

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CUSTOMER:

PEDIDO CLIENTE / P.O. 13005

FECHA

MARZO 03, 2005

PEDIDO INTERNO / I.O. PARTIDA(S)

62624-70 / 63180-10

DATE

ITEMS

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DIAMETRO : 20" ESPESOR DE PARED WALL THICKNESS 0.250"

GRADO : ASTM A53-B

PRESION HIDROSTATICA: 37 Kg/cm²

520 PSI

PRUEBAS DE TENSION TENSILE TEST

CHEMICAL ANALYSES PERCENT WEIGHT

NUM. PROBEA DESCRIPTION	COLADA HEAT	UNITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LETT VENTS	C	Min	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Cc
3-5 TC TS	248131	54 677	71 080	37	0.77	0.174	1.10	0.011	0.006	0.003	0.004	0.003	0.190	0.020	0.028	0.0037	0.020	0.030	0.01	0.0040	
2-5 TC TS	248132	59 944	72 205	36	0.83	0.179	1.13	0.015	0.004	0.003	0.005	0.003	0.200	0.020	0.031	0.0023	0.030	0.030	0.011	0.0050	
2-4 TC TS	250298	57 851	71 625	35	0.81	0.150	1.09	0.010	0.009	0.002	0.004	0.003	0.170	0.020	0.041	0.0027	0.020	0.040	0.006	0.0050	
1-3 TC TS	250299	58 419	71 733	33	0.81	0.156	1.10	0.014	0.007	0.003	0.005	0.003	0.180	0.030	0.033	0.0027	0.060	0.050	0.017	0.0060	

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 ASEGURAMIENTO DE CALIDAD

