

FLM-005-7

PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE:	TUCOTA	NUMERO	PTM-50706-2002
CUSTOMER:		NUMBER	
PEDIDO CLIENTE / C.O.	8285	FECHA	ENERO 10, 2002
PEDIDO INTERNO / I.O.		DATE	
PARTIDA (S)	16796-30 / 24750-10		
ITEMS			

DIAMETRO: 10 3/4"

ESPESOR DE PARED
WALL THICKNESS

0.307"

GRADO:

ASTM A53-B

PRESION HIDROSTATICA:
HYDROSTATIC TEST:

84 Kg/cm²

1200 PSI

PRUEBAS DE TENSION
TENSILE TEST

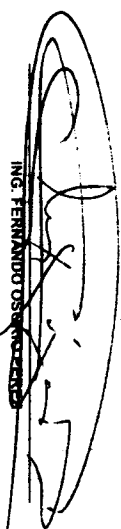
CHEMICAL ANALYSIS PERCENT WEIGHT

NUM. PROBE / DESCRIPCION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (F.S.I.)	ULTIMA TENSION TENSILE STRENGTH (F.S.I.)	% ELONG. 2"	LEAD YIELD S	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
11-9 Tc Ts	207885	53 170	67 830 73 513	39	0.78	0.144	0.93	0.017	0.007	-	-	-	0.205	0.015	0.040	0.0036	0.023	0.029	-	0.0062	
10-4 Tc Ts	214510	64 509	71 062 76 893	35	0.91	0.058	0.81	0.014	0.005	-	-	-	0.219	0.293	0.035	0.0027	0.019	0.029	-	0.0090	
9-7 Tc Ts	214511	64 559	73 306 77 519	35	0.88	0.069	0.83	0.014	0.004	-	-	-	0.204	0.271	0.032	0.0029	0.020	0.025	-	0.0090	

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


 ING. FERRNANDO OSUNA
 GERENTE DE ASEGURAMIENTO DE CALIDAD
 QUALITY ASSURANCE MANAGER