

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 Q5377

CERTIFICADO DE CALIDAD No.: 8706 CERTIFIED TEST REPORT:	LISTA DE EMPAQUE: 5249 PACKING LIST:	FECHA: MAYO 30 de 2002 DATE:
VENDIDO A: TUBOS CONEXIONES Y TANQUES, S.A. DE C.V. SOLD TO: AVE. VALLE DE LAS ALMEDAS No. 66 SAN FRANCISCO CHILPAN TULTI., MEXCIO, 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
100	ZL4	RED. CONC. 2 X 1 1/2 CED STD	59748	73547	38	126
80	OR4	RED. CONC. 2 X 1 1/2 CED XS	45861	74294	29	131
50	YO4	RED. CONC. 3 X 1 1/2 CED STD	54726	74799	35	136
50	ZX4	RED. CONC. 3 X 2 CED STD	56875	72637	42	140
50	YO4	RED. CONC. 3 X 2 1/2 CED STD	54726	74799	35	136
50	XC4	RED. CONC. 4 X 3 CED STD.	51440	70532	38	137
50	ZW4	RED. CONC. 6 X 4 CED STD	58031	68526	30	137
50	YJ4	RED. CONC. 8 X 6 CED STD	49937	71000	30	139
30	AG5	RED. CONC. 8 X 6 CED XS	59514	71212	31	136

ANALISIS QUIMICO

COLADA HEAT CODE	C.E.	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Nb
ZL4	0.315	0.170	0.750	0.007	0.001	0.270	0.050	0.064	0.017	0.040	0.000	0.000
OR4	0.313	0.181	0.750	0.010	0.000	0.361	0.018	0.038	0.003	0.001	0.002	0.000
YO4	0.312	0.180	0.680	0.008	0.002	0.270	0.040	0.080	0.014	0.040	0.000	0.000
ZX4	0.323	0.180	0.740	0.004	0.003	0.280	0.040	0.075	0.016	0.050	0.000	0.000
YO4	0.312	0.180	0.680	0.008	0.002	0.270	0.040	0.080	0.014	0.040	0.000	0.000
XC4	0.300	0.160	0.730	0.003	0.002	0.270	0.040	0.072	0.015	0.040	0.000	0.000
ZW4	0.318	0.180	0.689	0.006	0.004	0.368	0.035	0.109	0.027	0.040	0.002	0.000
YJ4	0.301	0.173	0.631	0.004	0.000	0.387	0.048	0.094	0.021	0.040	0.002	0.000
AG5	0.293	0.175	0.625	0.003	0.003	0.343	0.024	0.077	0.005	0.030	0.002	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. ACORDING TO DIN 50049/3.1. B / EN 10204/3.1. B

ASTM A 234 / ASME SA 234 WPB, ASME B16.9, ASME B16.28 AND NACE MR 0175.

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

GERENTE DE ASEGURAMIENTO DE CALIDAD:

QUALITY ASSURANCE MANAGER:

ING. JOSE MARTINEZ MACIAS.

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