

PROCARSA, S.A. DE C.V.

**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.**
 CUSTOMER: **PLESA ANAHUAC Y CIAS. S.A. DE C.V.**
 PEDIDO CLIENTE / P.O. **16390**
 PEDIDO INTERNO / I.O. **16390**
 PARTIDA (S) **135667-90**
 ITEMS

NUMERO NUMBER **PTM-06363-2017**
 FECHA DATE **AGOSTO 09, 2017**

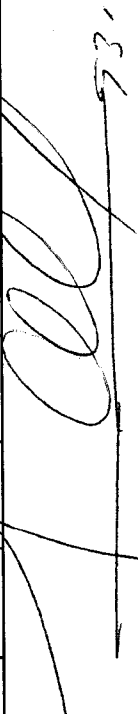
DIAMETRO EXTERIOR : OUTSIDE DIAMETER :	14"	ESPESOR DE PARED : WALL THICKNESS :	0.438"	GRADO : GRADE :	ASTM A53-B	PRESION HIDROSTATICA : HYDROSTATIC TEST :	92 Kg/cm ²	1,310 PSI
REQUERIMIENTOS DE PRUEBAS DE TENSION / TENSILE TEST REQUIREMENTS		% ELONG. L.E./U.T.		REQUERIMIENTOS DE ANALISIS QUIMICO % EN PESO / CHEMICAL ANALYSES BY PERCENTAGE OF WEIGHT REQUIREMENTS				
LIMITE ELASTICO / YIELD STRENGTH	ULTIMA TENSION / TENSILE STRENGTH	% ELONG.	L.E./U.T.	C	Mn	P	S	Cb
35000 PSI MIN.	60000 PSI MIN.	29 min.	--	0.300 max	1.200 max	0.050 max	0.045 max	--
				0.040 max	0.500 max	0.400 max	0.400 max	0.150 max
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NUM.PROBETA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LE/UT Y/ST.S	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	CE IIW	CE Pcm
6-3 Tc Ts	128516	61 706	74 476 78 741	38	0.82	0.061	0.63	0.013	0.005	0.032	0.002	0.003	0.182	0.228	0.041	0.003	0.015	0.018	0.003	0.0051		

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

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


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