

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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CERTIFICADO DE CALIDAD No.: 9056 LISTA DE EMPAQUE: 5413 CERTIFIED TEST REPORT: PACKING LIST:	FECHA: AGOSTO 8 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., 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
100	HQ4	TEE 2 CED XS	50600	71900	36	125
147	GH5	TEE 4 CED STD	47485	72708	40	136
3	CQ5	TEE 4 CED STD	41359	80788	34	135
24	FJ5	TEE 5 CED STD	47855	69379	41	139
20	DH5	TEE 10 CED STD	47613	69180	44	141
2	UQ4	TEE 12 CED STD	48851	73400	33	146
28	GV5	TEE 12 CED STD	52393	70673	46	144
150	YD4	RED. CONC. 2 X 1 CED STD	63561	77715	36	124
100	ZL4	RED. CONC. 2 X 1 1/2 CED STD	59748	73547	38	126
150	BS5	RED. CONC. 2 1/2 X 2 CED STD	49904	69621	41	126
100	ZX4	RED. CONC. 3 X 2 1/2 CED STD	56875	72637	42	140

ANALISIS QUIMICO

COLADA HEAT CODE	C.E.	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Nb
HQ4	0.313	0.160	0.800	0.008	0.003	0.210	0.070	0.010	0.020	0.020	0.000	0.000
GH5	0.299	0.170	0.670	0.007	0.002	0.280	0.030	0.066	0.023	0.030	0.000	0.000
CQ5	0.292	0.160	0.660	0.006	0.002	0.270	0.050	0.061	0.030	0.030	0.000	0.000
FJ5	0.304	0.170	0.660	0.005	0.003	0.270	0.050	0.064	0.037	0.040	0.000	0.000
DH5	0.309	0.170	0.700	0.006	0.003	0.290	0.040	0.078	0.033	0.040	0.000	0.000
UQ4	0.307	0.170	0.662	0.007	0.003	0.344	0.041	0.075	0.008	0.174	0.003	0.000
GV5	0.304	0.170	0.690	0.006	0.003	0.280	0.040	0.070	0.016	0.040	0.000	0.000
YD4	0.316	0.180	0.680	0.005	0.002	0.260	0.040	0.079	0.028	0.060	0.000	0.000
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
BS5	0.319	0.120	1.050	0.011	0.000	0.250	0.040	0.110	0.030	0.030	0.001	0.001
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

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. ACCORDING 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. JOSÉ MARTÍNEZ MACÍAS.

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