal.-
- 10 - 7: " " cilindros.-
- 10 - 8: Control alineación de bielas.-
- 10 - 9: Inspección de rodamientos.-
- 10 - 10: Reparación integral bomba de aceite.-
- 10 - 11: Desarme y rep. válv. admisión y escape.-
- 10 - 12: " y limpieza y reparac. del radiad. compresor.-
- 10 - 13: Reemplazo de juntas, retenes, etc.-
- 10 - 14: Armado.-
- 10 - 15: Ensayo en banco de pruebas.-
- 10 - 16: Pintura.-

11 - : CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.-
- 11 - 2: Controlar alineación y balanceo.-

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.-
- 12 - 2: Inspeccionar elementos.-
- 12 - 3: Cambiar aros "O", juntas y diafragmas.-
- 12 - 4: Armar y probar.-

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.-
- 13 - 2: Probar funcionamiento.-

14 - DEPOSITOS AIRE:

- 14 - 1: Limpiar y efectuar prueba neumática.-

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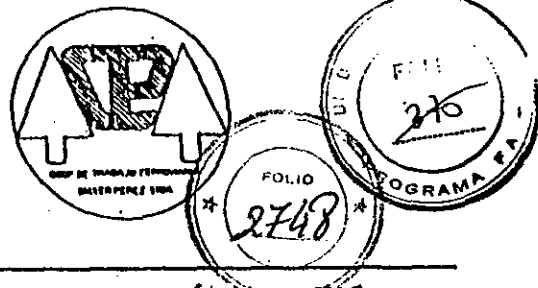
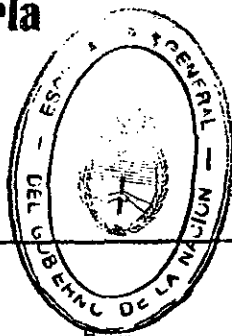
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ANEXO

15 - REJILLA RADIADORES:

15 - 1: Limpiar e inspeccionar.-

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17 - 1: Desarmar y limpiar.-

17 - 2: Baquetear.-

17 - 3: Realizar prueba hidráulica.-

17 - 4: Inspeccionar.-

17 - 5: Armar, y realizar prueba hidráulica.-

17 - 6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18 - 1: Desarmar y limpiar.-

18 - 2: Inspeccionar.-

18 - 3: Armar y realizar prueba hidráulica.-

19 - POST-ENFRIADOR:

19 - 1: Desarmar y limpiar.-

19 - 2: Inspeccionar.-

19 - 3: Armar y realizar prueba hidráulica.-

20 - REJILLAS Y PROTECTORES:

20 - 1: Limpiar e inspeccionar.-

20 - 2: Reparar.-

21 - FILTROS INERCIALES:

21 - 1: Limpiar e inspeccionar.-

21 - 2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22 - 1: Desarmar y limpiar filtros caja de coladores.-

22 - 2: Cambiar filtros de tambor, pre-lubricación y turbo.-

22 - 3: " juntas.-

23 - CABEZA FILTRO TURBO:

23 - 1: Desarmar y limpiar.-

23 - 2: Inspeccionar elementos.-

23 - 3: Armar y probar.-

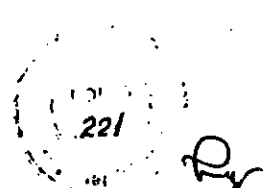
24 - CABEZA VASOS VISORES:

24 - 1: Desarmar y limpiar.-

24 - 2: Armar.-

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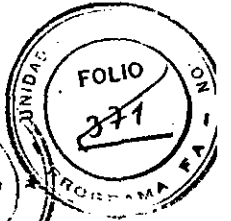
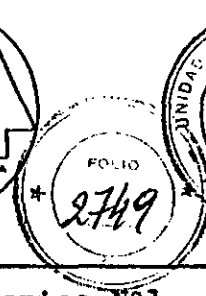
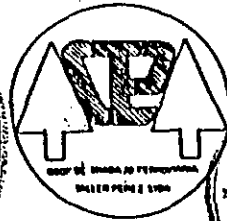
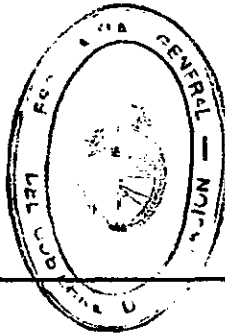
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Anexo Técnico N°1
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ANEXO

25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

26 - GANCHOS CENTRALES:

- 26 -1: Desarmar ganchos.-
- 26 -2: Limpiar y arenar ganchos.-
- 26 -3: Inspeccionar fisuras y rosca.-
- 26 -4: Rellenado y normalizado.-
- 26 -5: Maquinado.-
- 26 -6: Armado-Montado.-

27 - A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspección de rosca, chavetas y fisuras.-
- 27 - 3: Reparación y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLPES:

- 28 -1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATOS:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 -1: Desarmar, limpiar y armar.-
- 30 -2: Controlar en banco de prueba.-

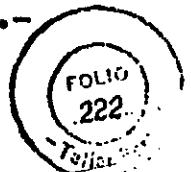
31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Desconec. Gen. Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen. Aux.
- 31-1-6: Controlar alabes de turbina sopladora.-

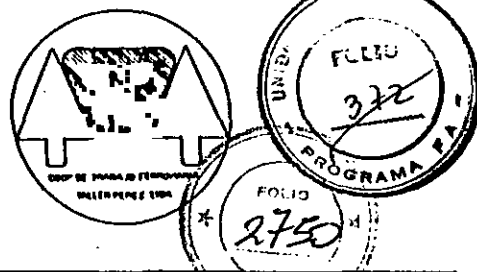
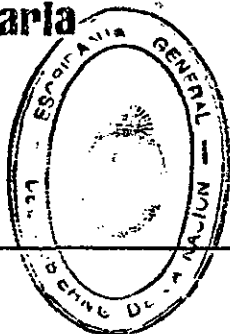
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Anexo Técnico N°1
Locs. G. Motors GT.22.CW

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ANEXO

Proviene de Gen. Auxiliar (Parte Eléct.)

31-1-7: Controlar balanceado turbina.-

31-1-8: " bases de Gen. Aux. (Agujeros bases su-
jeción M/D. Motor eléct. carcaza)
Controlar manchón de acople.-

31-1-9 : Desarmar y lavar gen. auxiliar.-

31-1-10: Controlar eléctricamente carcaza e inducido.-

31-1-11: Revisión de rodamientos (cambio de grasa).-

31-1-12: Torneear, ranurar y biselar colector.-

31-1-13: Normalizar portaescobillas y cambio escobillas.-

31-1-14: Armado Gen. Aux.-

31-1-15: Ensamble de carcaza turbina al G.A.-

31-1-16: Verificar aislación en general.-

31-1-17: Montar en loc.

31-1-18: Con reloj comparador, alinear.-

31-1-19: Acoplar fuelles de ventilación.-

31-1-20: Colocar acople flexible e/cardan y auxiliar.-

31-1-21: Conectar eléctricamente.-

31-1-22: Colocar tapas post. e/M/D. y sala presurizada.-

31 - 2 : Bombas combustible y prelubricación.-

31-2-1 : Desconectar y desmontar bombas.-

31-2-2 : Desarmar bombas.-

31-2-3 : Lavar con solvente.-

31-2-4 : Controlar rodamientos y eje.-

31-2-5 : " bobinados de campos e inducidos.-

31-2-6 : Torneear colector, ranurar y biselar.-

31-2-7 : Cambiar y asentar escobillas, cambiar sellos b/mec.

31-2-8 : Armar y pintar bombas.-

31-2-9 : Controlar funcionamiento , aislación y caudal.-

31-2-10: Montar en locomotora.-

31-2-11: Conectar.-

31 - 3 : MOTORES DE ARRANQUE-

31-3-1 : Desconectar y desmontar.-

31-3-2 : Desarmar y lavar.-

31-3-3 : Control de aislación e/campo y masa de carcaza.-

31-3-4 : Controlar eje estriado.-

31-3-5 : " eléctricamente inducido y campos.-

31-3-6 : Cambio de bujes y control Bendix.-

31-3-7 : Controlar placa conjunto portaescobillas.-

31-3-8 : Torneear, ranurar, biselar colector.-

31-3-9 : Cambio de escobillas.-

31-3-10: Armar, controlar funcionamiento y aislación.-

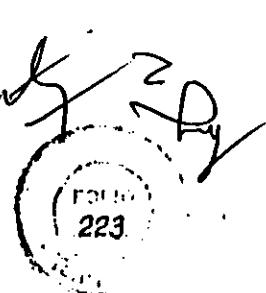
31-3-11: Montar y conectar.-

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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar.
- 31-4-2 : Desarmar.
- 31-4-3 : Controlar resistencia eléctrica.
- 31-4-4 : Desmontar motor eléctrico.
- 31-4-5 : Controlar campos e inducido del motor.
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.
- 31-4-7 : Tornear, biselar y ranurar inducido.
- 31-4-8 : Cambiar escobillas.
- 31-4-9 : Armar motor eléctrico.
- 31-4-10 : " y controlar funcionamiento y aislación.
- 31-4-11 : Montar y conectar en locot.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.
- 31-5-2 : Verificar estado línea y tomar aislación.
- 31-5-3 : Desmontar electroventiladores.
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.
- 31-5-6 : Revisar rodamiento y cambiar grasa.
- 31-5-7 : Controlar bobinado y aislación.
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.

31 - 6 : B A T E R I A S.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.
- 31-6-2 : Montaje y conexión.

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.
- 31-7-2 : Controlar funcionamiento.

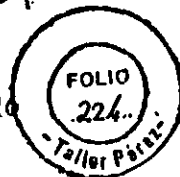
31 - 8 : MOTOR DE TRACCIÓN:

- 31-8-1 : Prueba en marcha verificando ruidos, calentamiento en rodamientos, conmutación etc.
- 31-8-2 : Desmontar inducido de carcasa.
- 31-8-3 : " portaescobillas.
- 31-8-4 : Efectuar limpieza del induc. y carcasa c/métodos adecuados a c/caso.
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.
- 31-8-6 : Controlar bandas.

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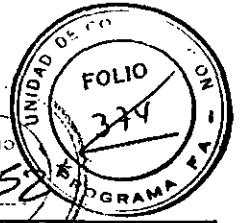
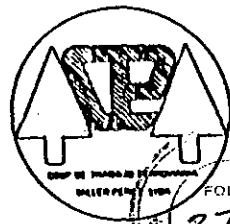
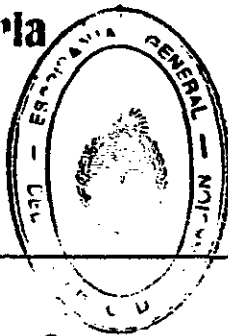
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Anexo Técnico N°1
Locs. G. Motors GT.22.CW

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- 9 -

ANEXO

Proviene de Motor de Tracción/

- 31-8-7 : Controlar ovalización del colector.-
- 31-8-8 : Tornear, biselar y ranurar inducido.-
- 31-8-9 : Controlar dimensiones en carcasa, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12: Rearmado completo, colocación de escobillas nuevas
- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

31 - 9 : MOTOR SOPLADOR DE FILTROS INERCIALES:

- 31-9-1 : Inspecc. visual de funcionamiento y control de rodamiento.-
- 31-9-2 : Ensayo de aislación.-

31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:

- 31-10-1: Inspecc. visual de funcionam. y conexiones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
- 31-10-2: Inspección visual de funcionamiento y conexiones de todos los relevadores en gral.-
- 31-10-3: Inspecc. visual de funcionam. y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
- 31-10-4: Inspección visual de todas las resistencias y reostatos.-
- 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadores, etc.)
- 31-10-6: Inspecc. visual de coneccionado panel RCF, SBP. y TRP. panel sensor y de patinaje WSC).-
- 31-10-7: Desconectar y desmontar reg. carga de batería.-
- 31-10-7-1: Control de ajuste en banco de prueba.-
- 31-10-7-2: Montaje y conexión sobre locomotora.

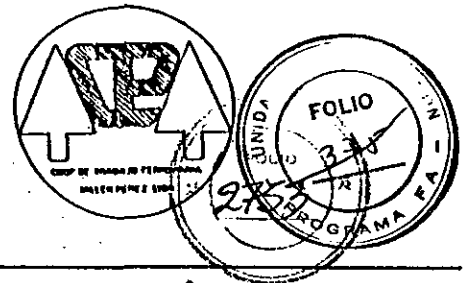
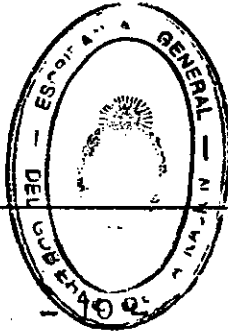
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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

ANEXO

.../////////(Cont.)

31 - 11 - REGULADOR DE CARGA L.R.;

31-11-1 : Inspecc. de funcionam. superf. de contacto,
valor ohms, escobillas y conexiones.-

31 - 12 : ALTERNADOR ARLO - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext. rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext. rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob. en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada;

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías;

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros;

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores;

32-4-1 : Reparar integralmente.-

33 - BOGIES:

33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-



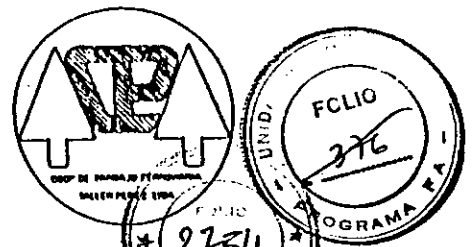
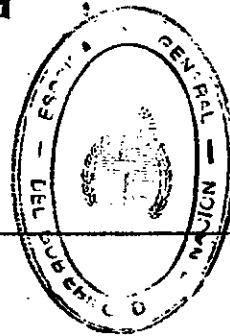
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Anexo Técnico N°1
Loot. G. Motors GT. 22. CW

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ANEXO

Proviene de Bogies/

- 33 - 2 : Control estanqueidad y funcionamiento del equipo de freno en bogie. Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 : Desmontaje timonería de freno y ejes.-
- 33 - 4 : Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 : Cajas punta de eje: revisión y engrase total, desmontaje, control y montaje de rodamientos.-
- 33 - 6 : Reemplazo de colizas del pedestal.-
- 33 - 7 : Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descritas por el fabric. serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 : Controlar suspensión de nariz de Mot. de Tracc. controlar estado de los topes en el bogie (en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 : Controlar el bastidor y viga "Bolster" con tintas penetrantes, soldaduras, de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long. los trabajos se considerarán eventuales.-
- 33 - 10 : Controlar posibles desgastes en el pendular de suspensión, fijación al bastidor, apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm. se normalizarán p/soldadura. (de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos, las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 : Control de jgos. de palancas, colizad., pernos correderas regulad. de freno, portazapatas, etc.- Encasquillado de la timonería de freno con total reemplazo de bujes, pernos, chavetas.-
- 33 - 12 : Control de amortiguadores-Reemplazo de bujes de goma.-

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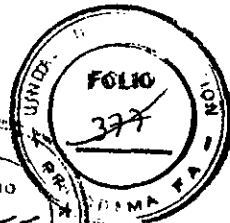
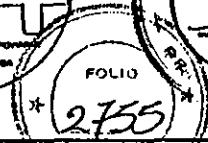
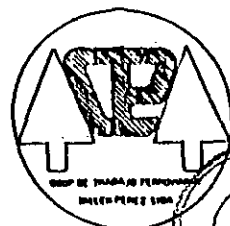
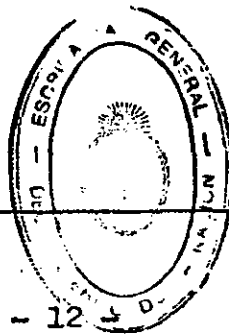
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Anexo Técnico N°1
Loct. GM. GT. 22. CW.

