

PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD
DE PRUEBAS FÍSICAS-QUÍMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE: CUSTOMER:	TIGOTA	NÚMERO NUMBER	PTM-45624-29-2001
PEDIDO CLIENTE / P.O.	6017	FECHA DATE	FEBRERO 10, 2001
PEDIDO INTERNO / I.O.	18200-30		
PARTIDA(S) ITEMS			


TAMANO SIZE:	6.5/8"	ESPESOR DE PARED WALL THICKNESS	0.280"	GRADO: GRADE:	ASTM A53-B	PRESION HIDROSTATICA: ANALISIS HIDROSTATICO TEST:	125 Kg/cm ²	1780 PSI
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NOMENCLATURA DESCRIPTION	COLUMNA HEAT	PRUEBAS DE TENSION TENSILE TEST				ANALISIS QUIMICO % EN PESO CHEMICAL ANALYSES PERCENT WEIGHT														
		LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. %	LEANT VSWTS	C	Min	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N
21A-11 Lc	208773	54 085	68 835	36	0.79	0.160	0.91	0.022	0.008	-	-	0.192	0.015	0.028	0.0031	0.016	0.024	-	-	0.0068
28A-5 Lc	208774	58 751	70 001	40	0.84	0.154	0.89	0.023	0.006	-	-	0.194	0.013	0.025	0.0027	0.021	0.025	-	-	0.0055
10A-12 Lc	208775	55 519	66 622	35	0.83	0.145	0.94	0.025	0.007	-	-	0.183	0.011	0.032	0.0008	0.015	0.022	-	-	0.0062
4A-11 Lc	208783	58 025	67 901	40	0.85	0.155	0.88	0.021	0.006	-	-	0.150	0.011	0.032	0.0024	0.015	0.023	-	-	0.0061
31A-11 Lc	208785	57 695	68 743	37	0.84	0.154	0.95	0.025	0.005	-	-	0.165	0.014	0.038	0.0021	0.016	0.025	-	-	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:

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

ASTM


INES FERRNANDO OSORIO-REREZ
GERENTE DE ASEGURAMIENTO DE CALIDAD
QUALITY ASSURANCE MANAGER