

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CUSTOMER: PLESA ANAHUAC Y CIAS. S.A. DE C.V.
 PEDIDO CLIENTE/P.O. 13749
 PEDIDO INTERNO/ I.O. 13749
 PARTIDA(S)
 ITEMS 62978-80

FECHA JULIO 22, 2005
 DATE

DIAMETRO: 12 3/4"
 DIAMETER: 12 3/4"
 ESPESOR DE PARED WALL THICKNESS 0.219"

GRADO: ASTM A53-B

PRESSION HIDROSTATICA: 720 PSI
 HIDROSTATIC TEST:

51 Kg/cm²

720 PSI

TENSILE TEST

CHEMICAL ANALYSIS 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	Mo	N	Ceq
1-22 TC TS	148681	54 088	72 632 74 974	37	0.74	0.155	1.12	0.016	0.007	0.004	0.004	0.004	0.190	0.020	0.030	0.0026	0.030	0.030	0.014	0.0060	
6-21 TC TS	148684	55 076	69 655 75 424	37	0.79	0.163	1.12	0.016	0.007	0.005	0.004	0.003	0.170	0.050	0.037	0.0023	0.030	0.030	0.015	0.0070	
3-17 TC TS	248293	57 721	71 137 73 432	35	0.81	0.150	1.09	0.015	0.009	0.004	0.005	0.003	0.150	0.020	0.038	0.0028	0.030	0.030	0.016	0.0060	

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-R-02

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

