

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: 2849		FECHA: DATE: AGOSTO 27 de 1997	
VENDIDO A: SOLD TO: TUBERIA Y VALVULAS DEL NORTE, S.A. DE C.V. RETORNO SAN BUENAVENTURA 12 TLALNEPANTLA, MEXICO D.F.		PEDIDO DEL CLIENTE No. CUSTOMERS ORDER No.	EMBARCADO A: SHIP TO: 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
27	EN2	CODO R.L. 8 X 90 CED STD	49535	72103	37	153
14	FM2	CODO R.L. 8 X 90 CED STD	48542	74232	36	142
11	GC2	CODO R.L. 8 X 90 CED STD	45845	74374	36	142
6	ES2	CODO R.L. 8 X 90 CED STD	47406	71535	40	142
127	GL2	CODO R.L. 10 X 90 CED XS	49110	71819	40	142
20	AE2	CODO R.L. 12 X 90 CED XS	47832	73522	39	127
127	GU2	CODO R.L. 16 X 90 CED STD	43006	70684	42	142
27	GI2	TEE 10 CED XS	46413	71677	46	---

ANALISIS QUIMICO

COLADA HEAT CODE	C.E.	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Nb
EN2	0.321	0.177	0.720	0.004	0.002	0.230	0.040	0.080	0.021	0.090	0.000	0.000
FM2	0.345	0.200	0.690	0.006	0.001	0.310	0.070	0.070	0.042	0.040	0.000	0.000
GC2	0.306	0.179	0.680	0.004	0.001	0.270	0.020	0.073	0.014	0.030	0.000	0.000
ES2	0.316	0.180	0.680	0.005	0.003	0.280	0.040	0.080	0.029	0.060	0.000	0.000
GL2	0.319	0.183	0.700	0.003	0.001	0.270	0.040	0.077	0.017	0.040	0.000	0.000
AE2	0.326	0.186	0.750	0.007	0.002	0.270	0.030	0.074	0.008	0.030	0.000	0.000
GU2	0.322	0.187	0.720	0.002	0.003	0.290	0.030	0.071	0.010	0.040	0.000	0.000
GI2	0.321	0.187	0.780	0.003	0.002	0.290	0.030	0.080	0.020	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.

ASTM A-234 WPB, ASME SA 234 WPB, ANSI B 16.9 Y ANSI B16.28

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.