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- 12 -

ANEXO

- 33 - 13: Limpieza y control dimensional de cajas cubre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador. Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-acople de cardan al M/D. y alineación

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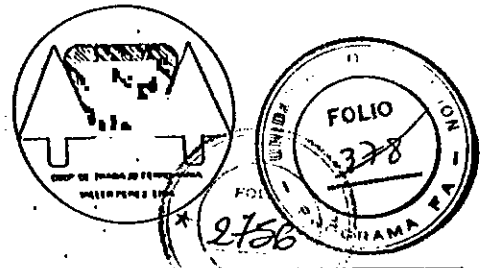
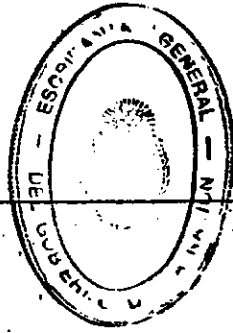
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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

ANEXO

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- 13 -

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conec. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-
- 36 - : PUESTA EN MARCHA:-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loct.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

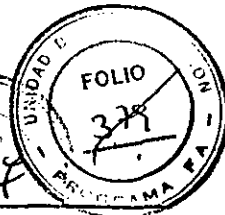
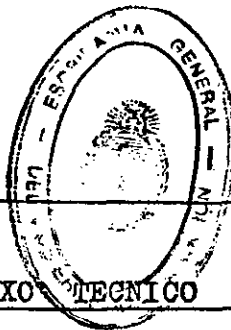
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FOLIO 375

ANEXO TECNICO N°2

ANEXO

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO \$ TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca capucón	12N°.-	8,33 :
.0129.0/	Elemento de filtro.-	24N°.-	34,56 :
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42 :
9006667000.0/	" retén de aceite.-	1N°.-	5,90 :
9006664000.0/	Guarnición.-	1N°.-	0,81 :
9006747000.0/	" anular.-	1N°.-	0,65 :
9006722000.0/	Guarnición.-	1N°.-	4,15 :
9006407000.0/	" de la tapa.-	1N°.-	12,32 :
9006587000.0/	Diafragma.-	1N°.-	10,89 :
9002817000.0/	Aro.-	2N°.-	0,99 :
9006618000.0/	"	1N°.-	0,55 :
9002793000.0/	"	4N°.-	2,20 :
9131505000.0/	Sello.-	1N°.-	9,50 :
8.888.90.1.989.0/	"	1N°.-	1,81 :
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02 :
.0403.0/	Sello de aceite.-	1N°.-	14,29 :
9006599000.0/	Guarnición.-	1N°.-	2,03 :
0.08.3.09.1229.0/	"	1N°.-	1,16 :
9006713000.0/	"	1N°.-	1,77 :
9006704000.0/	Sello anular.-	1N°.-	5,32 :
9006688000.0/	" "	1N°.-	4,36 :
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50 :
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83 :
.02.0479.0/	" " juntas p/oilindros.-	12N°.-	255,84 :
.0629.0/	Junta para lubricación.-	24N°.-	2,83 :
9131487000.0/	Elemento filtrante.-	7N°.-	270,62 :
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89 :
.0711.0/	Filtro blindado.-	2N°.-	29,82 :
.1443.0/	Sello.-	1N°.-	39,19 :
.0645.0/	Junta de vaso.-	2N°.-	0,87 :
.0735.0/	Aro "O".-	2N°.-	0,85 :
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93 :
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76 :
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63 :
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54 :
9131197000.0/	Junta.-	2N°.-	11,16 :
9062580000.0/	"	2N°.-	3,20 :
9131171000.0/	Junta para codo.-	2N°.-	14,96 :
9131540000.0/	Junta para brida.-	2N°.-	3,19 :
9062880000.0/	" " "	2N°.-	6,16 :
9131197000.0/	Junta.-	1N°.-	2,79 :
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26 :
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64 :
.1163.0/	" " " p/colador.-	1N°.-	24,37 :
.1409.0/	Filtro turbo grande.-	1N°.-	25,71 :

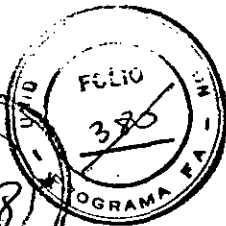
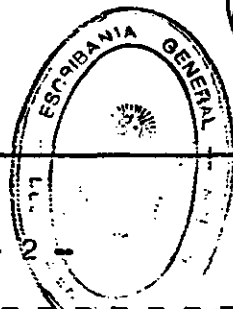
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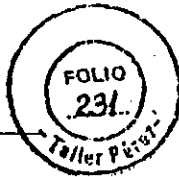


Anexo Técnico N°2
Mat. Neo. Rep. Básica
Equiv. N° 3°.-

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo.de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	1 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo.reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " " válv.N°8.-	1 N°.-	8.-
.1424.0/	" " " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "0".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " " "0".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	"	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "0".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " "	1 N°.-	0,23
.2601.0/	Aro "0" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "0".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "0".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "0".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	"	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo.juntas e/cab.y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo.de aros STD.-	12 N°.-	2.711,76
.08.0051.0/	Jgo.de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P.y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	" " " A/P.	1 N°.	34,58

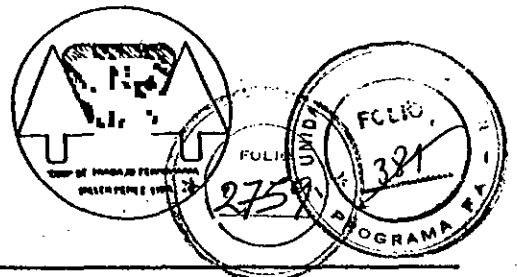
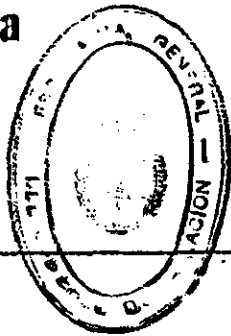
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Anexo Técnico N°2
Mat. Nec. Rep. Básica
Equiv. N° 3º.-

- 3 -

ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.5.01.0487.0/	Juntas.-	2 N°.-	6,30
.0489.0/	"	2 N°.-	3,74
.0535.0/	"	2 N°.-	30,38
.0531.0/	"	1 N°.-	14,59
9061512000.0/	Juntas tapa lateral.-	2 N°.-	7,43
9061522000.0/	Junta.-	10 N°.-	21,45
9061529000.0/	"	2 N°.-	2,23
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 N°.-	4,95
9061521000.0/	Junta.-	3 N°.-	2,34
0.08.5.01.0065.0/	Retén.-	2 N°.-	22,05
9131019000.0/	Silemblock.-	20 N°.-	281,16
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 N°.-	297,36
.0173.0/	" p/sello.-	24 N°.-	1.167,44
.0175.0/	Sello retén.-	24 N°.-	133,81
9130436000.0/	Buje.-	10 N°.-	43,62
9064002000.0/	"	16 N°.-	103,95
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 N°.-	209,20
.0921.0/	Buje.-	4 N°.-	20,61
.0923.0/	"	12 N°.-	79,23
.0927.0/	"	4 N°.-	17,83
.0931.0/	"	4 N°.-	17,91
.0935.0/	Perno.-	8 N°.-	194,73
.0973.0/	Perno c/ rosca hembra.-	8 N°.-	135,92
.0975.0/	" " " "	8 N°.-	135,92
.1017.0/	Perno.-	2 N°.-	50,97
.1019.0/	"	2 N°.-	52,41
9000362000.0/	Zapata fundida.-	12 N°.-	256,30
0.08.1.01.1211.0/	Buje:-	24 N°.-	138,57
.1213.0/	"	32 N°.-	159,94
.1217.0/	Perno p/traba.-	8 N°.-	421,47
.1265.0/	Perno.-	16 N°.-	359,91
.1291.0/	"	4 N°.-	133.-
.1295.0/	Perno.-	2 N°.-	40,87
.1317.0/	"	16 N°.-	294,42
.1411.0/	Guardapolvo.-	6 N°.-	96,94
.1413.0/	Abrazadera p/guardapolvo.	6 N°.-	21,85
.1497.0/	Sello fieltro.-	24 N°.-	67,20
.1508.0/	" protector.-	6 N°.-	192.-
.1509.0/	Retén.-	6 N°.-	153,57
.1517.0/	" de sello.-	6 N°.-	170,50
9006247000.0/	Empaquetadura taza p/pistón.-	8 N°.-	144,64
9019989000.0/	Conjunto guía pedestal.-	24 N°.-	2.592,33
0.08.7.01.1345.0/	Escobilla AR.10.-	4 N°.-	45,13
.1351.0/	" D.14.-	4 N°.-	29,34
9131615000.0/	" E.44.-	8 N°.-	78,29
0.08.7.21.0041.0/	Buje l/ colector.-	2 N°.-	5,89
9131694000.0/	Buje p/ carcasa guía.-	2 N°.-	2,67
9131695000.0/	" " espaciadora.-	2 N°.-	4,18
0.08.7.21.0091.0/	Escobilla c/ terminal.-	24 N°.-	71,29

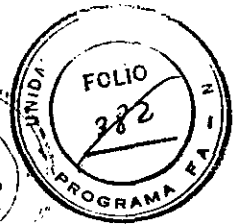
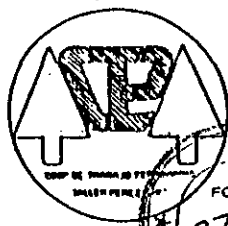
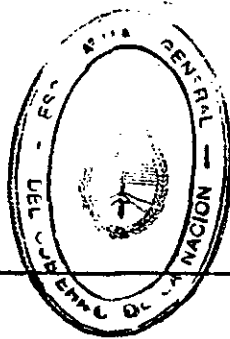
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Cooperativa de Trabajo Ferroviaria Taller Perez Ltda.

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Anexo Técnico N°2
Mat.Neo.Rep.Básica
Num.3°.-

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N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	Escobilla.-	4N°.-	15,61
.08.0389.0/	" DE.7	48N°.-	743,40
8.343.03.1.555.0/	Esmalte sintético negro.-	28 Lts.	180,60
.105.0/	" " verde.-	35 Lts.	211,75
.220.0/	" " amarillo.-	12Lts.	108,24
.110.0/	" " rojo.-	12 Lts.	91,44
.115.0/	" " Rojo.-	6 Lts.-	59,46
.999.9/	" " Blanco.-	1 Lt.-	8,46
8.349.10.2.050.0/	Thinner.-	40 Lts.	43,20
8.233.71.3.010.0/	Masilla plástica.-	4Kgs.-	15,40
8.229.54.4.005.0/	Lija al agua.-	20 N°.-	10,80
8.593.99.9.999.0/	Cinta de enmascarar.-	2 N°.-	4,08
8.245.53.4.020.0/	Jabón en polvo.-	2 Kgs.-	3,32
8.247.01.1.001.0/	Estopa.-	12 " i	30,36
.50.1.001.0/	Trapo blanco.-	10 Kgs.-	33,20
8.349.05.1.030.0/	Líquido p/limpieza.-	600Lts.-	378.-
8.397.10.1.130.0/	Aceite turbina YPF.68.-	60Lts.-	111,51
.38.1.115.0/	" YPF.397.-	760Lts.-	1.763,20
.10.1.150.0/	" " 78.-	3 Lts.	7,08
.66.1.100.0/	Grasa.-YPF.96.-	30Kgs.-	21,60
.63.1.114.0/	" " 63.-	15Kgs.-	39,60
.118.0/	" Shell Ciprina.-	1 Kg.-	5,32
8.245.20.8.020.0/	Barniz Ocliptal.-	4 Lts.-	29,40
8.260.19.5.070.0/	Soda Cáustica.-	10Kgs.-	13,90
8.390.05.1.018.0/	Gas-Oil.-	1500Lts.	525.-
8.395.10.2.045.0/	Gas envasad .-	45 Kgs.	44,60
8.260.03.1.020.0/	Acido muriático.-	2 Lts.	2.-
8.233.26.3.010.0/	Silastic.-	1 Kg.	28,58
8.500.01.1.050.0/	Estaño al 50%.-	1 Kg.	23,60
8.395.15.2.006.0/	Acetileno.-	6 Kgs.	66,84
.30.2.006.0/	Oxígeno.-	6 m3.-	15,54
8.081.01.1.016.0/	Alambre cincado.-	3 Kgs.-	6,57
8.575.13.3.019.0/	Pieltro en plancha 3/4".-	3 Kgs.-	23,79

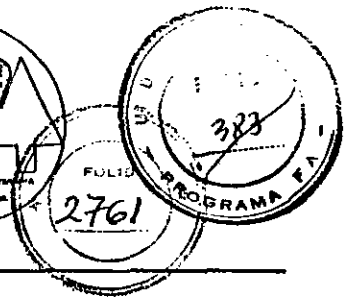
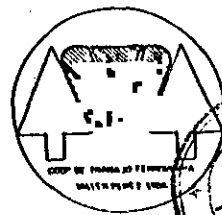
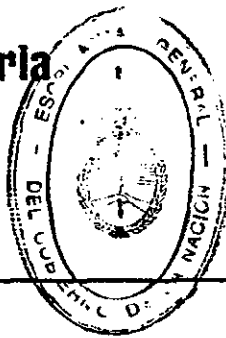
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ANEXO TECNICO Nº 3

ANEXO

TAREAS ADICIONALES DE LOCOMOTORA G.T. 22 C.W. Nº 90924

I - PARTE MECANICA

1 - MOTOR DIESEL

**CANTIDAD A
REPARAR**

- 1-1 Turbo sobrealimentador
- 1-1-1 Desmontaje del M/D
- 1-1-2 Desarme completo
- 1-1-3 Limpieza y/o descarbonización de todos y o/u. de los elementos con productos y sistemas adecuados a cada caso.-
- 1-1-4 Inspección visual, geométrica y/o por magnaflux de todos los elementos.-
- 1-1-5 Control de balanceo dinámico del rotor.-
- 1-1-6 Reemplazo de juego de juntas.-
- 1-1-7 Armado y acondicionamiento para su posterior montaje sobre M/D.-
- 1-1-8 Montaje en M/D.-

1-2 Inyector

12

- 1-2-1 Reemplazo de roscas averiadas.-
- 1-2-2 Reemplazo de elementos bombeantes.-
- 1-2-3 Reemplazo de toberas.-
- 1-2-4 Reemplazo de tuercas del inyector.-

1-3 Balancines

36

- 1-3-1 Reemplazo de bujes

1-4 Manchón acople generador auxiliar

- 1-4-1 Reemplazo de silémblock

8

1-5 Protector cardan G/AIX

1

- 1-5-1 Fabricación y colocación

1-6 TUBERIAS Y ELEMENTOS DE SISTEMA NEUMATICO

- 1-6-1 Reemplazar caños alimentación motores L/V

8

- 1-6-2 Reparación de grifos reguladores L/V

5

- 1-6-3 Colocación de mangas aire comprimido

6

- 1-6-4 Reemplazo de mangas areneras

4

1/2

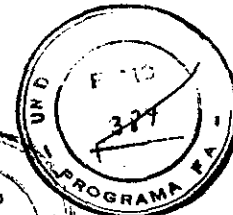
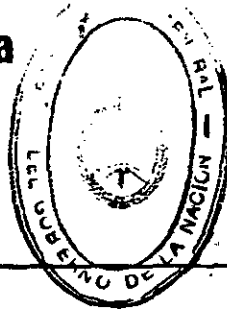
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Anexo Técnico No 3-
Tareas Adicionales de Locos
G.T. 22 C.W. NA 9092.-

- 2 -

ANEXO

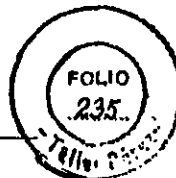
**CANTIDAD A
REPARAR.**

- | | | |
|--|--|---------|
| 1-7 | - <u>Apabato freno de mano</u> | 1 |
| 1-7-1 | - Reparación integral | |
| II - PARTE ELECTRICA.- | | |
| 2 - CIRCUITOS EN GENERAL Y AUXILIARES | | |
| 2-1 | - Desmontar, cambiar, montar y conectar interruptor campo generador ppal.- | 1 |
| 2-2 | - Desconectar alternador y tomar aislación rama 1-4 de M/T.- | 1 |
| 2-3 | - Reparar cableado en resistencia de faros trasera | 1 |
| 2-4 | - Montar, conectar caja de llaves, resist. y motores descongeladores.- | 6 o/u.- |
| 2-5 | - Montar y conectar calentador eléctrico | 1 |
| 2-6 | - Montar y conectar equipo luz instrumento | 4 |
| 2-7 | - Montar palanca inversora | 1 |
| 2-8 | - Montar y conectar instrumento, generador de pulsos y cables conexión velocímetro.- | 1 o/u.- |
| 2-9 | - Montar y conectar campana de alarma | 1 |
| 2-10 | - Desmontar, montar y conectar rectificador (Gabinete AC.1 -AC.2) | 1 |
| 2-11 | - Desmontar farolas traseras, cambiar burlete faros, montar y conectar .- | 2 |
| 2-12 | - Reemplazar manga de conexión en termos TA-TB-ETS | 3 |
| 2-13 | - Montar y conectar pulsador arenero | 1 |
| 3 - BASTIDOR Y CARROCERIA.- | | |
| 3-1 | - Reemplazar parabrisas frontal fijo del.y trasero | 4 |
| 3-2 | - Colocación de espejos retrovisores | 1 |
| 3-3 | - Colocación de vicerias de ventanas | 2 |
| 3-4 | - Reparación de asientos giratorios y respaldo | 2 |
| 3-5 | - Colocación de apoya brazos | 2 |
| 3-6 | - Colocación de parasol | 4 |
| 3-7 | - Colocación de ventanas deslizando | 3 |
| 3-8 | - Colocación de vidrio de ventana | 2 |
| 3-9 | - Colocación de asiento rebatible | 1 |
| 3-10 | - Reparación de puerta acceso sala de freno | 1 |
| 3-11 | - Reparación de puerta sala de máquinas | 6 |
| 3-12 | - Reparación de tabiques divisorios sala presurizada | 3 |
| 3-13 | - Fabricación y montaje de protectores volante M/D | 2 |
| 3-14 | - Colocación de gato girar M/D | 1 |
| 3-15 | - Reemplazar vidrios luces numeración | 2 |

