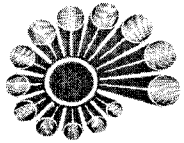


FLM-005-7



PROCARSA, S.A. DE C.V.

**CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS**

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

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

NUMERO PTM-6545-2017

CUSTOMER:

NUMBER

PEDIDO CLIENTE / P.O. N/A

PEDIDO INTERNO / I.O.

FECHA

PARTIDA (S)

DATE SEPTIEMBRE 14, 2017

ITEMS N/A

TAMAÑO
SIZE: N/AESPESOR DE PARED
WALL THICKNESS N/AGRADO :
GRADE : N/APRESION HIDROSTATICA:
HIDROSTATIC TEST: -----N/A-----
**PRUEBAS DE TENSION
TENSILE TEST**
**ANALISIS QUIMICO % EN PESO
CHEMICAL ANALYSES PERCENT WEIGHT**

PARTIDA ITEM	NUM.PROBETA 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	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
1	14A-10 Lc	120180	53 752	66 856	34	0.80	0.117	0.78	0.017	0.008	--	--	--	0.225	0.040	0.029	0.0030	0.024	0.020	--	--	
2	3-3 Lc	223253	50 790	65 839	37	0.77	0.122	0.78	0.013	0.004	--	--	--	0.218	0.015	0.023	0.0034	0.025	0.014	--	--	

PARTIDA ITEMS	DIMENSIONES SIZE	GRADO GRADE	PARTIDA ITEM	No. PEDIDO P.O.
1	6" X 6" X 0.250"	ASTM A500-B	511097-10	16430
2	10" X 10" X 0.312"	ASTM A500-B	129598-60	16432

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 THE PIPE ABOVE MENTIONED ACCOMPLISH AND HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SPECIFICATIONS:

ASTM A500

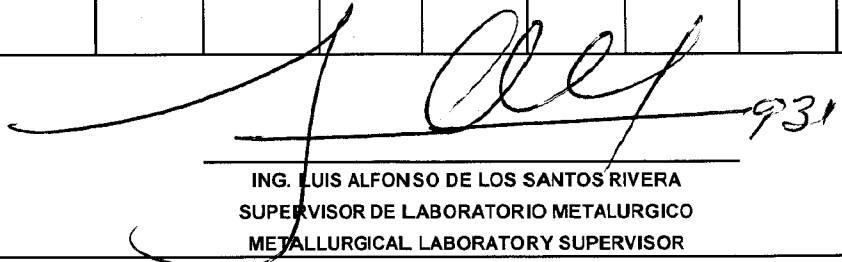
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 ING. LUIS ALFONSO DE LOS SANTOS RIVERA
 SUPERVISOR DE LABORATORIO METALURGICO
 METALLURGICAL LABORATORY SUPERVISOR