



**CERTIFICADO DE INSPECCION  
DE PRUEBAS MECANICAS Y ANALISIS QUIMICO**

INSPECTION CERTIFICATE OF MECHANICAL TESTS AND CHEMICAL ANALYSES

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

NUMERO

PTM-06164-2017

CUSTOMER:

PEDIDO CLIENTE / P.O.

PEDIDO INTERNO / I.O.

PARTIDA (S)

16357

135667-20

FECHA

DATE

JUNIO 23, 2017

DIAMETRO EXTERIOR :

OUTSIDE DIAMETER :

10 3/4"

ESPESOR DE PARED :

0.500"

GRADO :

ASTM A53-B

PRESSION HIDROSTATICA:

137 Kg/cm<sup>2</sup>

1,950 PSI

REQUERIMIENTOS DE PRUEBAS DE TENSION / TENSILE TEST REQUIREMENTS

LIMITE ELASTICO / YIELD STRENGTH	ULTIMA TENSION / TENSILE STRENGTH	% ELONG.	LE/UT.	C	Mn	P	S	Ch	Ch+V	Ch+V+Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	CE <sub>HW</sub>	CE <sub>Pcm</sub>
35000 PSI MIN.	60000 PSI MIN.	30 min.	---	0.300 max	1.200 max	0.050 max	0.045 max	---	---	---	---	0.500 max	---	---	0.400 max	0.400 max	0.150 max	---	---	---

NUM. PROBEA / 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	C	Mn	P	S	Ch	Ch+V	Ch+V+Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	CE <sub>HW</sub>	CE <sub>Pcm</sub>
3-13 Tc Ts	228950	56 907	65 870 76 401	38	0.86	0.130	0.79	0.015	0.004	0.001	0.0010	0.003	0.230	0.016	0.041	0.002	0.011	0.011	0.003	0.0042		
1-3 Tc Ts	1241812012	68 054	76 145 76 432	35	0.89	0.090	0.93	0.010	0.002	0.020	0.0020	0.002	0.092	0.041	0.038	0.002	0.017	0.027	0.004	0.0052		

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

WE CERTIFY THAT THE ABOVE DESCRIBED PIPE HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATION, AND MEETS THE APPLICABLE REQUIREMENTS THEREIN

ASTM A53

ING. LUIS ALFONSO DE LOS SANTOS RIVERA  
SUPERVISOR DE LABORATORIO METALURGICO  
METALLURGICAL LABORATORY SUPERVISOR

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