FLM-005-7

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-58453-1-2004

PEDIDO CLIENTE /P.O.
PEDIDO INTERNO / I.O. 11721

FECHA / DATE: MAYO 07, 2004

PARTIDA (S) / ITEMS: 45630-20 / 48996-10 / 49827-50 / 51242-10

ETRO :
ETER : 10 3/4"

ESPESOR DE PARED / WALL THICKNESS: 0.365"

GRADO :
GRADE : ASTM A53-B

PRESION HIDROSTATICA:
HIDROSTATIC TEST: 101 Kg/cm² 1430 PSI

PRUEBAS DE TENSION / TENSILE TEST

ANALISIS QUIMICO % EN PESO / CHEMICAL ANALYSES PERCENT WEIGHT

I.PROBETA -CRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 1"	LE/U.T Y.S/T.S	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ce
14-3 Tc	132497	59 945	74 148	34	0.81	0.173	1.08	0.017	0.009	0.010	0.004	0.004	0.301	0.037	0.030	0.0034	0.019	0.027	0.007	0.0052	
Ts			82 415																		
37-1 Tc	235614	67 208	74 574	40	0.90	0.156	1.05	0.013	0.006	0.010	0.003	0.003	0.181	0.016	0.004	0.0025	0.018	0.023	0.004	0.0041	
Ts			80 580																		
21-6 Tc	236058	60 473	72 952	36	0.83	0.167	1.14	0.012	0.007	0.001	0.002	0.003	0.307	0.016	0.045	0.0031	0.014	0.027	0.005	0.0052	
Ts			81 034																		
16-20 Tc	237376	65 359	83 100	32	0.79	0.156	1.07	0.011	0.008	0.010	0.002	0.003	0.178	0.019	0.036	0.0030	0.023	0.026	0.004	0.0057	
Ts			86 167																		

IFICAMOS QUE LA TUBERIA AQUÍ DESCRITA CUMPLE Y HA SIDO ICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO .OS REQUISITOS APLICABLES DE LA ESPECIFICACION:

ASTM A53-B -99

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

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