

R EMPRESAS RIGA, S.A de C.V.

CONEXIÓN SOLDABLE

CARR. MTY-LAREDO KM. 24.2

APARTADO POSTAL 43 C.P. 65550 CIÉNEGA DE FLORES, N.L., MÉXICO

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Certificate 95/5377

CERTIFICADO DE CALIDAD No.: (CERTIFIED TEST REPORT):	3939	LISTA DE EMPAQUE: PACKING LIST:	3020	FECHA: DATE:	SEPTIEMBRE 18 de 1998
VENDIDO A: SOLD TO:	TUBERIA Y VALVULAS DEL NORTE, S.A. DE C.V. RETORNO SAN BUENAVENTURA NO. 12 FRACC. INDUSTRIAL SAN BUENAVENTURA TLALNEPANTLA, EDO. DE MEXICO			PEDIDO DEL CLIENTE No. CUSTOMERS ORDER No.	EMBARCADO A: SHIP ID: LOS MISMOS

PRUEBAS MECANICAS

CANT.	COLADA HEAT CODE	DESCRIPTION	ESF. DE CEDENCIA YIELD STRENGTH (PSI)	ESF. RUPTURA TENSILE STRENGTH (PSI)	ELONGACION ELONGATION % 2"	DUREZA HARDNESS HB
127	UM2	CODO R.L. 18 X 90 CND STD	47974	70684	37	139
87	TR2	CODO 12 X 45 CND STD	46271	70258	42	146
2	UM2	CODO 12 X 45 CND STD	50955	74516	39	137
200	UP2	TEE 4 CND STD	52900	75200	30	150
25	RO2	TEE 8 CND STD	50245	75792	38	140
22	UI2	TEE 10 CND STD	47974	71961	39	139
7	PO2	TEE 10 CND STD	44426	70258	44	143
10	JU2	TEE RED. 4 X 2 CND XS	50300	72700	40	137
8	BY2	TEE RED. 8 X 3 CND STD	46554	71819	40	96
10	BO2	TEE RED. 8 X 5 CND XS	41303	70115	41	129

ANALISIS QUIMICO

COLADA HEAT CODE	C.E.	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Nb
UM2	0.318	0.104	0.690	0.004	0.002	0.280	0.030	0.079	0.021	0.060	0.000	0.000
TR2	0.320	0.103	0.700	0.006	0.002	0.290	0.050	0.080	0.010	0.050	0.000	0.000
UM2	0.347	0.109	0.670	0.006	0.002	0.280	0.030	0.055	0.008	0.030	0.000	0.000
UP2	0.340	0.100	0.730	0.015	0.002	0.360	0.090	0.160	0.030	0.070	0.003	0.000
RO2	0.367	0.210	0.810	0.003	0.003	0.260	0.050	0.063	0.020	0.040	0.000	0.000
UI2	0.323	0.104	0.730	0.005	0.001	0.270	0.030	0.079	0.017	0.040	0.000	0.000
PO2	0.337	0.105	0.790	0.005	0.002	0.290	0.040	0.071	0.023	0.050	0.000	0.000
JU2	0.307	0.200	1.060	0.009	0.008	0.230	0.030	0.020	0.010	0.020	0.000	0.003
BY2	0.313	0.102	0.780	0.008	0.002	0.280	0.030	0.053	0.015	0.030	0.000	0.000
BO2	0.348	0.107	0.830	0.006	0.003	0.280	0.030	0.063	0.036	0.040	0.000	0.000

LOS PRODUCTOS MANUFACTURADOS POR EMPRESAS RIGA, S.A. de C.V. ESTAN CONFORME A LAS SIGUIENTES ESPECIFICACIONES:

CC-008

PRODUCTS MANUFACTURED BY EMPRESAS RIGA, S.A. de C.V. ARE CONFORMING TO FOLLOWING SPECIFICATIONS:

STARTING MATERIAL SEAMLESS PIPE ASTM A-106 GRADE B-95.

ASTM A-734 WPB-95, ASME SA 234 WPB, ASME B 16.9-93 Y ASME B16.28-94, NACE MR 0175

CONEXIONES SIN COSTURA, FORJADO EN CALIENTE Y NORMALIZADO
SEAMLESS FITTINGS, HOT FORMED AND NORMALIZED

GERENTE CONTROL DE CALIDAD:
QUALITY CONTROL MANAGER:

ING. PEDRO HERNANDEZ FLORES.