

PLM-005-7

PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD  
DE PRUEBAS FÍSICAS-QUÍMICAS

QUALITY CERTIFICATE OF TEST PHYSICAL-CHEMICAL

CLIENTE: TUCOTA

CUSTOMER:

PEDIDO CLIENTE / P.O.

PEDIDO INTERNO / I.O.

PARTIDA(S)

ITEMS

NUMERO PTM-47149/76-2001

NUMBER

FECHA


DATE

MAYO 23, 2001

TAMBAÑO 14" ESPESOR DE PARED 0.250" GRADO: ASTM A53-B PRESION HIDROSTATICA: 53 Kg/cm<sup>2</sup> 750 PSI  
WALL THICKNESS GRADE: ASTM A53-B

PRUEBAS DE TENSION TENSILE TEST ANALISIS QUÍMICO % EN PESO CHEMICAL ANALYSES PERCENT WEIGHT

NUMEROS DE DESCRIPCION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (PALL)	LA TIRADA TENSION TENSILE STRENGTH (PALL)	% ELONGACION % ELONGATION	DEFORMACION PERMANENTE PERMANENT STRAIN	C	Min	P	S	Cb	V	TH	SI	Cu	Al	Ca	Cr	NI	Mo	N	Ceq
14-3B TC TS	110058	54 131	68 388	40	0.78	0.134	0.88	0.017	0.006	-	-	-	0.186	0.015	0.029	0.0043	0.022	0.034	-	0.0058	-
17-1 TC TS	110059	54 908	75 860	41	0.76	0.136	0.91	0.017	0.005	-	-	-	0.201	0.017	0.038	0.0030	0.021	0.030	-	0.0060	-
20-6 TC TS	110267	51 808	75 890	40	0.80	0.130	0.90	0.025	0.006	-	-	-	0.131	0.031	0.030	0.0017	0.023	0.033	-	0.0056	-
10-1 TC TS	110515	51 248	70 118	41	0.76	0.160	0.91	0.017	0.005	-	-	-	0.215	0.020	0.042	0.0023	0.017	0.025	-	0.0058	-
2-17 TC TS	110518	48 594	72 484	40	0.69	0.160	0.89	0.017	0.006	-	-	-	0.189	0.014	0.035	0.0030	0.019	0.027	-	0.0044	-
4-18 TC TS	210263	53 763	74 687	41	0.83	0.121	0.87	0.013	0.006	-	-	-	0.186	0.015	0.027	0.0050	0.013	0.031	-	0.0047	-
15-6 TC TS	210264	51 731	70 050	41	0.78	0.140	0.98	0.014	0.006	-	-	-	0.206	0.015	0.043	0.0021	0.014	0.030	-	0.0078	-
547-9 TC TS	266561	66 245	66 706	31	0.79	0.102	0.92	0.025	0.005	-	-	-	0.220	0.015	0.036	0.0020	0.015	0.025	-	0.0050	-
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																					

  
 MRA. ERNANDO OSORIO PEREZ  
 GERENTE DE ASEGURAMIENTO DE CALIDAD  
 QUALITY ASSURANCE MANAGER