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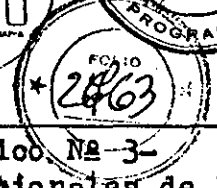
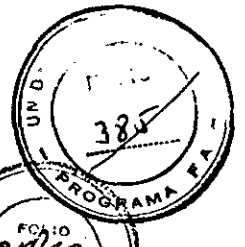
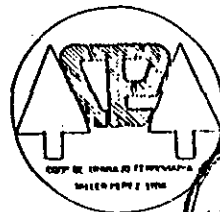
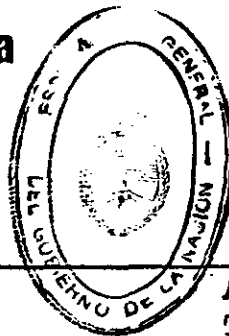
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Anexo Técnico N° 3-
Tareas Adicionales de Loc.
G.T. 22 G.W. N° 9092

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ANEXO

CANTIDAD A
REPARAR

Parte Bastidor y Carroceria

3-16	- Reparación de puertas capot s/máquinas	4
3-17	- Colocación de cerradura a puerta gabinete eléctrico.-	1
3-18	- Colocación de traba soporte manga aire comprimido	8
3-19	- Reparación de miriflaques	2
3-20	- Reparación de puertas de caja baterías	2
3-21	- Colocación de tapas de combustible	2
3-22	- Colocación de nivel tanque combustible	1

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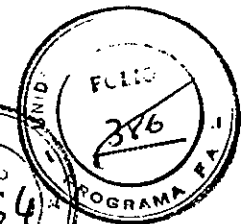
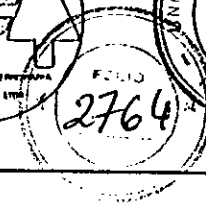
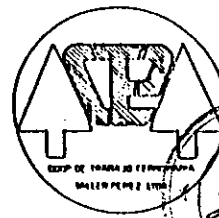
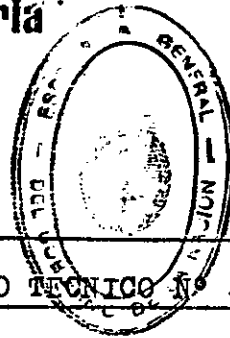
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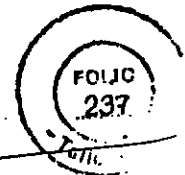
ANEXO TECNICO N° 4

MATERIALES ADICIONALES LOCT. GT. 22 CW. N° 9092

N.U.M.	DESCRIPCION	ANEXO	CANT.	PRECIO
0.08.3.05.0435:0	Guarnición		1	1,37
0465:0	Junta p/sello cojinete		1	1,69
0559:0	" del conducto		1	4,50
0665:0	" entre carcaza y cojinete		1	1,72
0673:0	" del soporte		1	+ 8,36
0767:0	" p/aro de engranaje		1	2,00
2019:0	Juego juntas p/sobrealimentador		1	174,10
3.06:0147:0	Juego repar. inyectores		12	914,28
02.0655:0	Buje balancín		36	265,99
913.1019.000:0	Silemblock		8	112,46
0.08.9.03.0615:0	Protector cardan G.Auxiliar		1	22,78
901:0419:000:0	Cadena freno de mano		1	70,25
901.0423.000:0	Eslabón para unión		1	7,45
0.08.9.01.0545:0	Resorte p/tensión de cadena		1	46,94
900.4404:000:0	Retén p/piñón		2	10,26
0371:000:0	Buje		1	18,45
4398:000:0	Buje		1	14,23
4401:000:0	Buje		2	11,39
913:0041:000:0	Tubo 1/4"		4 Mt.	7,28
913:1354:000:0	Conector 1/4"		2	1,86
913:0081:000:0	Conector 1/4"		10	8,66
913.1372.000:0	Codo 90° NPT. 1/4"		4	6,32
0.08:5.06.1258:0	Unión NPT. 1/4"		2	1,45
913.1221:000:0	Manga aire a L/V.		2	10,50
0.08.1:01:9999:0	Manga arenera		6 Mt.	79,32
5:03:0011:0	Manga A/C.		6	97,23
5.05.3615:0	Válvula p/entrada aire		4	3,44
3623:0	Resorte		4	6,82
3645:0	Diafragma goma p/vástago		4	4,84
3647:0	Anillo goma asiento válvula		4	3,24
3629:0	Perilla de ajuste		4	13,73
0.08.2.02.2351:0	Parabrisa frontal fijo del. y Trasero		4	120,00
901:3001:000:0	Espejo retrovisor		1	173,45
913.0949.000:0	Visera de ventana		2	66,42
0.08.2.02.2963:0	Recubrimiento cuero p/asiento		2	77,08
3001:0	Recubrimiento cuero p/respaldo		2	65,10
3131:0	Apoyabrazo		2	164,12
3351:0	Parasol		4	205,03
2006:0	Ventana deslizante		3	981,88
2043:0	Vidrio para ventana		3	90,00
3091:0	Asiento rebatible		1	86,96
0.08.3:04:1043:0	Gato giro M/D.		1	1.166,77
2:02.9999:0	Vidrio numeración		2	60,00
3.06.0827:0	Tapa tanque combustible		2	517,72
1025:0	Nivel tanque combustible		1	27,55
5.06.1233:0	Brazo L/V.		3	284,22

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- Hoja N° 2 -

ANEXO TECNICO N° 4
MATERIALES ADIC. LOCT.GT 22 OW. N°909

N.U.M.	DESCRIPCION	CANT.	PRECIO
0.08.5.06.1234:0	Brazo L/V.	2	189,48
1236:0	Brazo L/V.	1	94,74
913.1130.000:0	Burlete puerta sala presurizada	5 Mt.	12,38
0.08.2.02.1101:0	Burlete puerta chica	3 Mt.	13,34
900.4771.000:0	Canjeador y soporte	2	240,00
0.08.6.02.0303:0	Termómetro temperatura agua	1	46,66
906.4579.000:0	Conducto ventil. flex. (fuelle)	6	554,95
0.08.5.06.1276:0	Bocina	2	1.352,35
913.0534.000:0	Cerradura puerta capot	4	225,56
0.08.6.09.1393:0	Cafio p/manga conexión	5	31,25
8.655.22.1.450:0	Rodamiento L/piñón	2 N°	2.502,00
23.1.452:0	Rodamiento L/colector	3 N°	2.850,00
0.08.6.09.5999:0	Interruptor campo generador	1 N°	307,58
0.08.7.17.0009:0	Descongeladores	6 N°	228,00
9999:0	Caja de llaves y resist. descong.	6 N°	208,43
8.01.0795:0	Calentador eléctrico	1 N°	16,06
H.913.1261.000:0	Equipo luz instrumento	4 N°	32,87
H.913.1289.000:0	Lámpara	1 N°	2,67
0.08.6.01.0433:0	Palanca inversora	1 N°	20,71
H.901.9596.000:0	Motor del velocímetro	1 N°	371,70
H.901.9524.000:0	Instrumento velocímetro	1 N°	9.366,84
H.901.9609.000:0	Cables conexión velocímetro	2 N°	84,25
H.901.9611.000:0	Generador pulsos velocímetro	1 N°	2.230,20
H.900.5731.000:0	Campana de alarma	1 N°	85,81
H.913.1824.000:0	Burlete de faros	2 N°	6,37
0.08.8.03.0147:0	Baterias	8 N°	4.670,00
0.08.7.08.0741:0	Grampa colgante	2 N°	30,33
H.913.0958.000:0	Perillas	2 N°	3,44
8.532.02.4.385:0	Lámpara iluminación	11 N°	22,00
0.08.9.06.0275:0	Extractor de impurezas	1 N°	25,45
7.08.0293:0	Portaescobillas	2 N°	494,31
0.08.6.03.0129:0	Pulsador arenero	1 N°	113,94
0.08.7.08.0185:0	Tapa sup:	2 N°	181,18
0197:0	Tapa inf:	1 N°	31,68
0193:0	Tapa inf. larga	2 N°	170,88
H.913.0968.000:0	Perilla	1 N°	1,95

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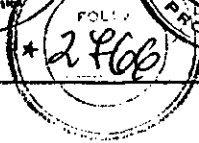
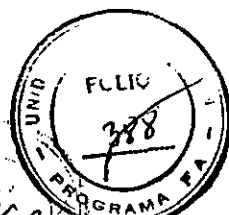
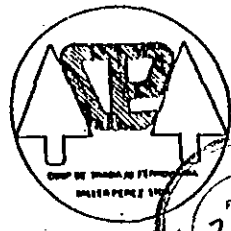
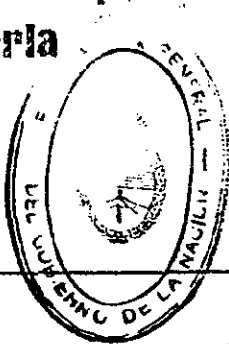


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ANEXO TECNICO N°1

ANEXO

LOCOMOTORAS GENERAL MOTORS G.T.22.C.W.

DETALLES DE TAREAS BASICAS EQUIVALENTE A REPARACION NUMERAL 3°

- 1 - Inspección de la locomotora.-
- 2 - Lavado de la unidad con método adecuado para su ingreso al desarme.-
- 3 - Desacople de bogies ; sacado de cobertura de sala de máquinas y tanque de combustible.-
- 4 - DESMONTAJE:
 - 4 - 1: Desacoplar balancines, puentes de válvulas, trinquete, inyectores, caños de combustible, lubricación, etc. para desmontar conjuntos de fuerza.-
 - 4 - 2: Desmontar conjunto de fuerza.-
 - 4 - 3: Desmontaje gobernador de velocidad del M/D.
 - 4 - 4: " bombas de agua.-
 - 4 - 5: " garganta del turbo.-
 - 4 - 6: " detect. de B/Pre. agua y pres. posit. cárter.-
 - 4 - 7: Desmontaje compresor y cardan de acople al M/D.
 - 4 - 8: " equipo neumático (válv. de freno, Dep. de aire, limpiaparabrisas, bocinas, etc.)
 - 4 - 9: Desmontar rejilla-persianas y radiadores.-
 - 4 - 10: " el pos-enfriador.-
 - 4 - 11: " intercambiador de calor.-
 - 4 - 12: " rejilla protectora, filtros inerciales, filtro de aire del turbo, filtros aceites y combustible, vasos visores y sus cabezas.-
 - 4 - 13: Desmontar aparatos de tracción y choque.-
 - 4 - 14: " instrum. de control (manómetros y vacuómetros)
 - 4 - 15: " Gen. Aux. y ventilad. de M/D.
 - 4 - 16: " Motores bba. de comb. y lubric. del turbo.-
 - 4 - 17: " calefact., desempañadores, motores de arranque y motor ventilad. del radiador.-
 - 4 - 18: Desmontar baterías de acumuladores.-
 - 4 - 19: " válv. electromagnética (arenero y Hombre/muerto.-)
- 5 - : Limpieza general de carrocería, bastidor, cabina y gabinete eléctrico, con métodos adecuados a o/caso.-
- 6 - : Inspección de bases de anclaje, roscas y soportes de los elementos retirados para asegurar su montaje.-
- 7 - : Inspección visual de cañerías, uniones flexibles y grampa de los circuitos de aire, agua, aceite y combustible.-
- 8 - : Inspección de cañerías, cajas, portalámparas, cables de alta y baja en sala de máquinas y Bastidor.-

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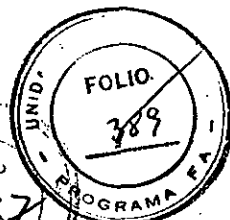
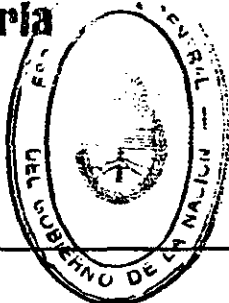
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Anexo Técnico N°1
Locs. G/M.GT.22.CW.

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9 - MOTOR DIESEL:

ANEXO

9 - 1: Reemplazo de los silemblocks de la puntera del cigüeñal.-

9 - 2: Inspección de muñones de biela, asientos de cabeza de cilindro en block y arboles de leva.-

9 - 3: INYECTORES:

9-3-1: Desarmar y limpiar inyectores.-

9-3-2: Inspeccionar elementos bombeantes.-

9-3-3: Rectificar aguja y asentar a tobera.-

9-3-4: Controlar funcionamiento cremalleras.-

9-3-5: Reemplazar elementos filtrantes y juntas.-

9-3-6: Armar y controlar en banco de pruebas.-

9 - 4: BALANCINES:

9-4-1: Desarmar y limpiar.-

9-4-2: Controlar bujes, pernos y caños lubricación.-

9-4-3: Armar.-

9 - 5: PUNTES DE VALVULAS:

9-5-1: Desarmar y limpiar.-

9-5-2: Inspeccionar elementos.-

9-5-3: Armar botadores y controlar en banco de pruebas.-

9-5-4: Enclavar en puentes.-

9 - 6: TRINQUETES, CODOS ENTRADA Y SALIDA DE AGUA, BRAZOS COMANDO CREMALLERAS Y CAÑOS ALIMENTACION COMBUSTIBLE.-

9-6-1: Limpiar y controlar.-

9-6-2: Reparar asientos, cambiar juntas etc.-

9 - 7: DESCOMPRIMIDORES:

9-7-1: Limpiar.-

9-7-2: Asentar aguja.-

9-7-3: Armar.-

9 - 8: CAÑOS ENFRIAMIENTO DE PISTON:

9-8-1: Limpiar y controlar por Magnaflux.-

9 - 9: CONJUNTOS DE FUERZA:

9-9-1: Desmontar culata de cilindro.-

9-9-2: " biela y pistón.-

9-9-3: Limpiar y descarbonizar.-

9-9-4: Controlar en Magnaflux bielas, pistón y cilindros.-

9-9-5: " alineación de bielas.-

9-9-6: " dimensional de canasta de biela, cilindro y pistón.-

9-9-7: Bruñir cilindros.-

9-9-8: Desarmar cabezas de cilindros.-

9-9-9: Descarbonizar y lavar.-

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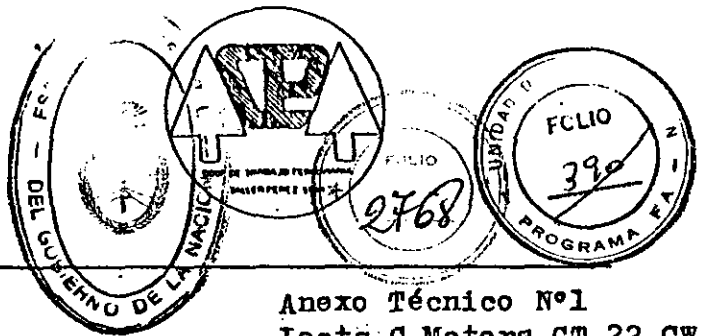
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Anexo Técnico N°1
Locs. G. Motors GT. 22. CW

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Proviene de Con.de Fuerza/

ANEXO

- 9-9-10 : Controlar huelgo e/válv. y guías.-
- 9-9-11 : Rectificar válv. y asientos.-
- 9-9-12 : Armar cabeza de cilindro.-
- 9-9-13 : " conjunto biela y pistón.-
- 9-9-14 : " " de fuerza.-
- 9-9-15 : Efectuar prueba hidráulica.-

9 - 10 : REGULADOR M/D.-:

- 9-10-1 : Desarmar y limpiar.-
- 9-10-2 : Inspeccionar elementos.-
- 9-10-3 : Reemplazar diafragmas y juntas.-
- 9-10-4 : Armar y controlar en banco de pruebas.-

9 - 11 : BOMBA DE AGUA:

- 9-11-1 : Desarmar y limpiar.-
- 9-11-2 : Inspeccionar elementos.-
- 9-11-3 : Cambiar sello.-
- 9-11-4 : Armar y probar caudal.-

9 - 12 : GARGANTA DE TURBO:

- 9-12-1 : Descarbonizar y limpiar.-
- 9-12-2 : Inspeccionar en Magnaflux.-

9 - 13 : DETECTOR DE F/POSITIVA Y B/F.ACEITE:

- 9-13-1 : Desarmar y limpiar.-
- 9-13-2 : Inspeccionar elementos.-
- 9-13-3 : Reemplazar diafragmas y juntas.-
- 9-13-4 : Armar y controlar en banco de pruebas.-

