



FLM-005-7

068194

**CERTIFICADO DE CALIDAD  
DE PRUEBAS FISICAS-QUIMICAS**

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE: TUCOTA

CUSTOMER:

PEDIDO CLIENTE / P.O. 11336

PEDIDO INTERNO / I.O. PARTIDA (S) 33944-40

PRESSION HIDROSTATICA: 79 Kg/cm<sup>2</sup> 1120 PSI

ANALISIS QUIMICO % EN PESO

HIDROSTATIC TEST:

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GRADO:

0.375"

ESPESOR DE PARED

WALL THICKNESS

DIAMETRO: 14"

PRUEBAS DE TENSION

TENSILE TEST

MANUFACTURA DESCRIPCION	GRABA HEAT	LIMITE ELASTICO YIELD STRENGTH (PSI)	ULTIMA TENSION TENSILE STRENGTH (PSI)	% ELONG. %	LONG. INCHES	C	Ma	P	S	Cb	V	Ti	SI	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
1-8 Tc Ts	121135	51 477	64 482	42	0.80	0.137	0.85	0.017	0.007	-	-	-	0.175	0.012	0.035	0.0003	0.019	0.028	-	-	-
16-2 Tc Ts	121136	55 850	70 175	38	0.87	0.143	0.83	0.017	0.009	-	-	-	0.176	0.016	0.039	0.0005	0.017	0.029	-	-	-
27-8 Tc Ts	121168	55 173	64 454	42	0.85	0.142	0.83	0.018	0.006	-	-	-	0.217	0.014	0.045	0.0027	0.015	0.024	-	-	-
21-4 Tc Ts	121169	55 804	68 633	45	0.85	0.142	0.81	0.018	0.006	-	-	-	0.192	0.015	0.037	0.0018	0.016	0.026	-	-	-
20-16 Tc Ts	121170	56 928	64 208	41	0.89	0.124	0.79	0.024	0.010	-	-	-	0.166	0.015	0.035	0.0023	0.011	0.025	-	-	-
4-6B Tc Ts	121171	54 571	74 733	41	0.87	0.137	0.81	0.020	0.008	-	-	-	0.202	0.014	0.030	0.0025	0.019	0.029	-	-	-
25-8 Tc Ts	121172	58 848	62 475	40	0.88	0.135	0.81	0.012	0.010	-	-	-	0.212	0.014	0.042	0.0028	0.020	0.023	-	-	-
13-14 Tc Ts	221152	54 448	64 500	42	0.84	0.139	0.81	0.015	0.006	-	-	-	0.198	0.011	0.038	0.0028	0.018	0.022	-	-	-

CERTIFICAMOS QUE LA TUBERIA AQUI DESCRITA CUMPLE Y HA SIDO FABRICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO CON LOS REQUISITOS APLICABLES DE LA ESPECIFICACION:

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WE CERTIFY THE PIPE ABOVE MENTIONED ACCOMPLISH AND HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SPECIFICATIONS:

ING. FERRNANDO OSORIO PEREZ  
GERENTE DE ASEGURAMIENTO DE CALIDAD

QUALITY ASSURANCE MANAGER