

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 S.A. DE C.V.

NUMERO PTM-58453-2004

CUSTOMER:

PEDIDO CLIENTE P.O.

PEDIDO INTERNO / I.O.

PARTIDA (S)

ITEMS

49830-30

PRESSION HIDROSTATICA:

HIDROSTATIC TEST:

ANALISIS QUIMICO % EN PESO

98 Kg/cm²

1400 PSI

FECHA MAYO 06, 2004

DATE

12.3/4"

DIAMETRO:

0.250"

ESPESSOR DE PARED

WALL THICKNESS

PRUEBAS DE TENSION

TENSILE TEST

GRADO:

API 5L X-42

CHEMICAL ANALYSES PERCENT WEIGHT

NUMPROBETA DESCRIPCION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (F _{0.2%})	ULTIMA TENSION TENSILE STRENGTH (F _U)	% ELONG. EL	LEALT YIELD	C	Mn	P	S	CB	V	Ti	SI	Cu	Al	Ca	Cr	NI	Mo	N	Ceq
1-16 Tc Ts	136419	53 498	69 959 74 441	35	0.76	0.176	1.14	0.013	0.006	0.003	0.004	0.004	0.210	0.021	0.036	0.0017	0.028	0.032	0.009	0.0047	
6-11 Tc Ts	236218	49 974	70 233 74 490	35	0.71	0.180	1.10	0.012	0.006	0.001	0.003	0.003	0.159	0.013	0.039	0.0015	0.009	0.022	0.003	0.0060	
3-10 Tc Ts	236225	47 089	65 374 72 243	35	0.72	0.154	1.10	0.016	0.007	0.001	0.002	0.003	0.174	0.014	0.042	0.0019	0.018	0.024	0.005	0.0050	
16-7 Tc Ts	236226	51 189	67 354 74 130	36	0.76	0.155	1.10	0.013	0.006	0.001	0.002	0.003	0.181	0.029	0.041	0.0017	0.021	0.047	0.009	0.0046	


CERTIFICAMOS QUE LA TUBERIA AGUI 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 SL

FORTY SECOND EDITION, JANUARY, 2000

EFFECTIVE DATE: JULY 1, 2000


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