



QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

ITEM: 10 3/4" ESPEJOR DE PARED 0.365" GRADO: API 5L X-42
 WALL THICKNESS 0.365" GRADE: API 5L X-42
 PRESSION HIDROSTATICA: 170 Kg/cm²
 2420 PSI
 ANALISIS QUIMICO % EN PESO
 HIDROSTATIC TEST: CHEMICAL ANALYSIS PERCENT WEIGHT

PRUEBAS DE TENSION				CHEMICAL ANALYSIS PERCENT WEIGHT																
TENSILE TEST				C	Min	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq	
PROBETA CORTEO	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (Q ₂₁₁)	ULTIMA TENSION TENSILE STRENGTH (Q ₂₁₁)	% ELONG. 1"	LEAD MM/2															
33-12 TC Ts	136365	52 722	71 893 79 058	35	0.73	0.180	1.12	0.013	0.010	0.001	0.003	0.004	0.298	0.078	0.037	0.0028	0.017	0.027	0.004	0.0039
36-15 TC Ts	136366	55 748	74 011 82 766	36	0.75	0.170	1.12	0.016	0.005	0.001	0.005	0.004	0.260	0.046	0.044	0.0032	0.019	0.025	0.008	0.0069
42-16 TC Ts	236084	57 561	71 487 77 439	36	0.81	0.176	1.12	0.015	0.006	0.001	0.003	0.003	0.281	0.050	0.042	0.0030	0.020	0.036	0.005	0.0049

FIGAMOS QUE LA TUBERIA ACUÍ DESCRITA CUMPLE Y HA SIDO
 ICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO
 OS 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:

API SPECIFICATION 5L

FORTY-SECOND EDITION, JANUARY, 2000

EFFECTIVE DATE: JUNE 1, 2000

ING. FERNANDO OSORIO PEREZ
 GERENTE DE ASEGURAMIENTO DE CALIDAD