



PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD  
DE PRUEBAS FISICAS-QUIMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

DIAMETRO: 10 3/4" ESPESOR DE PARED: 0.500" GRADO: API 5L X-42  
 DIAMETRO: 10 3/4" WALL THICKNESS: 0.500" GRADE: API 5L X-42

CLIENTE: TUCOTA  
 CUSTOMER:  
 PEDIDO CLIENTE/P.O. 11739  
 PEDIDO INTERNO/L.O. PARTIDAS(S)  
 41782-20  
 PRESION HIDROSTATICA: 211 Kg/cm<sup>2</sup> 3000 PSI  
 ANALISIS QUIMICO % EN PESO  
 CHEMICAL ANALYSIS PERCENT WEIGHT

NUM. PROBEA / DESCRIPTION	COLADA / HEAT	LIMITE ELASTICO / YIELD STRENGTH (P.S.I.)	ULTIMA TENSION / TENSILE STRENGTH (P.S.I.)	% ELONG. / %	LEUT. / VAGTS	CHEMICAL ANALYSIS PERCENT WEIGHT														
						C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N
6-8 Tc	127862	61 426	75 005	40	0.82	0.161	1.10	0.015	0.007	0.001	0.002	0.003	0.213	0.041	0.035	0.0035	0.028	0.035	0.007	0.0050
10-7 Tc	127863	56 022	80 505	39	0.76	0.176	1.12	0.012	0.005	0.001	0.001	0.003	0.190	0.028	0.033	0.0028	0.018	0.027	0.005	0.0079
8-3 Tc	127865	60 712	78 544	39	0.83	0.181	1.10	0.015	0.007	0.001	0.002	0.003	0.213	0.041	0.035	0.0037	0.028	0.035	0.007	0.0050
3-14 Tc	127866	66 421	81 401	38	0.88	0.172	1.09	0.018	0.006	0.001	0.004	0.003	0.201	0.026	0.034	0.0020	0.017	0.026	0.004	0.0065
			75 538																	
			80 767																	

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:

API SPECIFICATION 5L

FORTY-SECOND EDITION, JANUARY, 2000

EFFECTIVE DATE: JULY 1, 2000

ROBERTO OSORIO PEREZ  
 GERENTE DE ASISTENCIA TECNICA

PROCARSA