9 - 14 : INSPECTION (AQ):

- 9-14-1 : Desarmar y limpiar.-
- 9-14-2 : Inspeccionar elementos.-
- 9-14-3 : Armar y ensayar en banco de pruebas.-

9 - 15 : VALVULA ALIVIO P/ACEITE:

- 9-15-1 : Desarmar y limpiar.-
- 9-15-2 : Inspeccionar elementos.-
- 9-15-3 : Armar, calibrar y controlar funcionamiento

9 - 16 : VALVULA 10 Y 60 LBS.:

- 9-16-1 : Desarmar y limpiar.-
- 9-16-2 : Controlar elementos.-
- 9-16-3 : Armar y efectuar prueba.-

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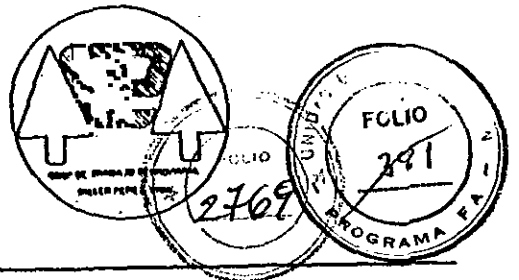
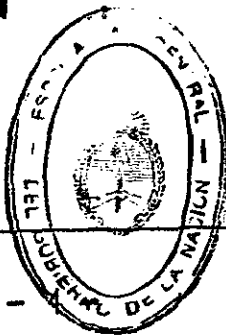
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Anexo Técnico N°1
Locs. G. Motors GT. 22.0W

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ANEXO

9 - 17: TANQUE DE COMBUSTIBLE:

- 9-17-1: Lavado exterior e interior.-
- 9-17-2: Efectuar prueba neumática.-
- 9-17-3: Acondicionar vidrios niveles.-
- 9-17-4: Pintar.-

10 - COMPRESOR EXHAUSTOR:

- 10 - 1: Lavado previo al desarme.-
- 10 - 2: Desarme integral del compresor.-
- 10 - 3: Limpieza de todos sus componentes.-
- 10 - 4: Desmontar rodamientos.-
- 10 - 5: Inspección por Magnaflux de cigüeñal y bielas.-
- 10 - 6: Rectificado de cigüeñal.-
- 10 - 7: " " cilindros.-
- 10 - 8: Control alineación de bielas.-
- 10 - 9: Inspección de rodamientos.-
- 10 - 10: Reparación integral bomba de aceite.-
- 10 - 11: Desarme y rep. válv. admisión y escape.-
- 10 - 12: " y limpieza y reparac. del radiad. compresor.-
- 10 - 13: Reemplazo de juntas, retenes, etc.-
- 10 - 14: Armado.-
- 10 - 15: Ensayo en banco de pruebas.-
- 10 - 16: Pintura.-

11 - : CARDAN COMPRESOR:

- 11 - 1: Rellenar y maquinar alojamientos silemblocks.-
- 11 - 2: Controlar alineación y balanceo.-

12 - VALVULA FRENOS:

- 12 - 1: Desarmar y limpiar.-
- 12 - 2: Inspeccionar elementos.-
- 12 - 3: Cambiar aros "O", juntas y diafragmas.-
- 12 - 4: Armar y probar.-

13 - LIMPIA PARABRISAS, BOCINAS Y OPER. DE PERSIANAS:

- 13 - 1: Desarmar, limpiar y armar.-
- 13 - 2: Probar funcionamiento.-

14 - DEPOSITOS AIRE:

- 14 - 1: Limpiar y efectuar prueba neumática.-

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Anexo Técnico N°1
Locs.G.Motors GT.22.CW

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ANEXO

15 - REJILLA RADIADORES:

15 - 1: Limpiar e inspeccionar.-

16 - PERSIANAS:

16-1: Desarmar y limpiar.-

16-2: Inspeccionar.-

16-3: Armar.-

17 - RADIADORES:

17 - 1: Desarmar y limpiar.-

17 - 2: Baquetear.-

17 - 3: Realizar prueba hidráulica.-

17 - 4: Inspeccionar.-

17 - 5: Armar, y realizar prueba hidráulica.-

17 - 6: Peinar.-

18 - INTERCAMBIADOR DE CALOR:

18 - 1: Desarmar y limpiar.-

18 - 2: Inspeccionar.-

18 - 3: Armar y realizar prueba hidráulica.-

19 - POST-ENFRIADOR:

19 - 1: Desarmar y limpiar.-

19 - 2: Inspeccionar.-

19 - 3: Armar y realizar prueba hidráulica.-

20 - REJILLAS^Y PROTECTORES:

20 - 1: Limpiar e inspeccionar.-

20 - 2: Reparar.-

21 - FILTROS INERCIALES:

21 - 1: Limpiar e inspeccionar.-

21 - 2: Controlar manga acople a soplador.-

22 - FILTROS DE ACEITE:

22 - 1: Desarmar y limpiar filtros caja de coladores.-

22 - 2: Cambiar filtros de tambor, pre-lubricación y turbo.-

22 - 3: " juntas.-

23 - CABEZA FILTRO TURBO:

23 - 1: Desarmar y limpiar.-

23 - 2: Inspeccionar elementos.-

23 - 3: Armar y probar.-

24 - CABEZA VASOS VISORES:

24 - 1: Desarmar y limpiar.-

24 - 2: Armar.-

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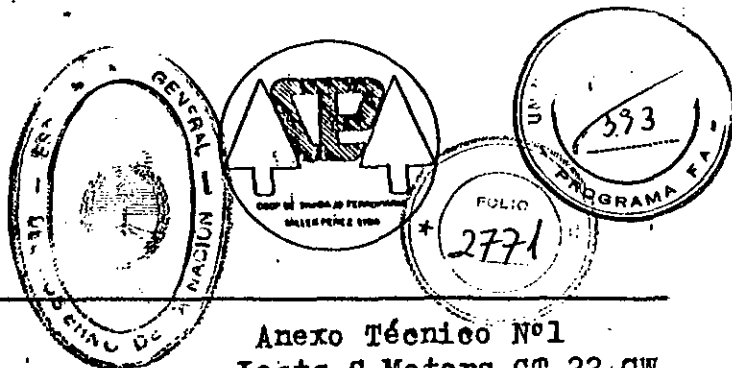
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Anexo Técnico N°1
Locs. G. Motors GT. 22.0W

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ANEXO

25 - FILTROS DE COMBUSTIBLE:

- 25 - 1: Reemplazar los elementos.-
- 25 - 2: Cambiar juntas a tasas y tapas filtro.-
- 25 - 3: Limpiar filtro succión.-

26 - GANCHOS CENTRALES:

- 26 -1: Desarmar ganchos.-
- 26 -2: Limpiar y arenar ganchos.-
- 26 -3: Inspeccionar fisuras y rosca.-
- 26 -4: Rellenado y normalizado.-
- 26 -5: Maquinado.-
- 26 -6: Armado-Montado.-

27 - ENGANCHE A TORNILLO:

- 27 - 1: Limpieza y arenado.-
- 27 - 2: Inspecc. de rosca, chavetas y fisuras.-
- 27 - 3: Reparac. y aceitado.-
- 27 - 4: Armado-montado.-

28 - PARAGOLPES:

- 28 -1: Desmontar placa.-
- 28 - 2: Desarmar y enderezar platillo-s.-
- 28 - 3: Engrasar y armar.-
- 28 - 4: Montar.-

29 - TERMOSTATO-S:

- 29 - 1: Desarmar y lavar.-
- 29 - 2: Inspeccionar elementos.-
- 29 - 3: Armar y controlar.-

30 - INSTRUMENTAL DE CONTROL:

- 30 -1: Desarmar, limpiar y armar.-
- 30 -2: Controlar en banco de prueba.-

31 - PARTE ELECTRICA:

31 - 1: Generador Auxiliar.-

- 31-1-1: Desmontar tapas divisorias e/M/D. y sala presurizada
- 31-1-2: Desconectar y desacoplar fuelles de ventilación.-
- 31-1-3: Desmontar acople flexible e/cardan y Gen. Auxiliar.-
- 31-1-4: Desconec. Gen. Aux.-
- 31-1-5: Desacoplar turbina del Motor Gen. Aux.
- 31-1-6: Controlar alabes de turbina sopladora

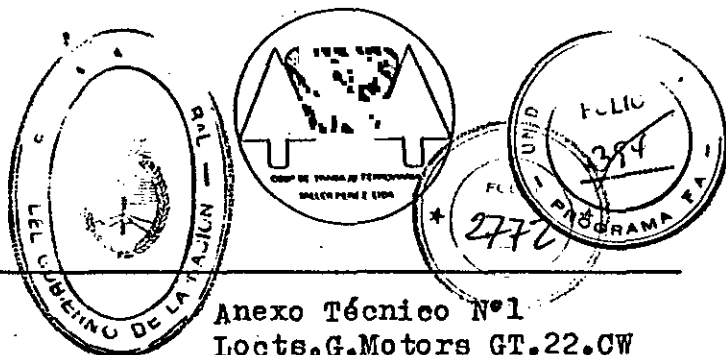
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Anexo Técnico N°1
Locts.G.Motors GT.22.CW

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ANEXO

Proviene de Gen.Auxiliar(Parte Eléct.)

31-1-7:Controlar balanceado turbina.-

31-1-8: " bases de Gen.Aux.(Agujeros bases su-
jeción M/D.Motor eléct.carcaza)
Controlar manchón de acople.-

31-1-9 :Desarmar y lavar gen.auxiliar.-

31-1-10:Controlar eléctricamente carcaza e inducido.-

31-1-11:Revisión de rodamientos(cambio de grasa).-

31-1-12:Tornear,ranurar y biselarcolector.-

31-1-13:Normalizar portaescobillas y cambio escobillas.-

31-1-14:Armado Gen.Aux.-

31-1-15:Ensamble de carcaza turbina al G.A.-

31-1-16:Verificar aislación en general.-

31-1-17:Montar en loct.

31-1-18:Con reloj comparador,alinear.-

31-1-19:Acoplar fuelles de ventilación.-

31-1-20:Colocar acople flexible e/cardan y auxiliar.-

31-1-21:Conectar eléctricamente.-

31-1-22:Colocar tapas post.e/M/D.y sala presurizada.-

31 - 2 :Bombas combustible y prelubricación.-

31-2-1 :Desconectar y desmontar bombas.-

31-2-2 :Desarmar bombas.-

31-2-3 :Lavar con solvente.-

31-2-4 :Controlar rodamientos y eje.-

31-2-5 : " bobinados de campos e inducidos.-

31-2-6 :Tornear colector,ranurar y biselar.-

31-2-7 :Cambiar y asentar escobillas,cambiar sellos b/mec.

31-2-8 :Armar y pintar bombas.-

31-2-9 :Controlar funcionamiento , aislación y caudal.-

31-2-10:Montar en locomotora.-

31-2-11:Conectar.-

31 - 3 :MOTORES DE ARRANQUE-

31-3-1 :Desconectar y desmontar.-

31-3-2 :Desarmar y lavar.-

31-3-3 :Control de aislación e/campo y masa de carcaza.-

31-3-4 :Controlar eje estriado.-

31-3-5 : " eléctricamente inducido y campos.-

31-3-6 :Cambio de bujes y control Bendix.-

31-3-7 :Controlar placa conjunto portaescobillas.-

31-3-8 :Tornear,ranurar,biselar colector.-

31-3-9 :Cambio de escobillas.-

31-3-10:Armar, controlar funcionamiento y aislación.-

31-3-11:Montar y conectar.-

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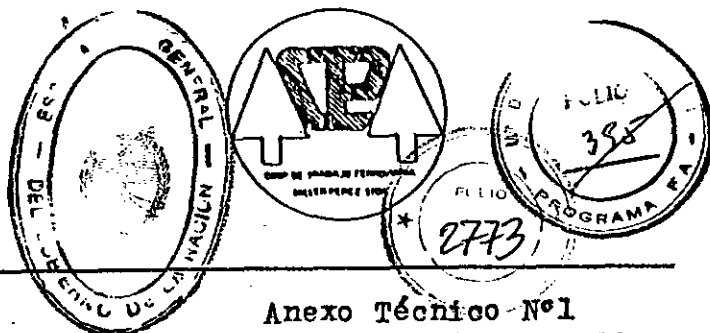
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Anexo Técnico N°1
Locs.G.Motors GT.22.0W

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ANEXO

31 - 4 : CALEFACTOR DE CABINA:

- 31-4-1 : Desconectar.-
- 31-4-2 : Desarmar.-
- 31-4-3 : Controlar resistencia eléctrica.-
- 31-4-4 : Desmontar motor eléctrico.-
- 31-4-5 : Controlar campos e inducido del motor.-
- 31-4-6 : Revisar rodamientos del motor, cambio de grasa.-
- 31-4-7 : Tornear, biselar y ranurar inducido.-
- 31-4-8 : Cambiar escobillas.-
- 31-4-9 : Armar motor eléctrico.-
- 31-4-10 : " y controlar funcionamiento y aislación.-
- 31-4-11 : Montar y conectar en loct.

31 - 5 : ELECTROVENTILADORES -

- 31-5-1 : Desconectar electroventiladores.-
- 31-5-2 : Verificar estado línea y tomar aislación.-
- 31-5-3 : Desmontar electroventiladores.-
- 31-5-4 : Desarmar electrov.
- 31-5-5 : Limpieza de todos sus elementos con sist. adecuado a c/caso.-
- 31-5-6 : Revisar rodamiento y cambiar grasa.-
- 31-5-7 : Controlar bobinado y aislación.-
- 31-5-8 : Armar y pintar electrov.
- 31-5-9 : Lavar y pintar alojamiento electrov.
- 31-5-10 : Montar electrov. y conectar.-

31 - 6 : B A T E R I A S.-

- 31-6-1 : Control visual, completado de electrolito y carga de las mismas.-
- 31-6-2 : Montaje y conexión.-

31 - 7 : VALVULAS ELECTROMAGNETICAS:

- 31-7-1 : Desarmar, limpiar y armar.-
- 31-7-2 : Controlar funcionamiento.-

31 - 8 : MOTOR DE TRACCIÓN:

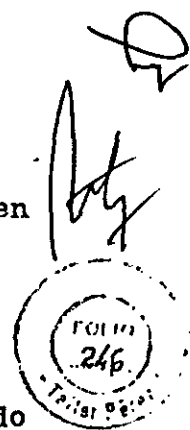
- 31-8-1 : Prueba en marcha verificando, ruidos, calentamiento en rodamientos, conmutación etc.-
- 31-8-2 : Desmontar inducido de carcasa.-
- 31-8-3 : " portaescobillas.-
- 31-8-4 : Efectuar limpieza del induc. y carcasa o métodos adecuados a c/caso.-
- 31-8-5 : Ensayo de aislación y rigidez dieléctrica a inducido y carcasa.-
- 31-8-6 : Controlar bandas.-

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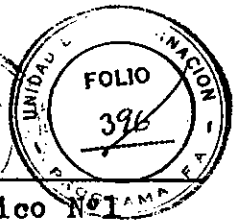
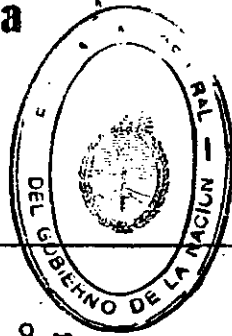
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Anexo Técnico N° 1
Locs. G. Motors GT. 22. CW

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Proviene de Motor de Tracción/

ANEXO

- 31-8-7 : Controlar ovalización del colector.-
- 31-8-8 : Tornear, biselar y ranurar inducido.-
- 31-8-9 : Controlar dimensiones en carcaza, escudos, tapas.-
- 31-8-10: Normalizar nariz suspensión, cambio de colizas.-
- 31-8-11: Limpiar y ajustar componentes de portaescobillas.-
- 31-8-12: Rearmado completo, colocación de escobillas nuevas

- 31-8-13: Prueba de marcha controlando ruidos, calentamientos, conmutación y patina del colector.-
- 31-8-14: Ensayo de aislación y rigidez dieléctrica.-
- 31-8-15: Pintado y acondicionamiento de la unidad para su montaje.-

31 - 9 : MOTOR SOPLADOR DE FILTROS INERCIALES:

- 31-9-1 : Inspecc. visual de funcionamiento y control de rodamiento.-
- 31-9-2 : Ensayo de aislación.-

31 - 10: ELEMENTOS GABINETE ELECTRICO Y TORRE DE MANDO:

- 31-10-1: Inspecc. visual de funcionam. y conecciones de todos los interruptores y fusibles del tablero ppal. y torre de mando.-
- 31-10-2: Inspección visual de funcionamiento y conecciones de todos los relevadores en gral.-
- 31-10-3: Inspecc. visual de funcionam. y conecc. de todos los contactores, control de las yemas de contactos de AC.1- AC.2 - RVF., FSA., y S.P.-
- 31-10-4: Inspección visual de todas las resistencias y reostatos.-
- 31-10-5: Inspección visual y funcionamiento de instrumental eléctrico y circuitos de alarma (campana, luces indicadoras, etc.)
- 31-10-6: Inspecc. visual de coneccionado panel ROP, SBP. y TRP. (panel sensor y de patinaje WSC).-
- 31-10-7: Desconectar y desmontar reg. carga de batería.-
- 31-10-7-1: Control de ajuste en banco de prueba.-
- 31-10-7-2: Montaje y conexión sobre locomotora.-

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TRAINMET

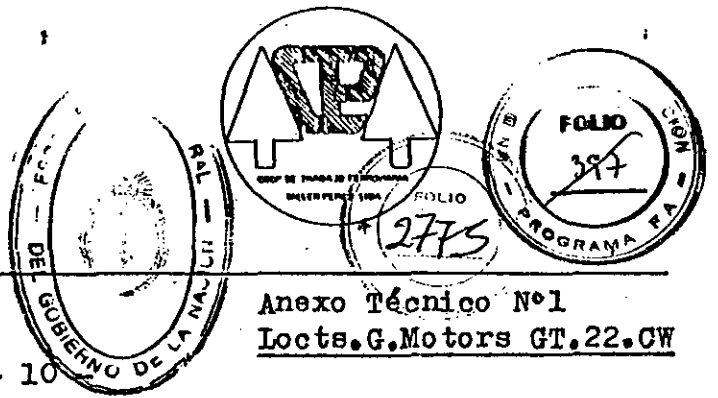
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.../////////(Cont.)

