



PROCARSA, S.A. DE C.V.

**CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS**

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE: TUUCOTA
 CUSTOMER:
 PEDIDO CLIENTE / P.O. 11336
 PEDIDO INTERNO / I.O.
 PARTIDA (S)
 ITEMS

DIAMETRO : 16" ESPESOR DE PARED WALL THICKNESS 0.375" GRADO : ASTM A53-B PRESSION HIDROSTATICA: 43755-30

PRUEBAS DE TENSION TENSILE TEST TENSILE TEST GRADO : ASTM A53-B PRESSION HIDROSTATICA: 69 Kg/cm² 98

NUM. PROBETA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LE/UT Y.S/T.S	ANALISIS QUIMICO % EN PESO CHEMICAL ANALYSES PERCENT WEIGHT											
						C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr
2-11 TC Ts	131400	52 479	70 575	37	0.74	0.170	1.10	0.013	0.007	0.001	0.002	0.002	0.190	0.029	0.035	0.0034	0.011
12-10 TC Ts	231361	52 189	70 186	37	0.74	0.180	1.11	0.014	0.008	0.001	0.002	0.003	0.237	0.023	0.045	0.0029	0.014

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
 GERENTE DE ASEGURAMIENTO