



PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

380770

DIAMETRO : 18"
ESPEJOR DE PARED
WALL THICKNESS

0.500"

GRADO :
GRADE :

API 5L X-42

CLIENTE:
CUSTOMER:

TUCOTA

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

11144

PRESSION HIDROSTATICA:
HIDROSTATIC TEST:

41502-30

139 Kg/cm²

1980 PSI

TENSILE TEST

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"	LE/UT Y/ST'S	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni
8-8 Tc Ts	227961	55 397	73 018 80 788	37	0.76	0.160	1.12	0.014	0.008	0.002	0.004	0.003	0.190	0.021	0.040	0.0015	0.025	0.025
5-9 Tc Ts	227962	55 524	70 987 79 282	39	0.78	0.159	1.14	0.016	0.008	0.003	0.004	0.003	0.179	0.020	0.038	0.0026	0.025	0.042
6-9 Tc Ts	227963	57 199	71 600 78 462	41	0.80	0.161	1.10	0.015	0.007	0.002	0.004	0.004	0.197	0.019	0.040	0.0035	0.025	0.031

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:

API SPECIFICATION 5L

FORTY-SECOND EDITION, JANUARY, 2000

EFFECTIVE DATE : JULY 1, 2000

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