

PROCARSA, S.A. DE CV.

CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS

CLIENTE: PESA ANAHUAC Y GAS, S.A. DE CV.

CUSTOMER:

PEDIDO CLIENTE / P.O.

PARTIDA(S) 012

ITEMS 66827-20 / 67567-10 / 66823-40

NUMERO PTM-62740-2005

FECHA

DATE SEPTIEMBRE 08, 2005

QUALITY CERTIFICATE OF TEST PHYSICAL-CHEMICAL

DIAMETRO: 10.34"

DIAMETER: 10.34"

ESPELOR DE PARED
WALL THICKNESS

0.365"

GRADO:
GRADE:

ASTM A53-B

PRESION HIDROSTATICA:
HYDROSTATIC TEST:

101 Kg/cm²

1430 PSI

HOLA 2 DE 2

TENSILE TEST

CHEMICAL ANALYSES PERCENT WEIGHT

NUM/PROBETA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (PSI)	ULTIMATENSION TENSILE STRENGTH (PSI)	% ELONG. 2"	LEUT A STS	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
169-3 Tc Ts	255922	50 670	70 938 81 972	38	0.71	0.168	1.10	0.015	0.006	0.001	0.003	0.003	0.179	0.030	0.027	0.0024	0.020	0.030	0.007	0.0049	
160-9 Tc Ts	255923	50 871	67 520 76 434	38	0.75	0.172	1.10	0.013	0.006	0.001	0.002	0.002	0.165	0.030	0.044	0.0022	0.010	0.040	0.008	0.0053	
147-10 Tc Ts	255925	55 712	70 325 77 662	36	0.79	0.173	1.12	0.013	0.006	0.001	0.002	0.002	0.170	0.030	0.037	0.0029	0.020	0.040	0.007	0.0042	
159-7 Tc Ts	255926	55 503	70 304 77 770	40	0.79	0.165	1.09	0.015	0.005	0.001	0.002	0.003	0.187	0.030	0.032	0.0024	0.020	0.040	0.007	0.0047	

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 -02

ING. FERNANDO OSORIO PEREZ

GERENTE DE ASEURAMIENTO DE CALIDAD