- 10

31 - 11 - REGULADOR DE CARGA L.R.:

31-11-1 : Inspecc. de funcionam. superf. de contacto,
valor ohms, escobillas y conexiones.-

31 - 12 : ALTERNADOR ARLO - D.14:

31-12-1 : Desmontar tapas de inspección.-

31-12-2 : Efectuar limpieza interior, exterior y bandeja
del alternador.-

31-12-3 : Controlar fusibles detectores diodos quemados.-

31-12-4 : Desconectar cableado y sacar tapa seguro de anillos rozantes.-

31-12-5 : Desmontar portaescobillas y conjunto anillo rozante.-

31-12-6 : Desmontar tapa ext. rodamiento para analizar grasa.-

31-12-7 : Completar grasa y montar tapa ext. rodamiento.-

31-12-8 : Montar conjunto anillo rozante y portaescobillas.-

31-12-9 : Colocar tapa seguro anillo rozante.-

31-12-10 : Conectar cableado y alinear portaescob. en anillos rozantes.-

31-12-11 : Montar tapas de inspección.-

32 - : CARROCERIA:

32 - 1 : Cabina conducción y sala presurizada:

32-1-1 : Reparación de cerraduras.-

32-1-2 : Cambio burletes.-

32-1-3 : Inspección de accionamiento ventanas.-

32-1-4 : Reemplazar espejos retrovisores.

32 - 2 : Caja de baterías:

32-2-1 : Rasqueteado, limpieza y pintado.-

32 - 3 : Areneros:

32-3-1 : Inspección estado general.-

32-3-2 : Alineación eyector arena.-

32 - 4 : Canjeadores:

32-4-1 : Reparar integralmente.-

33 - BOGIES:

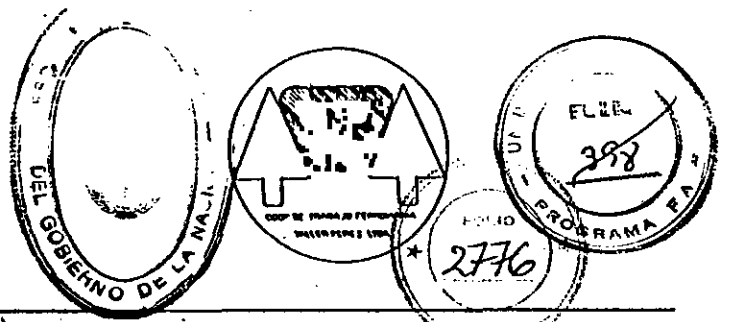
33 - 1 : Lavado general con agua a presión, rasqueteado para eliminar incrustaciones.-

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Anexo Técnico N°1
Loot.G.Motors GT.22.0W

.../////////(Cont.)

- 11 -

ANEXO

Proviene de Bogies/

- 33 - 2 :Control estanqueidad y funcionamiento del equipo de freno en bogie. Control de cilindros y cañerías de freno sobre el bogie.-
- 33 - 3 :Desmontaje timonería de freno y ejes.-
- 33 - 4 :Controlar desgaste en el centro de bogie de la viga oscilante y sus guías en el bogie según manual del fabricante.-
- 33 - 5 :Cajas punta de eje:revisión y engrase total,desmontaje,control y montaje de rodamientos.-
- 33 - 6 :Reemplazo de colizas del pedestal.-
- 33 - 7 :Controlar desgastes en placas de centro de bogie (aquellas que no cumplan con las dimensiones descriptas por el fabric.serán reemplazadas por elementos nuevos, los que serán considerados como repuestos eventuales).-
- 33 - 8 :Controlar suspensión de nariz de Mot.de Tracc: controlar estado de los topes en el bogie(en caso de tener que ejecutar reparaciones y/ o reemplazo de algún elemento se considerará eventual).-
- 33 - 9 :Controlar el bastidor y viga "Bolster" con tintas penetrantes,soldaduras,de fisuras menores que no comprometa la integridad de la estructura. La sumatoria de longitudes de todas las fisuras no deberá exceder de 50cms. de superar esta long.los trabajos se considerarán eventuales.-
- 33 - 10 :Controlar posibles desgastes en el pendular de suspensión, fijación al bastidor,apoyo elástico y hamaca. En casos de presentar desgastes inferiores a 2mm.se normalizarán p/soldadura.(de presentar desgastes superiores que hagan necesaria la reparación y/o reemplazo de elementos,las tareas y repuestos serán consideradas eventuales.-
- 33 - 11 :Control de jgos.de palancas,colizad.,pernos correderas regulad. de freno,portazapatas,etc.-Encasquillado de la timonería de freno con total reemplazo de bujes,pernos,chavetas.-
- 33 - 12:Control de amortiguadores-Reemplazo de bujes de goma.-

- 11/12FRAINMET

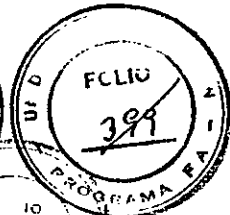
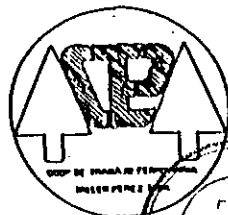
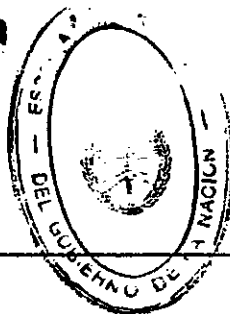
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Anexo Técnico N°1
Loct. CM. GT.22.CW.

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- 12 -

ANEXO

- 33 - 13: Limpieza y control dimensional de cajas cubre corona y piñón de motores de tracción. Sustitución de retenes y fieltro.-
- 33 - 14: Control barras suspensión, verificando estado de los extremos de apoyo y silletas de vinculación a las cajas de punta de eje.- Inspección visual de los elásticos helicoidales, control dimensional y pruebas.-
Control visual al estado de los apoyos elásticos en la viga y bastidor (en caso de encontrarse deterioros mayores se reemplazarán por nuevas, considerándose esta reposición como repuesto eventual).-
- 33 - 15: Montaje de la timonería de freno.-
- 33 - 16: Prueba de estanqueidad de la cañería de freno y funcionamiento del equipo de freno en bogie.-
- 33 - 17: Regulac. del vástago del cil. de freno, utilizando zapatas de freno que serán provistas nuevas en su totalidad.-
- 33 - 18: Torneado ó reperfilado de ruedas. Control de eje por ultrasonido. Control dimensional y de la superficie del eje en las zonas de los cojinetes de motor de tracción y de punta de eje, control de desgaste de corona e inspección visual de distanciadores.-
- 33 - 19: Reparación básica de los motores de tracción.-
- 33 - 20: Montaje de los pares montados en motores de tracción.-
- 33 - 21: Montaje de los motores de tracción.-
- 33 - 22: Pintado general.-
- 34 - MONTAJE.-
- 34 - 1: Completar montaje de todos los elementos eléctricos retirados p/su reparación y/o control.-
- 34 - 2: Montaje de cab. de filtros, filtros, vasos visores, rejillas protect. de filtros etc.-
- 34 - 3: Montaje intercambiador de calor, pos-enfriador. Radiadores, persianas y rejillas.-
- 34 - 4: Montaje del equipo neumático desmont. (válv. de freno depósito de aire, limpiaparabrisas, bocinas etc.-
- 34 - 5: Montaje del compresor-acoplamiento del cardan al M/D. y alineación

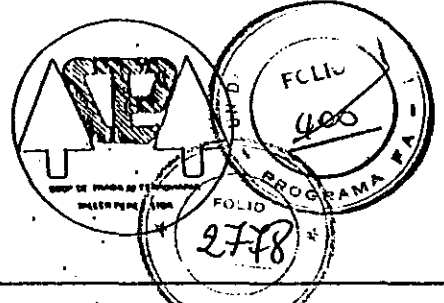
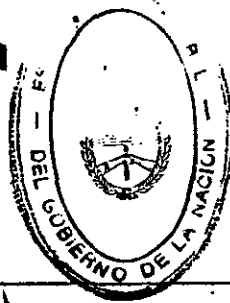
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ENCARGADO



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Anexo Técnico N°1
Locs. G/M, GT. 22. CW.

...//////////

- 13 -

ANEXO

- 34 - 6: Montar garganta del turbo, Bomba de agua y gob. de velocidad.-
- 34 - 7: Montaje de los conjuntos de fuerza, montaje de los elementos integrantes del M/D. (Balancines, puentes de válvulas, inyectores, etc.-
- 34 - 8: Completar montaje y conexión de los demás elementos mecánicos retirados para su reparación y/o control.-
- 34 - 9: Montaje de la cubierta de sala de máquinas.-
- 34 - 10 : Colocación y conecc. tanque de combustible.-
- 35 - Montar locomotora sobre su bogie:
- 35 - 1 : Coneccionado de Motor^{es} de tracción y partes mecánicas.-
- 36 - : PUESTA EN MARCHA.-
- 36 - 1 : Completar niveles de agua, aceite y combustible.-
- 36 - 2 : Control de pérdidas y estanqueidades.-
- 36 - 3 : " de los circuitos de lubricación, refrigeración y combustible.-
- 36 - 4 : Testeo de los circuitos generadores y de control eléctrico.-
- 37 - : Conectado y control de la locomotora en la Planta de Potencia.-
- 38 - : Prueba de rodaje, tracción y circuitos de patinaje.-
- 39 - : Viaje de Prueba en Línea.-
- 40 - : Limpieza final externa e interna para su pintado.-
- 41 - : Masillar, pulir y pintar integralmente la loct.
- 42 - : Inspección final y acondicionado de la unidad para su entrega.-

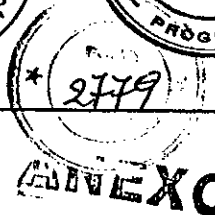
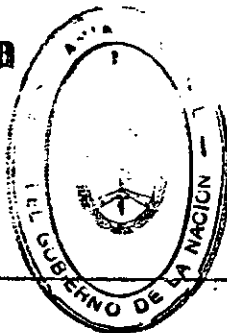
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ANEXO TECNICO N°2

MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca capuchon	12N°.-	8,33
.0129.0/	Elemento de filtro.-	24N°.-	34,56
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42
9006667000.0/	" retén de aceite.-	1N°.-	5,90
9006664000.0/	Guarnición.-	1N°.-	0,81
9006747000.0/	" anular.-	1N°.-	0,65
9006722000.0/	Guarnición.-	1N°.-	4,15
9006407000.0/	" de la tapa.-	1N°.-	12,32
9006587000.0/	Diafragma.-	1N°.-	10,89
9002817000.0/	Aro.-	2N°.-	0,99
9006618000.0/	"	1N°.-	0,55
9002793000.0/	"	4N°.-	2,20
9131505000.0/	Sello.-	1N°.-	9,50
8.888.90.1.989.0/	"	1N°.-	1,81
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02
.0403.0/	Sello de aceite.-	1N°.-	14,29
9006599000.0/	Guarnición.-	1N°.-	2,03
0.08.3.09.1229.0/	"	1N°.-	1,16
9006713000.0/	"	1N°.-	1,77
9006704000.0/	Sello anular.-	1N°.-	5,32
9006688000.0/	" "	1N°.-	4,36
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84
.0629.0/	Junta para lubricación.-	24N°.-	2,83
9131487000.0/	Elemento filtrante.-	7N°.-	270,62
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89
.0711.0/	Filtro blindado.-	2N°.-	29,82
.1443.0/	Sello.-	1N°.-	39,19
.0645.0/	Junta de vaso.-	2N°.-	0,87
.0735.0/	Aro "O".-	2N°.-	0,85
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54
9131197000.0/	Junta.-	2N°.-	11,16
9062580000.0/	"	2N°.-	3,20
9131171000.0/	Junta para codo.-	2N°.-	14,96
9131540000.0/	Junta para brida.-	2N°.-	3,19
9062880000.0/	" " "	2N°.-	6,16
9131197000.0/	Junta.-	1N°.-	2,79
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64
.1163.0/	" " " p/colador.-	1N°.-	24,37
.1409.0/	Filtro turbo grande.-	1N°.-	25,71

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Anexo Técnico N°2
Mat. Neo. Rep. Básica
Equiv. N° 3°

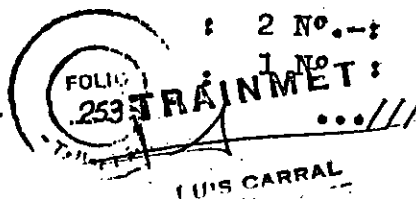
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ANEXO

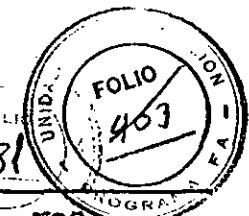
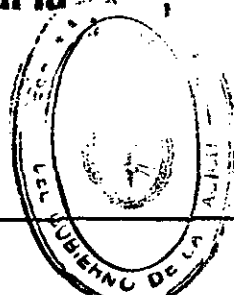
N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,72
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo. de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	2 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo. reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " " válv. N° 8.-	1 N°.-	8.-
.1424.0/	" " " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "0".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " " "0".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	"	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "0".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " "	1 N°.-	0,23
.2601.0/	Aro "0" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "0".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "0".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "0".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	"	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo. juntas e/cab. y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo. de aros STD.-	12 N°.-	2.711,76
.08.0051.0/	Jgo. de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P. y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	" " " A/P.	1 N°.-	34,58

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Anexo Técnico N°2
Mat.Nec.Rep.Básica
Equiv.N° 30.-

ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.5.01.0487.0/	Juntas.-	2 N°.-	6,30
.0489.0/	"	2 N°.-	3,74
.0535.0/	"	2 N°.-	30,38
.0531.0/	"	1 N°.-	14,59
9061512000.0/	Juntas tapa lateral.-	2 N°.-	7,43
9061522000.0/	Junta.-	10 N°.-	21,45
9061529000.0/	"	2 N°.-	2,23
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 N°.-	4,95
9061521000.0/	Junta.-	3 N°.-	2,34
0.08.5.01.0065.0/	Retén.-	2 N°.-	22,05
9131019000.0/	Silemblock.-	20 N°.-	281,16
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 N°.-	297,36
.0173.0/	" p/sello.-	24 N°.-	1.167,44
.0175.0/	Sello retén.-	24 N°.-	133,81
9130436000.0/	Buje.-	10 N°.-	43,62
9064002000.0/	"	16 N°.-	103,95
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 N°.-	209,20
.0921.0/	Buje.-	4 N°.-	20,61
.0923.0/	"	12 N°.-	79,23
.0927.0/	"	4 N°.-	17,83
.0931.0/	"	4 N°.-	17,91
.0935.0/	Perno.-	8 N°.-	194,73
.0973.0/	Perno c/ rosca hembra.-	8 N°.-	135,92
.0975.0/	" " " "	8 N°.-	135,92
.1017.0/	Perno.-	2 N°.-	50,97
.1019.0/	"	2 N°.-	52,41
9000362000.0/	Zapata fundida.-	12 N°.-	256,30
0.08.1.01.1211.0/	Buje.-	24 N°.-	138,57
.1213.0/	"	32 N°.-	159,94
.1217.0/	Perno p/traba.-	8 N°.-	421,47
.1265.0/	Perno.-	16 N°.-	359,91
.1291.0/	"	4 N°.-	133.-
.1295.0/	Perno.-	2 N°.-	40,87
.1317.0/	"	16 N°.-	294,42
.1411.0/	Guardapolvo.-	6 N°.-	96,94
.1413.0/	Abrazadera p/guardapolvo.-	6 N°.-	21,85
.1497.0/	Sello fieltro.-	24 N°.-	67,20
.1508.0/	" protector.-	6 N°.-	192.-
.1509.0/	Retén.-	6 N°.-	153,57
.1517.0/	" de sello.-	6 N°.-	170,50
9006247000.0/	Empaquetadura taza p/pistón.-	8 N°.-	144,64
9019989000.0/	Conjunto guía pedestal.-	24 N°.-	2.592,33
0.08.7.01.1345.0/	Escobilla AR.10.-	4 N°.-	45,13
.1351.0/	" D.14.-	4 N°.-	29,34
9131615000.0/	" E.44.-	8 N°.-	78,29
0.08.7.21.0041.0/	Buje I/ colector.-	2 N°.-	5,89
9131694000.0/	Buje p/ carcaza guía.-	2 N°.-	2,67
9131695000.0/	" " " espaciadora.-	2 N°.-	4,18
0.08.7.21.0091.0/	Escobilla c/terminal.-	24 N°.-	71,29

