

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.

NUMERO PTM-72206-2008
NUMBER

CUSTOMER:

PEDIDO CLIENTE / P.O.

1735

FECHA

DATE AGOSTO 16, 2008

PEDIDO INTERNO / I.O.

PARTIDA (S) JP-4-00 / JP-7-01 / USA-06-05

ITEMS

ESPESOR DE PARED

0.500"

GRADO :

ASTM A53-B

PRESION HIDROSTATICA:

62 Kg/cm² 880

HIDROSTATIC TEST:

PRUEBAS DE TENSION

TENSILE TEST

ANALISIS QUIMICO % EN PESO

CHEMICAL ANALYSES PERCENT WEIGHT

NUM PROBETA DESCRIPTION	COLADA HEAT	PRUEBAS DE TENSION		LEUT Y.S.T.S	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
		LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)																	
14-6 Tc Ts	ZN1371	56 727	67 941 74 668	0.83	0.080	0.70	0.015	0.006	0.010	-	-	0.190	0.020	0.018	-	0.030	0.020	-	0.0020	
23-3 Tc Ts	ZY2624	58 026	68 923 74 754	0.84	0.090	0.78	0.013	0.009	0.010	-	-	0.200	0.020	0.018	-	0.030	0.010	-	0.0020	
42-4 Tc Ts	B5Q6011	69 207	76 912 80 162	0.90	0.058	1.08	0.011	0.003	0.076	0.003	0.002	0.236	0.108	0.027	0.0018	0.050	0.050	0.012	0.0080	
40-7 Tc Ts	B5Q6012	65 803	74 267 77 744	0.89	0.054	1.08	0.010	0.003	0.073	0.002	0.002	0.242	0.133	0.029	0.003	0.040	0.050	0.013	0.0080	
29-9 Tc Ts	B5Q6013	62 511	74 798 80 006	0.84	0.054	1.11	0.011	0.004	0.078	0.003	0.002	0.230	0.144	0.027	0.001	0.050	0.070	0.032	0.0060	
4-5 Tc Ts	B5Q6018	54 299	68 108 70 187	0.80	0.061	1.11	0.011	0.003	0.025	0.003	0.002	0.204	0.175	0.029	0.001	0.030	0.060	0.015	0.0070	

VERIFICAMOS QUE LA TUBERIA AQUÍ DESCRITA CUMPLE Y HA SIDO
BRICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO
EN 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 -06

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