



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

PEDIDO CLIENTE / P.O. 11078
PEDIDO INTERNO / I.O.

PARTIDA (S) JP-5-01
ITEMS

FECHA
DATE

DIAMETRO : 24" ESPESOR DE PARED 0.250" GRADO : ASTM A53-B PRESSION HIDROSTATICA: 31 Kg/cm² 440 PSI
DIAMETER : 24" WALL THICKNESS GRADE : ASTM A53-B HYDROSTATIC TEST:

**PRUEBAS DE TENSION
TENSILE TEST**

**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 Y.S.T.S	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni
64-6 Tc TS	ZY1275	56 611	68 190 72 200	37	0.83	0.080	0.73	0.020	0.008	0.010	--	--	0.190	0.010	0.014	--	0.020	0.010
63-5 Tc TS	ZY1277	60 093	67 605 73 793	36	0.89	0.090	0.75	0.015	0.010	0.010	--	--	0.190	0.020	0.024	--	0.030	0.010

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 RODRIGUEZ PEREZ
GERENTE DE ASESURAMIENTO DE CALIDAD
QUALITY ASSURANCE MANAGER