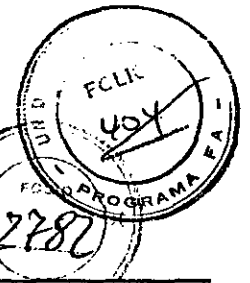
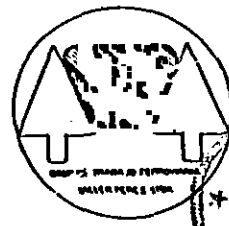
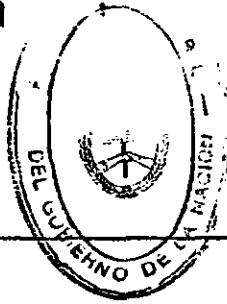
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Anexo Técnico N°2
Mat. Neo. Rep. Básica
Num. 3°.-

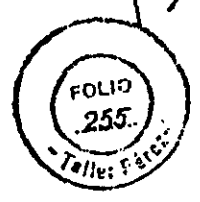
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ANEXO

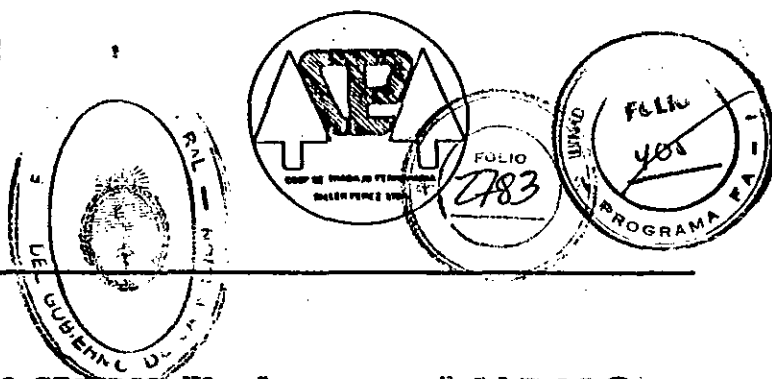
N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.7.12.0089.0/	:Escobilla.-	: 4N°.-	: 15,61
.08.0389.0/	: " DE.7	: 48N°.-	: 743,40
8.343.03.1.555.0/	:Esmalte sintético negro.-	: 28 Lts.:	: 180,60
.105.0/	: " " verde.-	: 35 Lts.:	: 211,75
.220.0/	: " " amarillo.-	: 12Lts.:	: 108,24
.110.0/	: " " rojo.-	: 12 Lts.:	: 91,44
.115.0/	: " " Rojo.-	: 6 Lts.-:	: 59,46
.999.9/	: " " Blanco.-	: 1 Lt.-:	: 8,46
8.349.10.2.050.0/	:Thinner.-	: 40 Lts.:	: 43,20
8.233.71.3.010.0/	:Masilla plástica.-	: 4Kgs.-:	: 15,40
8.229.54.4.005.0/	:Lija al agua.-	: 20 N°.-:	: 10,80
8.593.99.9.999.0/	:Cinta de enmascarar.-	: 2 N°.-:	: 4,08
8.245.53.4.020.0/	:Jabón en polvo.-	: 2 Kgs.-:	: 3,32
8.247.01.1.001.0/	:Estopa.-	:12 :-:	: 30,36
.50.1.001.0/	:Trapo blanco.-	:10 Kgs.-:	: 33,20
8.349.05.1.030.0/	:Líquido p/limpieza.-	:600Lts.-:	: 378.-
8.397.10.1.130.0/	:Aceite turbina YPF,68.-	: 60Lts.-:	: 111,51
.38.1.115.0/	: " YPF.397.-	: 760Lts.:	:1.763,20
.10.1.150.0/	: " " 78.-	: 3 Lts.:	: 7,08
.66.1.100.0/	:Grasa.-YPF.96.-	: 30Kgs.-:	: 21,60
.63.1.114.0/	: " " 63.-	:15Kgs.-:	: 39,60
.118.0/	: " Shell Ciprina.-	: 1 Kg.-:	: 5,32
8.245.20.8.020.0/	:Barniz Cliptal.-	: 4 Lts.-:	: 29,40
8.260.19.5.070.0/	:Soda Cáustica.-	: 10Kgs.-:	: 13,90
8.390.05.1.018.0/	:Gas-Oil.-	:1500Lts.:	: 525.-
8.395.10.2.045.0/	:Gas envasad .-	: 45 Kgs.:	: 44,60
8.260.03.1.020.0/	:Acido muriático.-	: 2 Lts.:	: 2.-
8.233.26.3.010.0/	:Silastic.-	: 1 Kg.:	: 28,58
8.500.01.1.050.0/	:Etaño al 50%.-	: 1 Kg.:	: 23,60
8.395.15.2.006.0/	:Acetileno.-	: 6 Kgs.:	: 66,84
.30.2.006.0/	:Oxígeno.-	: 6 m3.-:	: 15,54
8.081.01.1.016.0/	:Alambre cincado.-	: 3 Kgs.-:	: 6,57
8.575.13.3.019.0/	:Fieltro en plancha 3/4".-	: 3 Kgs.-:	: 23,79

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ANEXO TECNICO N° 3

ANEXO

TAREAS ADICIONALES REPARACION LOCT. GENERAL MOTORS GT.22.CW.
N° 9094.-

I -	<u>-PARTE MECANICA-</u>	<u>CANTIDAD A REPARAR.-</u>
1) - <u>Motor Diesel:</u>		
1 - 1:	<u>Inyectores.-</u>	12 N°
1-1-1 :	Reemplazo de roscas averiadas (espigas).-	
1-1-2 :	" " Elementos bombeantes.-	
1-1-3 :	" " toberas.-	
1 - 2:	<u>Balancines:</u>	36 N°
1-2-1 :	Reemplazar bujes.-	
1 - 3 :	<u>Turbo sobrealimentador:</u>	1 N°
1-3-1 :	Desmontaje del M/D.	
1-3-2 :	Desarme completo.-	
1-3-3 :	Limpieza y/o descarboniz. de todos y o/u de los elementos con productos y sistemas adecuados a cada caso.-	
1-3-4 :	Inspección visual, geométrica y/o por magnaflux de todos los elementos.-	
1-3-5 :	Control de balanceo dinámico del rotor.-	
1-3-6 :	Reemplazo de juego de juntas.-	
1-3-7 :	Armado y acondicionamiento para su posterior montaje.-	
1-3-8 :	Montaje en el M/ D.	
1 - 4 :	<u>Conjuntos de fuerza:</u>	12 N°
1-4-1 :	Rectificar camisas de cilindros.-	
1 - 5 :	<u>Manchón acople Generador Auxiliar :</u>	1 N°
1-5-1 :	Desmontaje.-	
1-5-2 :	Reparac. de manchón de acoplamiento.-	
1-5-3 :	Reemplazo de silemblock.-	
1-5-4 :	Montaje del manchón de acople.-	
1 - 6 :	<u>Protector de volante M/D y cardan Gen. Auxiliar :</u>	
1-6-1 :	Fabricación y colocación.-	2 N°
1 - 7 :	<u>Tuberías y elementos del sistema neumático:</u>	
1-7-1 :	Fabricación y colocación de cañerías y mangas a limpia- parabrisas.-	2 N°
1-7-2 :	Colocación de chapa protectora y sujeción de grifos limpiaparabrisas.-	1 N°

-1/2-

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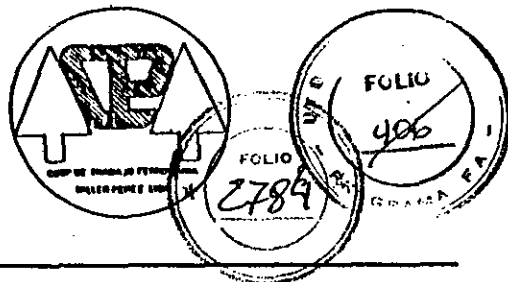
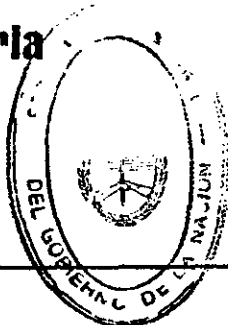
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Anexo Técnico N°3-Tareas
Adicionales-Rep. Ioct. G.M.
G.T.22.O.W.N° 9094.-

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ANEXO CANTIDAD A REPARAR.-

1-7-3 : Colocación trabas manga aire comprimido.-	2 N°
1-7-4 : " mangas areneras.-	4 N°
1-7-5 : " manga de aire a areneros.-	2 N°
1 - 8 : <u>Freno de mano:</u>	1 N°
1-8-1 : Reparación integral.-	
1 - 9 : <u>Recuperador aceite compresor.-</u>	1 N°
1-9-1 : Desmontar, reparar y montar.-	

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II - PARTE ELECTRICA -

2) - Circuito y Equipo Eléctrico:

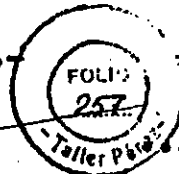
2 - 2: Motor de Tracción:

2-2-1 : Rebobinado de armadura.-	6 N°
2-2-2 : Reemplazar caja soporte y alesar alojamiento cojinetes.-	3 N°
2-2-3 : Desmontar, desarmar y reparar bobinas de campos principales y de conmutación.-	8 N°
2-2- : Cambio aislación completa de campos.-	8 N°

2 - 3 : Circuitos en general y auxiliares :

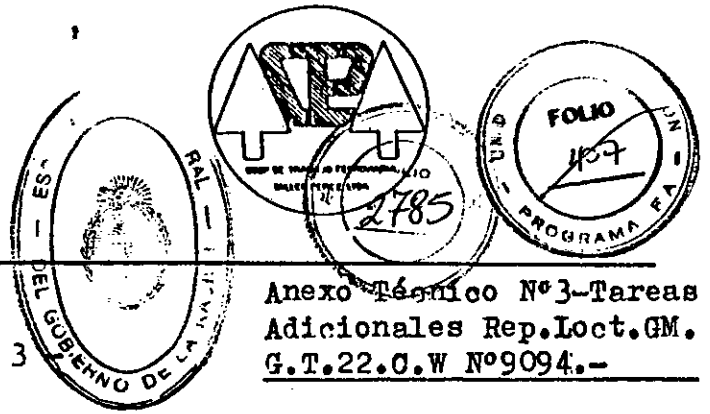
2-3-1 : Desconet. alt. AR10 y controlar aislac. en rama M/T. 2-5.-	
2-3-2 : Colocar y conectar F/Lámparas falt. en luces de numeración y luz clasificación.-	5 N°
2-3-3 : Colocar y conectar caja, llaves y motores descongeladores.-	6 N°
2-3-4 : Colocar y conectar calentador eléctrico.-	1 N°
2-3-5 : " " " equipo luz instrumentos.-	4 N°
2-3-6 : " " " campana de alarma y palanca reversa.-	1 de c/u.
2-3-7 : Colocar generad. de pulsos, cables de conexión velocímetros y motor velocímetro.-	1 de c/u.
2-3-8 : Colocar y conectar Panel IDAC-RELE TDS-RELE WL RELES WS-14-25-36.-	1 de c/u.
2-3-9 : Resistencias RE. 63, 66, 67, 68.-	1 de c/u.
2-3-10 : Colocar y conectar resist. velocímetro.-	1 N°

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ARRAL
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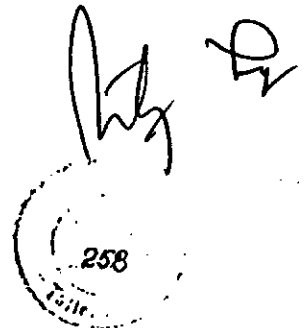
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ANEXO CANTIDAD A REPARAR.-

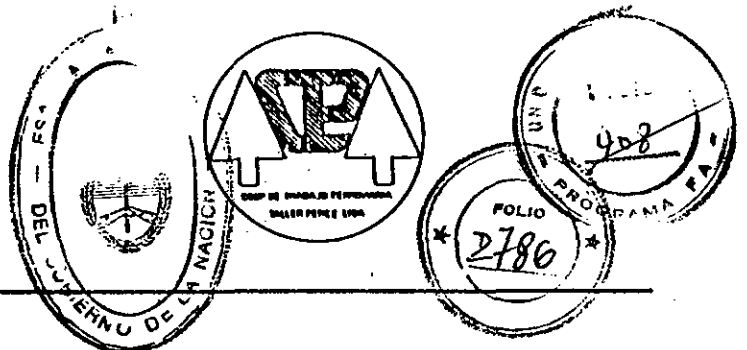
2-3-11	: Desmontar, rep- arar, montar y conectar contactos SF14-SP25-SP36-FS1.-	1 de c/u.
2-3-12	: Colocar burletes faros cabecera.-	4 N°
2-3-13	: Reparar aislación cables M/T.5.-	4 N°
2-3-14	: Rebobinar induc. bomba combustible.-	1 N°
2-3-15	: Recambio rodamientos motor bomba combustible.-	2 N°
3 - 4	: <u>Parte Bastidor y Carrocería:</u>	
3-4-1	: Reemplazar la totalidad de vidrios cabina con - ducción.-	10 N°
3-4-2	: Colocación espejos retrovisores.-	2 N°
3-4-3	: " canjeadores y soportes.-	2 N°
3-4-4	: " asientos rebatibles.-	2 N°
3-4-5	: Reparación de las puertas sala de máquinas.-	2 N°
3-4-6	: Rep.integ de cerrad.de puertas s-ala de máq.	3 N°
3-4-7	: Reparar y montar tapa caja balancines.-	4 N°
3-4-8	: " baranda lat.izquierda.-	1 N°
3-4-9	: Reemplazar burletes en gral.	
3-4-10	: Colocación puertas cajas de baterías.-	2 N°
3-4-11	: " tapa tanque de combustible.-	2 N°
3-4-12	: Desmontar, reparar y montar miriflaques.-	2 N°
3-4-13	: Colocación parasoles.-	4 N°
3-4-14	: Desmontar, re- parar y montar asientos de conduc- tor, pre- conductor y apoyabraz- os.-	2 N°
3-4-15	: Colocar vidrios numeración.-	4 N°

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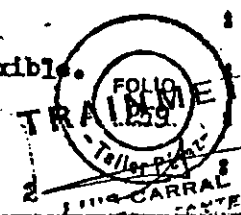


- ANEXO TECNICO Nº 4 -

ANEXO

MATERIALES ADICIONALES IOGT, G.M., G.T. 22 CW, Nº 9094.

