



EA-110941

FLM-005-7  PROCARSA, S.A. DE C.V.		CERTIFICADO DE CALIDAD DE PRUEBAS FISICAS-QUIMICAS QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL										CLIENTE: ACEROS TEPOTZOTLAN, S.A. DE C.V. CUSTOMER:				NUMERO PTM-6670-2018 NUMBER						
TAMAÑO SIZE: N/A		ESPESOR DE PARED WALL THICKNESS N/A				GRADO: GRADE: N/A				PRESION HIDROSTATICA: HIDROSTATIC TEST: -----N/A-----				FECHA DATE: FEBRERO 12, 2018								
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" % ELONG.	LEJUT VSUTS	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
1	2-2 Lc	172941	75 473	84 064	33	0.90 H	0.060	0.85	0.013	0.006	0.036	0.003	0.002	0.047	0.029	0.038	0.0028	0.019	0.021	0.005	0.006	
2	2-11 Lc	273216	61 637	73 602	38	0.84 H	0.064	0.83	0.016	0.008	0.035	0.003	0.002	0.051	0.029	0.045	0.0029	0.021	0.023	0.006	0.006	
3	11-4 Lc	276836	68 199	77 534	35	0.88 H	0.056	0.83	0.021	0.006	0.034	0.004	0.002	0.050	0.023	0.042	0.0029	0.018	0.019	0.004	0.005	
4	1-3 Lc	171676	54 186	76 105	38	0.71 H	0.066	0.89	0.017	0.007	0.032	0.002	0.001	0.049	0.017	0.033	0.0027	0.021	0.019	0.004	0.006	

PARTIDA ITEMS	DIMENSIONES SIZE	GRADO GRADE	PARTIDA ITEM	No. PEDIDO P.O.
1	20" X 12" X 0.375"	ASTM A500-B	199652-30	16580
2	12" X 12" X 0.312"	ASTM A500-B	197047-110	16580
3	18" X 6" X 0.375"	ASTM A500-B	205280-30	16580
4	16" X 12" X 0.312"	ASTM A500-B	197047-50	16388

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:	 ING. LUIS ALFONSO DE LOS SANTOS RIVERA SUPERVISOR DE LABORATORIO METALURGICO METALLURGICAL LABORATORY SUPERVISOR
ASTM A500	-	
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