

PLM-005-7

PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD  
DE PRUEBAS FISICAS-QUIMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE:	TUCOTA	NUMERO	PTN-50780-1-2002
CUSTOMER:		NUMBER	
PEDIDO CLIENTE / P.O.	8075	FECHA	ENERO 14, 2002
PEDIDO INTERNO / I.O.		DATE	
PARTIDA (S)	25343-60		
ITEMS			

DIAMETRO: 10 3/4" ESPESOR DE PARED: 0.188" GRADO: API 5L X-42 PRESION HIDROSTATICA: 88 Kg/cm<sup>2</sup> 1250 PSI  
WALL THICKNESS: 0.188" GRADE: API 5L X-42 HIDROSTATIC TEST: 88 Kg/cm<sup>2</sup> 1250 PSI

PRUEBAS DE TENSION  
TENSILE TEST


CHEMICAL ANALYSES PERCENT WEIGHT

NUM. PROBE DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (F.S.I.)	ULTIMA TENSION TENSILE STRENGTH (F.S.I.)	% ELONG. 2"	LEQUT Y.S.T.S	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
9-7 TC TS	115092	48 571	62 640	40	0.78	0.137	0.97	0.012	0.005	-	-	-	0.174	0.021	0.043	0.0039	0.021	0.026	-	-	-
1-7 TC TS	115093	46 718	62 290	41	0.75	0.125	0.92	0.013	0.005	-	-	-	0.179	0.022	0.041	0.0044	0.017	0.031	-	-	-
			67 958																		

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:

API SPECIFICATION 5L  
FORTY-SECOND EDITION, JANUARY, 2000  
EFFECTIVE DATE: JULY 1, 2000

  
ING. FERNANDO OSORIO PEREZ  
GERENTE DE ASESURAMIENTO DE CALIDAD  
QUALITY ASSURANCE MANAGER