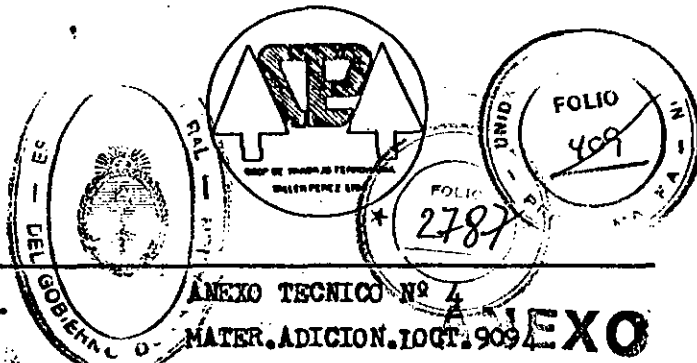
N.U.M.	DESCRIPCION	CANT.	PRECIO \$
0.08.3.06.0147.0/	Juego reparación para inyectores.	12	914,28
.0049.0/	Embolo completo.	12	1.626,28
.02.0655.0/	Buje de balancín.	36	265,99
.05.0435.0/	Guarnición.	1	1,37
.0465.0/	Junta para sello cojinete.	1	1,69
.0559.0/	" del conyucto,	1	4,50
.0665.0/	" entre carcaza y cojinete.	1	1,72
.0673.0/	" del soporte.	1	8,36
.0767.0/	" para aro de engranaje.	1	2,00
.2019.0/	" de juntas para sobrealimentador.	1	174,10
.03.0413.0/	Pistón 030 ^o .	12	9.371,72
913.1019.000.0.	Silemblock.	8	112,46
913.1221.000.0.	Manga para motor I/V.	2	10,50
913.0841.000.0.	Tubo de 1/4".	4 Mts	7,28
913.1354.000.0.	Conector de 1/4".	2	1,86
913.0081.000.0.	" " "	10	8,66
913.1372.000.0.	Codo 90 ^o NPT 1/4".	4	6,32
0.08.5.06.1258.0/	Unión NPT 1/4".	2	1,45
.1.01.9999.0/	Manga para arenero.	6 Mts	79,32
.2013.0/	" alimentación p/trampa de arena.	2	3,14
.2014.0/	" " " " " " " "	2	5,18
901.0419.000.0.	Cadena de freno de mano.	1	70,25
901.0423.000.0.	Eslabón p/unión de cadena.	1	7,45
0.08.9.01.0545.0/	Resorte p/tensión de cadena.	1	46,94
900.4404.000.0.	Retén p/pifón.	2	10,26
900.0371.000.0.	Buje.	1	18,45
900.4398.000.0.	"	1	14,23
900.4401.000.0.	"	2	11,39
0.08.2.02.2527.0/	Vidrio p/puerta.	2	60,00
.2351.0/	" frontal delantero.	2	60,00
.2355.0/	" " fijo.	2	60,00
901.3001.000.0.	Espejo retrovisor.	2	346,90
900.4771.000.0.	Aparato canjeador completo.	2	240,00
0.08.2.02.3091.0/	Asiento rebatible.	1	86,96
.3.06.0827.0/	Tapa p/tanque combustible.	2	517,72
.0867.0/	Filtro p/carga tanque combustible.	2	62,38
.2.02.3351.0/	Parasol.	4	205,03
906.4579.000.0.	Conducto ventilación flexible.	6	554,95
0.08.5.06.1233.0.	Brazo limpia vidrio.	4	378,96
.2.02.3131.0/	Apoya brazo.	2	164,12



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ANEXO TECNICO Nº 4
MATER. ADICION. I.O.G.T. 9094 ANEXO

N.U.M.	DESCRIPCION	CANT.	PRECIO \$
0.08.2.02.2963.0/	Recubrimiento de cuero p/asiento.	2	77,08
3001.0/	" " " p/respaldo.	2	65,10
2043.0/	Vidrio ventana deslizante.	4	120,00
913.1130.000.0.	Burlete p/puerta sala presurizada.	5 Mts	12,38
0.08.3.04/1043.0/	Gate giro M/D.	1	1.166,77
913.0949.000.0.	Visera ventana.	2	66,42
900.3122.0000.0.	Recuperador de aceite.	1	42,75
0.08.6.02.0303.0/	Termómetro temperatura agua.	1	46,66
0103.0/	Manómetro presión aceite M/D.	1	96,77
8.02.0097.0/	Vidrio numeración.	2	60,00
3.04.0979.0/	Arbol acople compresor.	1	2.986,47
2.02.1493.0/	Rejilla sala radiador.	2	43,27
1253.0/	Protector árbol acople compresor.	1	43,18
3.02.0217.0/	Juntas tapa inspección.	24	31,68
2.02.1101.0/	Burlete puerta chica comp.elect.	3 Mts	13,34
8.03.0485.0/	Puerta caja baterías.	2	572,40
913.0534.000.0.	Cerradura.	4	243,86
0.08.3.02.0219.0/	Junta p/tapa de inspección.	24	27,17
913.0855.000.0.	Temacorrente.	1	80,64
0.08.8.02.0605.0/	Receptáculo.	1	26,68
913.0844.000.0.	Vidrio protector.	2	17,04
913.0867.000.0.	Protector alambre.	2	66,33
0.08.7.12.0171.0/	Tapa conexión.	1	7,55
21.0301.0/	Protector-motor arranque.	1	98,93
8.532.02.4.385.0/	Lámpara iluminación.	12	24,00
85.7.050.0/	Unidad sellada.	1	73,50
0.08.8.02.0539.0/	Tulipa luz cabina.	2	50,60
7.17.0009.0/	Descongelador.	6	228,00
9999.0/	Caja de llave y resist.descongelador.	6	208,43
8.01.0795.0/	Calentador eléctrico.	1	16,06
913.1261.000.0.	Equipo luz instrumento.	4	32,87
0.08.6.01.0433.0/	Palanca reversa.	1	20,71
909.5731.000.0.	Campana de alarma.	1	85,81
901.9594.000.0.	Instrumento velocímetro.	1	9.366,84
901.9596.000.0.	Meter de "	1	371,70
901.9609.000.0.	Cable conexión - "	2	84,25
901.9611.000.0.	Generador de pulsos.	1	2.230,20
0.08.6.09.4101.0/	Panel IDAC.	1	5.881,79
07.0121.0/	Relé T D S.	1	593,18
0603.0/	" W L.-	1	156,76
0511.0/	" W S 14.- W S 25 - W S 36.	3	1.332,20

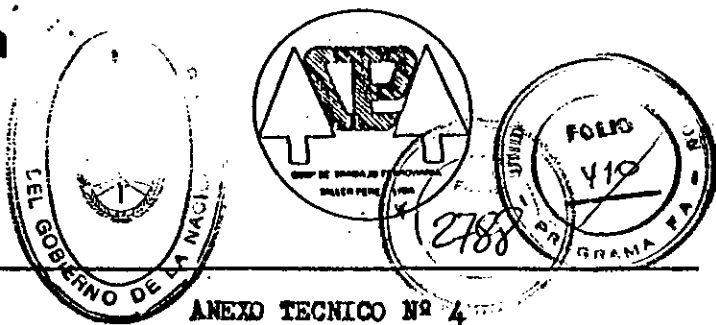


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ANEXO TECNICO Nº 4

MATER. ADICION. IOCT. 9094 **ANEXO**

N.U.M.	DESCRIPCION	CANT.	PRECIO \$
0.08.6.09.3793.0/	Resistencia R E 65.	1	30,61
.3795.0/	" R E 66 - 67 - 68.	3	32,10
.2685.0/	" velocímetro.	1	16,45
913.1824.000.0.	Burlete unidad sellada.	4	12,74
0.08.8.03.0147.0/	Baterías.	8	4.670,00
913.0958.000.0.	Perillas.	3	5,16
913.0466.000.0.	Portalamparas.	4	9,80
906.3904.000.0.	Fusible 150 A.	1	8,50
0.08.6.09.6039.0/	" 800 A.	1	18,30
906.3902.000.0.	" 70 A.	1	2,70
0.08.6.09.6035.0/	" 60 A.	1	2,48
8.655.05.1.414.0.	Rodamiento 6204 ZZ.	2	8,30
0.08.7.08.0741.0/	Grampa colgante M/T.	2	30,33
8.533.08.1.035.0/	Portalamparas.	4	9,80
8.571.40.1.055.0/	Mylar 0,30 mm.	0,100 Kg	0,94
8.500.01.1.050.0/	Estaño 50%.	0,100 Kg	2,36
8.530.84.4.062.0/	Alambre p/bobinar 1 mm ² .	0,600 Kg	5,39
0.08.7.08.0601.0/	Juego de rebobinado.	6	43.200,00
.0039.0/	Tapa soporte cojin. 1/piñón.	2	4.311,89
.0063.0/	" " - " 1/colector.	1	1.838,03
8.655.22.1.450.0/	Rodamiento 1/piñón.	4	5.004,00
.23.1.452.0/	" - 1/colector.	3	2.850,00
8.245.22.3.050.0/	Barniz Dolphs.	60 Lt	462,60
8.561.40.1.060.0/	Mylar 0,35 mm.	0,900 Kg	8,47
.54.1.063.0/	Cinta hilado vidrio.	150 Mt	93,00
8.397.63.1.180.0/	Grasa SHELL ciprina.	5,400 Kg	28,73
8.500.01.1.050.0/	Estaño 50%.	3 Kg	70,80
8.501.30.1.011.0/	Plata p/soldar.	0,200 Kg	17,34

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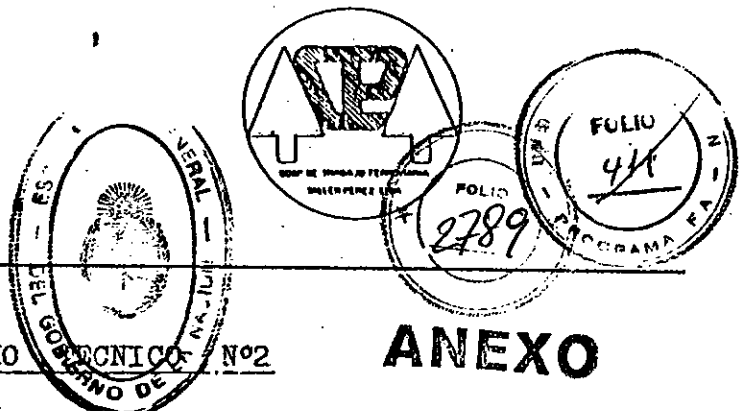
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ANEXO TECNICO N°2

ANEXO

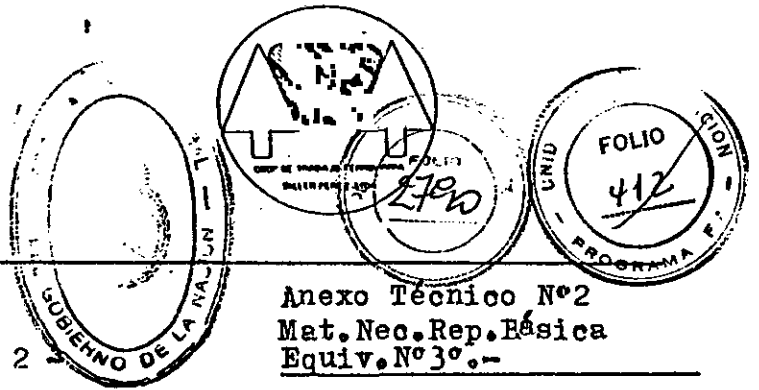
MATERIALES NECESARIOS PARA REPARACION BASICA EQUIVALENTE A N° 3°

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL
0.08.3.06.0073.0/	Aro de empaquet.p/tuerca capuchón	12N°.-	8,33
.0129.0/	Elemento de filtro.-	24N°.-	34,56
9131747000.0/	Junta para tapa filtro.-	24N°.-	5,42
9006667000.0/	" retén de aceite.-	1N°.-	5,90
9006664000.0/	Guarnición.-	1N°.-	0,81
9006747000.0/	" anular.-	1N°.-	0,65
9006722000.0/	Guarnición.-	1N°.-	4,15
9006407000.0/	" de la tapa.-	1N°.-	12,32
9006587000.0/	Diafragma.-	1N°.-	10,89
9002117000.0/	Aro.-	2N°.-	0,99
9006618000.0/	"	1N°.-	0,55
9002793000.0/	"	4N°.-	2,20
9131505000.0/	Sello.-	1N°.-	9,50
8.888.90.1.989.0/	"	1N°.-	1,81
0.08.3.09.0909.0/	Guarnición.-	1N°.-	5,02
.0403.0/	Sello de aceite.-	1N°.-	14,29
9006599000.0/	Guarnición.-	1N°.-	2,03
0.08.3.09.1229.0/	"	1N°.-	1,16
9006713000.0/	"	1N°.-	1,77
9006704000.0/	Sello anular.-	1N°.-	5,32
9006688000.0/	" "	1N°.-	4,36
8.655.05.1.413.0/	Rodam.SKF.6203 ZZ.-	1N°.-	5,50
0.08.3.07.3006.0/	Juego de reparación.-	1N°.-	66,83
.02.0479.0/	" " juntas p/cilindros.-	12N°.-	255,84
.0629.0/	Junta para lubricación.-	24N°.-	2,83
9131487000.0/	Elemento filtrante.-	7N°.-	270,62
0.08.3.06.0769.0/	Junta para tapa.-	1N°.-	6,89
.0711.0/	Filtro blindado.-	2N°.-	29,82
.1443.0/	Sello.-	1N°.-	39,19
.0645.0/	Junta de vaso.-	2N°.-	0,87
.0735.0/	Aro "0".-	2N°.-	0,85
.05.2271.0/	Juntas p/sist.refrigeración.-	1N°.-	0,93
.08.0151.0/	Jgo.juntas bomba agua.-	1N°.-	8,76
.05.2023.0/	Junta intercamb.de calor.-	1N°.-	6,63
.08.0541.0/	Junta e/tapa y núcleo.-	4N°.-	44,54
9131197000.0/	Junta.-	2N°.-	11,16
9062580000.0/	"	2N°.-	3,20
9131171000.0/	Junta para codo.-	2N°.-	14,90
9131540000.0/	Junta para brida.-	2N°.-	3,19
9062880000.0/	" " "	2N°.-	6,16
9131197000.0/	Junta.-	1N°.-	2,79
0.08.3.07.1838.0/	Sello.-	1N°.-	21,26
.1165.0/	Juego.de juntas p/filtro.-	1N°.-	26,64
.1163.0/	" " " p/colador.-	1N°.-	24,37
.1409.0/	Filtro turbo grande.-	1N°.-	25,71

1/2- TRAINMET
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		ANEXO	
N.U.M.	DESCRIPCION	CANTIDAD	TOTAL \$
0.08.3.07.1469.0/	Filtro turbo chico.-	1 N°.-	7,02
.05.2803.0/	" de aire.-	12 N°.-	2.096,69
9007689000.0/	Jgo. de reparación 260.	1 N°.-	59.-
9008722000.0/	" " " 26F.	1 N°.-	102.-
9019895000.0/	" " " S A 6.-	1 N°.-	102.-
9019891000.0/	" " " H S 4.-	1 N°.-	98,87
9019882000.0/	" " " V A 1.-	1 N°.-	110.-
0.08.5.05.1061.0/	Jgo. reparación M U 2 B.-	1 N°.-	8.-
9019892000.0/	" " " A 1.-	1 N°.-	12.-
9019881000.0/	" " " H B 5.-	1 N°.-	27,50
9008797000.0/	" " " P 2 A.-	1 N°.-	65.-
0.08.5.05.1912.0/	" " " válv. N°8.-	1 N°.-	8.-
.1424.0/	" " " carga A.1.-	1 N°.-	66,94
9019887000.0/	" " " H/M.	1 N°.-	40.-
9007632000.0/	Válvula selladora.-	1 N°.-	6,98
9002712000.0/	Aro "O".-	1 N°.-	2,44
9007763000.0/	" retén.-	1 N°.-	3,21
9002739000.0/	" " " "O".-	1 N°.-	2,68
9007665000.0/	Aro.-	1 N°.-	2,44
9002710000.0/	"	1 N°.-	1,62
9002998000.0/	Sello.-	2 N°.-	3,20
9002745000.0/	Aro "O".-	2 N°.-	4,19
9002800000.0/	Junta p/ tapa.-	2 N°.-	0,40
0.08.5.05.1159.0/	" " "	1 N°.-	0,23
.2601.0/	Aro "O" (1/4" int.)	1 N°.-	2,14
9130532000.0/	" " (1/4" int.)	1 N°.-	1,62
9131480000.0/	" " "	1 N°.-	3,14
9002696000.0/	" " (17mm.)	1 N°.-	1,77
9131218000.0/	Asiento.-	4 N°.-	14,07
9131219000.0/	Aro "O".-	1 N°.-	0,92
9004107000.0/	Junta de goma.-	1 N°.-	0,58
0.08.5.05.2373.0/	Aro "O".-	1 N°.-	2,97
9131214000.0/	Junta.-	1 N°.-	1,43
0.08.5.05.2315.0/	Aro "O".-	1 N°.-	0,82
.2316.0/	Junta.-	1 N°.-	15,53
.2317.0/	"	1 N°.-	0,54
.3647.0/	Anillo de goma.-	1 N°.-	0,82
.3645.0/	Diafragma.-	1 N°.-	1,27
0.08.3.02.0622.0/	Jgo. juntas e/cab. y cilindro.-	12 N°.-	577,83
.03.0362.0/	Jgo. de aros STD.-	12 N°.-	2.711,76
.08.0051.0/	Jgo. de sello.-	2 N°.-	274,80
.0151.0/	Juego de juntas.-	2 N°.-	16,91
.5.01.0541.0/	Perno pistón B/P. y vacío.-	5 N°.-	207,98
.0525.0/	Junta.-	1 N°.-	10,56
.0545.0/	Perno pistón A/P.	1 N°.-	50,46
.0703.0/	Buje.-	5 N°.-	85,48
.0715.0/	Cojinete de biela.-	12 N°.-	262,69
.0687.0/	Aro de pistón exhaustor.-	6 N°.-	117,12
.0397.0/	Juego aros B/P.	2 N°.-	137,18
.0423.0/	" " A/P.	1 N°.-	34,58

