

PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL



TUCOTA

NUMERO PTM-58099-1-2004

CUSTOMER:

PEDIDO CLIENTE / P.O.

11721

PARTIDA (S)

53879-30

FECHA DATE
MARZO 30, 2004

LETRO : 8 5/8"

ESPESOR DE PARED WALL THICKNESS

0.277"

GRADO : GRADE :

ASTM A53-B

PREISION HIDROSTATICA: ANALISIS QUIMICO % EN PESO

95 Kg/cm²

1350 PSI

PRUEBAS DE TENSION TENSILE TEST

CHEMICAL ANALYSES PERCENT WEIGHT

ALROBETA SCAUTION	COAJDA HEAT	LIMITE ELASTICO YIELD STRENGTH (PSI)	ULTIMA TENSION TENSILE STRENGTH (PSI)	% ELONG. 3"	LEAIT YATS	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
3B-12 TC		54 519	71 001	33	0.77	0.161	1.12	0.011	0.006	0.003	0.004	0.003	0.209	0.025	0.034	0.0023	0.024	0.037	0.010	0.0054	
TS			74 712																		
8B-12 TC		52 504	68 756	34	0.76	0.156	1.10	0.012	0.006	0.001	0.002	0.003	0.222	0.070	0.036	0.0028	0.024	0.040	0.003	0.0043	
TS			74 913																		
9B-1 TC		53 975	69 396	35	0.78	0.158	1.13	0.012	0.008	0.003	0.005	0.004	0.205	0.046	0.040	0.0023	0.035	0.039	0.008	0.0046	
TS			76 323																		
10B-4 TC		54 244	69 038	38	0.79	0.175	1.13	0.012	0.009	0.004	0.004	0.003	0.211	0.071	0.040	0.0033	0.035	0.041	0.009	0.0039	
TS			72 941																		

EFICAMOS QUE LA TUBERIA AQUI DESCRITA CUMPLE Y HA SIDO
ICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO
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 BEREZ

GERENTE DE ASEGURAMIENTO DE CALIDAD

QUALITY ASSURANCE MANAGER

