

FLM-0057



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.

NUMERO
NUMBER
PTM-7128-2018

CUSTOMER:

PEDIDO CLIENTE / R.O.

162

FECHA
DATE

SEPTIEMBRE 12, 2018

DIAMETRO EXTERIOR: OUTSIDE DIAMETER:	20"	ESPESOR DE PARED: WALL THICKNESS:	0.375"	GRADO: GRADE:	ASTM A53-B	56 Kg/cm ²	790 PSI														
REQUERIMIENTOS DE PRUEBAS DE TENSION / TENSILE TEST REQUIREMENTS		REQUERIMIENTOS DE ANALISIS QUIMICO % EN PESO / CHEMICAL ANALYSES BY PERCENTAGE OF WEIGHT REQUIREMENTS																			
LMITE ELASTICO / YIELD STRENGTH	60000 PSI MIN.	LMITE ELASTICO / YIELD STRENGTH	60000 PSI MIN.	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	CE IIW	CE Pcm	
				0.300 max	1.200 max	0.050 max	0.045 max	---	---	---	---	0.500 max	---	---	---	0.400 max	0.150 max	---	---	---	
				28 min.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

NUM. PROBETA DESCRIPTION	COLADA HEAT	LMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LE/UT Y.S/TLS	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	CE IIW	CE Pcm
56-2 Tc	234641	54 083	78 841	31	0.69	0.250	1.10	0.013	0.006	0.003	0.004	0.002	0.127	0.010	0.046	---	0.016	0.024	0.008	---	---	---
Ts			86 923																			
28-8 Tc	238289	53 242	70 760	38	0.75	0.163	1.10	0.020	0.006	0.002	0.005	0.004	0.226	0.024	0.043	0.0026	0.030	0.035	0.009	0.0054	---	---
Ts			80 133																			

CERTIFICAMOS QUE LA TUBERIA AQUÍ DESCRITA CUMPLE Y HA SIDO FABRICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO CON LOS REQUISITOS APPLICABLES 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. ANDRÉS CARLOS GABRES
JEFE DE LABORATORIO METALURGICO
METALLURGICAL LABORATORY CHIEF