



FIN-005-7

PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

DIAMETRO: 30" ESPESOR DE PARED: 0.375" GRADO: ASTM A53-B

WALL THICKNESS

GRADE:

ASTM A53-B

ANALISIS QUIMICO % EN PESO

56 Kg/cm²

790 PSI

PRENSION HIDROSTATICA: 39995.20

HIDROSTATIC TEST:

CHEMICAL ANALYSIS PERCENT WEIGHT

TEMPERATURA DE PRUEBA (FALL)	ORDENA DE PRUEBA	LIMITE ELASTICO YIELD STRENGTH (FALL)	ULTIMA TENSION TENSILE STRENGTH (FALL)	% REDUCCION DE AREA	ELONGACION EN TUBO	C	MA	P	S	CB	V	TI	SI	Cu	Al	Ca	Cr	NI	Mo	N	Ceq
30-11 TC	128585	51 939	70 791	37	0.73	0.171	1.11	0.017	0.008	0.001	0.004	0.004	0.225	0.019	0.043	0.0010	0.014	0.028	0.004	0.0057	
28-3 TC	128590	48 723	70 274	36	0.69	0.180	1.11	0.020	0.005	0.001	0.003	0.003	0.224	0.023	0.043	0.0018	0.019	0.029	0.004	0.0040	
10-11 TC	227020	51 239	77 622	35	0.70	0.180	1.13	0.014	0.005	0.001	0.002	0.002	0.179	0.015	0.034	0.0037	0.009	0.023	0.004	0.0040	
16-1 TC	227021	45 917	80 619	35	0.68	0.177	1.12	0.012	0.008	0.003	0.004	0.003	0.161	0.034	0.039	0.0020	0.025	0.030	0.012	0.0036	
			67 657																		
			75 312																		

3
1X1/8

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 A53-B-99

ING. FERNANDO OSORIO PEREZ
GERENTE DE GARANTIA DE CALIDAD

QUALITY ASSURANCE MANAGER

CLIENTE: TUCOTA
CUSTOMER:
PEDIDO CLIENTE / P.O. 11154/11144
PEDIDO INTERNO / I.O.
PARTIDA(S) 39995-20
PRENSION HIDROSTATICA: 39995.20
HIDROSTATIC TEST:
ANALISIS QUIMICO % EN PESO
56 Kg/cm²
790 PSI
NUMERO PTM-56838-1-46-2003
NUMBER
FECHA NOVIEMBRE 22, 2003
DATE