

FLM-005-7



PROCARSA, S.A. DE C.V.

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

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE: PLESA ANAHUAC Y CIAS. S.A. DE C.V.

CUSTOMER:

NUMERO PTM-63710-2005

NUMBER

PEDIDO CLIENTE/P.O. 489

PARTIDA (S) 68103-40

FECHA DICIEMBRE 28, 2005

ITEMS

DIAMETRO : 16"
ESPESOR DE PARED
WALL THICKNESS

0.500"

GRADO :
GRADE :

ASTM A53-B

PRESION HIDROSTATICA:
HYDROSTATIC TEST:

92 Kg/cm² 1310 PSI

**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"	LE/UT Y.S.T.S	CHEMICAL ANALYSES PERCENT WEIGHT															
		57 554	69 841	76 101	74 041			C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
4-4 Tc Ts	256683	57 554	69 841	76 101	74 041	38	0.82	0.165	1.13	0.012	0.005	0.005	0.005	0.005	0.004	0.193	0.040	0.030	0.028	0.020	0.050	0.016	0.0058
8-3 Tc Ts	256686	53 689	68 404	74 041		36	0.78	0.165	1.12	0.020	0.005	0.004	0.004	0.004	0.208	0.030	0.0035	0.020	0.030	0.030	0.004	0.0053	

CERTIFICAMOS QUE LA TUBERIA AQUI DESCRITA CUMPLE Y HA SIDO
FABRICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO
CON LOS REQUISITOS APLICABLES DE LA ESPECIFICACION:

ASTM A53-B -02

WE CERTIFY THE PIPE ABOVE MENTIONED ACCOMPLISH AND HAS
BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN
ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SPECIFICATIONS:


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