FLM-003-7

PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD DE PRUEBAS FISICAS-QUIMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE: TUCOTA
CUSTOMER:

NUMERO / NUMBER: PTM-54416-2-2003

PEDIDO CLIENTE /P.O.
PEDIDO INTERNO / LO.: 10041
PARTIDA (S)
ITEMS: 37578-10

FECHA / DATE: MARZO 26, 2003

DIAMETRO / DIAMETER: 10 3/4"
ESPESOR DE PARED / WALL THICKNESS: 0.250"
GRADO / GRADE: ASTM A53-B
PRESION HIDROSTATICA / HIDROSTATIC TEST: 69 Kg/cm² 980 PSI

PRUEBAS DE TENSION / TENSILE TEST						ANALISIS QUIMICO % EN PESO / CHEMICAL ANALYSES PERCENT WEIGHT															
[illegible]	[illegible]	[illegible] (P.S.I.)	[illegible] (P.S.I.)	[illegible] 2"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
5-27 Tc	224558	57 784	72 755	36	0.79	0.179	1.08	0.016	0.008	[illegible]	[illegible]	0.003	0.201	0.030	0.036	0.0025	0.023	0.024	0.011	0.0042	
Ts			77 693																		
7-24 Tc	224557	58 983	70 780	38	0.83	0.180	1.08	0.019	0.008	[illegible]	0.004	0.003	0.199	0.036	0.044	0.0036	0.020	0.027	0.009	0.0055	
Ts			74 870																		
5-25 Tc	224559	57 373	74 324	35	0.77	0.180	1.13	0.020	0.007	[illegible]	[illegible]	0.003	0.220	0.020	0.035	0.0024	0.032	0.026	0.011	0.0082	
Ts			79 960																		

CERTIFICAMOS QUE LA TUBERIA AQUÍ DESCRITA CUMPLE Y HA SIDO FABRICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO CON LOS REQUISITOS APLICABLES DE LA ESPECIFICACION:

WE CERTIFY THE PIPE ABOVE MENTIONED ACCOMPLISH AND HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SPECIFICATIONS:

ASTM A53-B -99

ING. FERNANDO OSORIO PEREZ
GERENTE DE ASEGURAMIENTO DE CALIDAD
QUALITY ASSURANCE MANAGER