



FLM-005-7

PROCARSA, S.A. DE C.V.

CERTIFICADO DE CALIDAD  
DE PRUEBAS FISICAS-QUIMICAS

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE: TUCOTA  
CLIENT NUMBER: 6017  
PARTIDA (S): 16782-30  
ITEMS

NUMERO PTM-45772-2001  
FECHA DATE: FEBRERO 21, 2001

TAMANO: 12 3/4" ESPESOR DE PARED: 0.375" GRADO: ASTM A53-B PRESION HIDROSTATICA: 87 Kg/cm<sup>2</sup> 1240 PSI  
SIZE: 12 3/4" WALL THICKNESS: 0.375" GRADE: ASTM A53-B HYDROSTATIC TEST: 87 Kg/cm<sup>2</sup> 1240 PSI

NUM. PROBEA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (KSI)	ULTIMA TENSION TENSILE STRENGTH (KSI)	% ELONG. 1"	LEAD INCHES	ANALISIS QUIMICO % EN PESO CHEMICAL ANALYSIS PERCENT WEIGHT														
						C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N
6-16 TC TS	107995	53 186	64 709 71 884	40	0.82	0.160	0.95	0.016	0.005	-	-	-	0.165	0.021	0.026	0.0012	0.017	0.021	-	0.0058

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. FERNANDO OSORIO PEREZ  
GERENTE DE ASEGURAMIENTO DE CALIDAD  
QUALITY ASSURANCE MANAGER