



PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

380740

DIAMETRO : 18"
DIAMETER : 18"

ESPESOR DE PARED : 0.250"
WALL THICKNESS : 0.250"

GRADO :
GRADE :

ASTM A53-B
ASTM A53-B

CLIENTE:	TUCOTA	NUMER	
CUSTOMER:		NUMBE	
PEDIDO CLIENTE / P.O.	11144	FECHA	
PEDIDO INTERNO / I.O.		DATE	
PARTIDA (S)			
ITEMS	41502-10		

PRUEBAS DE TENSION TENSILE TEST
PRESION HIDROSTATICA: 41 Kg/cm² 580 PSI
ANALISIS QUIMICO % EN PESO
CHEMICAL ANALYSES PERCENT WEIGHT

NUM. PROBETA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LEULT V.S/T.S	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni
11-12 Tc TS	127513	47 026	69 986 74 342	37	0.67	0.175	1.10	0.022	0.008	0.002	0.005	0.004	0.194	0.029	0.040	0.0012	0.026	0.030
6-10 Tc TS	127515	47 333	71 676 77 091	36	0.66	0.175	1.07	0.016	0.007	0.002	0.004	0.003	0.190	0.011	0.045	0.0028	0.019	0.019

CERTIFICAMOS QUE LA TUBERIA AQUI 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