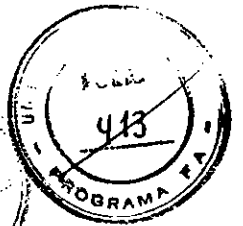
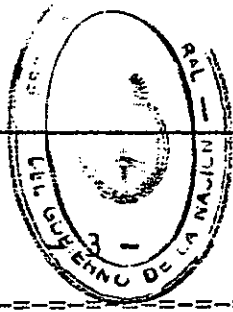
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Anexo Técnico N°2
Mat. Nec. Rep. Básica
Equiv. N° 30.-

ANEXO

N.U.M.	DESCRIPCION	CANTIDAD	PRECIO TOTAL \$
0.08.5.01.0487.0/	Juntas.-	2 N°.-	6,30
.0489.0/	"	2 N°.-	3,74
.0535.0/	"	2 N°.-	30,38
.0531.0/	"	1 N°.-	14,59
9061512000.0/	Juntas tapa lateral.-	2 N°.-	7,43
9061522000.0/	Junta.-	10 N°.-	21,45
9061529000.0/	"	2 N°.-	2,23
0.08.5.01.0073.0/	Junta tapa cojinete.-	1 N°.-	4,95
9061521000.0/	Junta.-	3 N°.-	2,34
0.08.5.01.0065.0/	Retén.-	2 N°.-	22,05
9131019000.0/	Silemblock.-	20 N°.-	281,16
0.08.1.01.0169.0/	Anillo guardapolvo.-	12 N°.-	297,36
.0173.0/	" p/sello.-	24 N°.-	1.167,44
.0175.0/	Sello retén.-	24 N°.-	133,81
9130436000.0/	Buje.-	10 N°.-	43,62
9064002000.0/	"	16 N°.-	103,95
0.08.1.01.0667.0/	Buje p/amortiguador.-	4 N°.-	209,20
.0921.0/	Buje.-	4 N°.-	20,61
.0923.0/	"	12 N°.-	79,23
.0927.0/	"	4 N°.-	17,83
.0931.0/	"	4 N°.-	17,91
.0935.0/	Perno.-	8 N°.-	194,73
.0973.0/	Perno c/ rosca hembra.-	8 N°.-	135,92
.0975.0/	" " " "	8 N°.-	135,92
.1017.0/	Perno.-	2 N°.-	50,97
.1019.0/	"	2 N°.-	52,41
9000362000.0/	Zapata fundida.-	12 N°.-	256,30
0.08.1.01.1211.0/	Buje.-	24 N°.-	138,57
.1213.0/	"	32 N°.-	159,94
.1217.0/	Perno p/traba.-	8 N°.-	421,47
.1265.0/	Perno.-	16 N°.-	359,91
.1291.0/	"	4 N°.-	133.-
.1295.0/	Perno.-	2 N°.-	40,87
.1317.0/	"	16 N°.-	294,42
.1411.0/	Guardapolvo.-	6 N°.-	96,94
.1413.0/	Abrazadera p/guardapolvo.0	6 N°.-	21,85
.1497.0/	Sello fieltro.-	24 N°.-	67,20
.1508.0/	" protector.-	6 N°.-	192.-
.1509.0/	Retén.-	6 N°.-	153,57
.1517.0/	" de sello.-	6 N°.-	170,50
9006247000.0/	Empaquetadura taza p/pistón	8 N°.-	144,64
9019989000.0/	Conjunto guía pedestal.-	24 N°.-	2.592,33
0.08.7.01.1345.0/	Escobilla AR.10.-	4 N°.-	45,13
.1351.0/	" D.14.-	4 N°.-	29,34
9131615000.0/	" E.44.-	8 N°.-	78,29
0.08.7.21.0041.0/	Buje l/ colector.-	2 N°.-	5,89
9131694000.0/	Buje p/ carcaza guía.-	2 N°.-	2,67
9131695000.0/	" " " espaciadora.-	2 N°.-	4,18
0.08.7.21.0091.0/	Escobilla c/terminal.-	24 N°.-	71,29

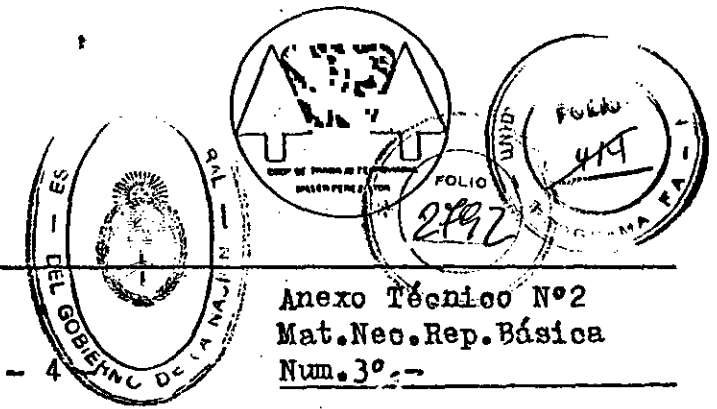
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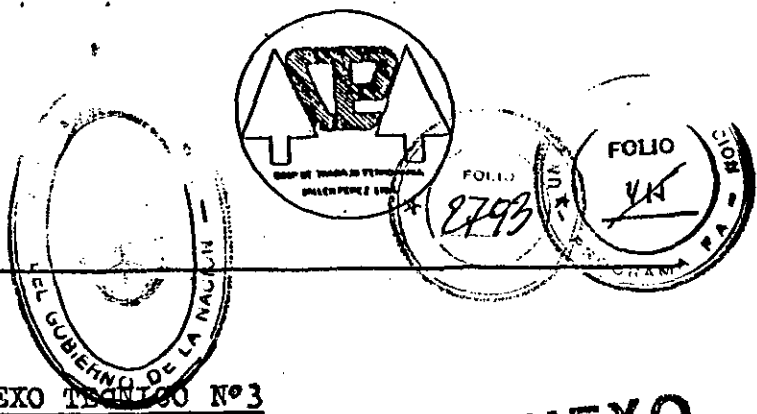
		ANEXO	
N.U.M.	DESCRIPCION	CANTIDAD	TOTAL \$
8.08.7.12.0089.0/	Escobilla.-	4Nº.-	15,61
.08.0389.0/	" DE:7	48Nº.-	743,40
8.343.03.1.555.0/	Esmalte sintético negro.-	28 Lts.	180,60
.105.0/	" " verde.-	35 Lts.	211,75
.220.0/	" " amarillo.-	12Lts.	108,24
.110.0/	" " rojo.-	12 Lts.	91,44
.115.0/	" " Rojo.-	6 Lts.-	59,46
.999.9/	" " Blanco.-	1 Lt.-	8,46
8.349.10.2.050.0/	Thinner.-	40 Lts.	43,20
8.233.71.3.010.0/	Masilla plástica.-	4Kgs.-	15,40
8.229.54.4.005.0/	Lija al agua.-	20 Nº.-	10,80
8.593.99.9.999.0/	Cinta de emascarar.-	2 Nº.-	4,08
8.245.53.4.020.0/	Jabón en polvo.-	2 Kgs.-	3,32
8.247.01.1.001.0/	Estopa.-	12	30,36
.50.1.001.0/	Trapo blanco.-	10 Kgs.-	33,20
8.349.05.1.030.0/	Líquido p/limpieza.-	600Lts.-	378.-
8.397.10.1.130.0/	Aceite turbina YPF.68.-	60Lts.-	111,51
.38.1.115.0/	" YPF.397.-	760Lts.-	1.763,20
.10.1.150.0/	" " 78.-	3 Lts.	7,08
.66.1.100.0/	Grasa.-YFF.96.-	30Kgs.-	21,60
.63.1.114.0/	" " 63.-	15Kgs.-	39,60
.118.0/	" Shell Ciprina.-	1 Kg.-	5,32
8.245.20.8.020.0/	Barniz Cliptal.-	4 Lts.-	29,40
8.260.19.5.070.0/	Soda Cáustica.-	10Kgs.-	13,90
8.390.05.1.018.0/	Gas-Oil.-	1500Lts.	525.-
8.395.10.2.045.0/	Gas envasad -	45 Kgs.	44,60
8.260.03.1.020.0/	Acido muriático.-	2 Lts.	2.-
8.233.26.3.010.0/	Silastic.-	1 Kg.	28,58
8.500.01.1.050.0/	Estaño al 50%.-	1 Kg.	23,60
8.395.15.2.006.0/	Acetileno.-	6 Kgs.	66,84
.30.2.006.0/	Oxígeno.-	6 m3.-	15,54
8.081.01.1.016.0/	Alambre cincado.-	3 Kgs.-	6,57
8.575.13.3.019.0/	Fieltro en plancha 3/4".-	3 Kgs.-	23,79

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ANEXO TECNICO Nº 3

ANEXO

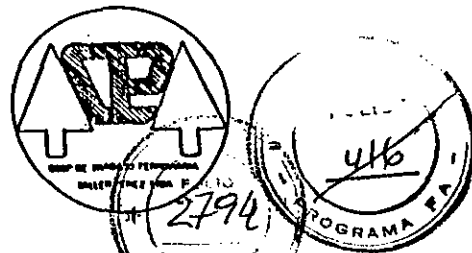
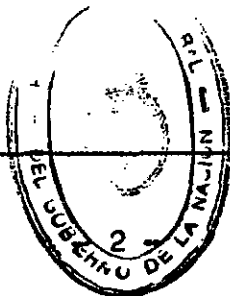
TAREAS ADICIONALES DE LOCT.GT.22.CW.Nº 9041

I -	<u>-PARTE MECANICA-</u>	<u>CANTIDAD A REPARAR.-</u>
1) - <u>Motor Diesel:</u>		
1 - 1:	<u>Turbo Sobrealimentador.-</u>	1
1-1-1:	Desmontaje de turbo de M/D.	
1-1-2:	Desarmado completo.-	
1-1-3:	Limpieza y/o descarbonización de todos y o/u de los elementos con productos y sistemas adecuados a cada caso.-	
1-1-4:	Inspección visual, geométrica y/o por Magnaflux de todos los elementos.-	
1-1-5:	Control de balanceo dinámico del rotor.-	
1-1-6:	Reemplazo de juego de juntas.-	
1-1-7:	Armado y acondicionamiento para su posterior montaje sobre M/D.-	
1-1-8:	Montaje sobre M/D.-	
1 - 2: <u>Conjunto de fuerza:</u>		
1-2-1:	Rectificado de los cilindros.-	12
1 - 3: <u>Inyectores:</u>		
1-3-1:	Reemplazo de roscas averiadas.-	12
1-3-2:	" " elementos bombeantes.-	
1-3-3:	" " toberas.-	
1-3-4:	" " tuercas inyector.-	
1 - 4: <u>Balancines:</u>		
1-4-1:	Reemplazo de bujes.-	36
1 - 5: <u>Múltiple de escape:</u>		
1-5-1:	Desmontaje para limpieza y/o descarbonización.-	
1-5-2:	montaje.-	
1 - 6: <u>Ductos de admisión:</u>		
1-6-1:	Reparación de fisura.-	1
1 - 7: <u>Manchones de acople de Generador Auxiliar:</u>		
1-7-1:	Desmontaje del M/D, Reparación.-	
1-7-2:	Reemplazo de silemblock.-	8
1-7-3:	Montaje del manchón en Motor Diesel.-	
1 - 8: <u>Recuperador de aceite compresor:</u>		
1-8-1:	Colocación de elementos faltantes.-	1

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Anexo Técnico N°3
Tareas Adicionales loc. GM. GT.22.CW.N°9041

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	<u>CANTIDAD A REPARAR.-</u>
1 - 9 : <u>Tuberías y elementos del sistema neumáticos</u>	
1-9-1 : Colocación de bocinas.-	2
1-9-2 : " " válvulas bocinas.-	2
1-9-3 : " " soporte mangas aire comprimido	2
1-9-4 : " " mangas aire comprimido.-	2
1-9-5 : " " Grifo depósito principal.-	1
1 - 10: <u>Freno de mano</u>	1
1-10-1: Reparación integral.-	
1 - 11: <u>Adaptador con múltiple y turbo sobrealimentador</u>	1
1-11-1: Colocación del mismo.-	
1 - 12: <u>Arbol acople compresor</u>	1
1-12-1: Colocación del mismo.-	1

ANEXO

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II - -PARTE ELECTRICA -

2) - Circuito y Equipos eléctricos

2 - 1: Motor de Tracción.-

2-1-1: Rebobinado de armadura.-	6
2-1-2: Cambio del eje del inducido.-	1
2-1-3: Reemplazo caja soporte y alesado de alojamiento de cojinetes.-	3
2-1-4: Desmontaje, desarme y reparación de bobinas de campos de conmutación y principales.-	48
2-1-5: Cambiar aislación completa de campos.-	4

2 - 2: Electroventiladores.-

2-2-1: Rebobinado de electroventiladores.-	1
2-2-2: Cambio de rodamientos.-	2

2 - 3: Motor calefactor.-

2-3-1: Rebobinado de inducido y campos.-	1
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2 - 4: Circuitos en general y auxiliares

2-4-1: Cambio de yemas de contactores AC1-AC2.-	12
2-4-2: Reparación de líneas alimentación electroventiladores.-	2
2-4-3: Colocar fusible en línea electroventilador (faltante)	4

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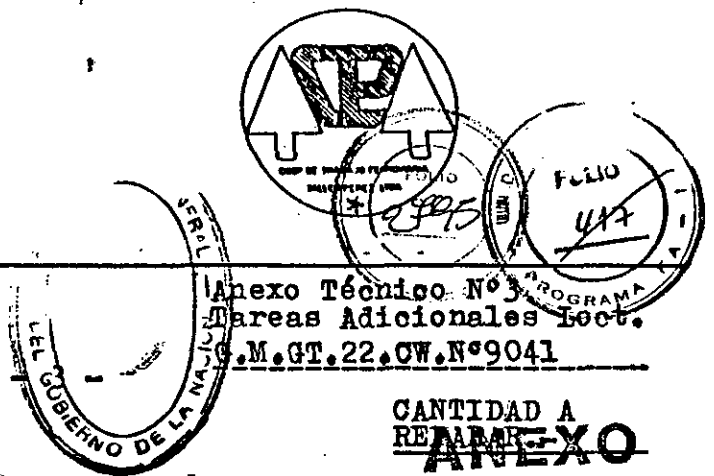
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CANTIDAD A
REPARAR
ANEXO

- 2-4-4 :Colocar portalámparas en luces números del. y trasera.- 4 N°s.-
- 2-4-5 :Colocar pulsador arenero.- 1 N°.-
- 2-4-6 :Desmontar, reparar y montar calentador(aver.) 1 N°.-
- 2-4-7 :Montar caja de llave, resistencia y motores descongeladores.- 6 N°.-
- 2-4-8 :Cambiar farolas, colocar burletes y conectar Unidad Sellada.- 4 c/ u.-
- 2-4-9 :Montar cañería, tomacorriente y portalámpara luz sala presurizada.- 1
- 2-4-10:Desmontar, reparar y montar equipo luz clasificación delant. 2 N°.-
- 2-4-11:Montar línea conexión velocímetro.- 1 N°.-
- 2-4-12: " campana de alarma.- 1 N°.-
- 2-4-13: " relé FPR.y resistencia de velocímetro 1 N° de c/u.
- 2-4-14:Reparar manga conexión gobernador M/D. 1 N°.-

3) - Bastidor y Carrocería:

- 3 - 1 :Colocación de rejas protectoras de puertas y ventanas.- 2
- 3 - 2 :Reparación de baranda lateral delant.derecha.- 1
- 3 - 3 :Colocación de baranda frontal delant.derecha.- 1
- 3 - 4 : " " vidrios numeración.- 4
- 3 - 5 : " " baranda lateral delant.izq. 1
- 3 - 6 : " " puertas accesor cabina con cerradura y picaporte.- 2
- 3 - 7 :Colocación integral de parabrisas.- 6
- 3 - 8 :Colocación de espejos retrovis-ores.- 2
- 3 - 9 : " " Parasoles.- 4
- 3 -10 : " " protector volante M/ D. 2
- 3 - 11: " " rejillas sala radiadores.- 2
- 3 - 12: " " cierre de puerta chica sala gabinete eléctrico.- 2
- 3 - 13:Colocación de burlete p/chica gabinete eléctrico.- 1
- 3 - 14:Colocación de miriñaque.- 1
- 3 - 15:Colocación de conductos flexibles de aire a motores de tracción.- 6

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