



Certificate Q5377

CERTIFICADO DE CALIDAD No.: CERTIFIED TEST REPORT:	8486	LISTA DE EMPAQUE : PACKING LIST:	5159	FECHA: DATE:	MARZO 14 de 2002
VENDIDO A: SOLD TO:	FERRETERA ANAHUAC, S.A. DE C.V. AVE. VALLE DE LAS ALMEDAS No. 66 SAN FRANCISCO CHILPAN TULTIT., 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	GH4 •	TEE 2 1/2 CED STD	47800	71500	33	130
71	XC4 •	RED. CONC. 4 X 2 CED STD	51440	70532	38	137
29	ST4 •	RED. CONC. 4 X 2 CED STD	49349	70389	47	135
100	XL4 •	RED. CONC. 4 X 3 CED STD	52479	71769	38	131
10	YY4 •	RED. CONC. 14 X 8 CED STD	48225	73106	40	143
1	YY4 •	RED. CONC. 14 X 10 CED STD	48225	73106	40	143
2	YY4 •	RED. CONC. 14 X 12 CED STD	48225	73106	40	143

ANALISIS QUIMICO

COLADA HEAT CODE	C.E.	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Nb
GH4	0.342	0.200	0.760	0.013	0.002	0.220	0.050	0.020	0.010	0.030	0.002	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
ST4	0.308	0.180	0.660	0.007	0.002	0.310	0.040	0.062	0.020	0.030	0.000	0.000
XL4	0.312	0.170	0.690	0.005	0.001	0.260	0.050	0.074	0.046	0.050	0.000	0.000
YY4	0.328	0.180	0.730	0.006	0.002	0.300	0.060	0.092	0.029	0.040	0.000	0.000
YY4	0.328	0.180	0.730	0.006	0.002	0.300	0.060	0.092	0.029	0.040	0.000	0.000
YY4	0.328	0.180	0.730	0.006	0.002	0.300	0.060	0.092	0.029	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. 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.

GERENTE DE ASEGURAMIENTO DE CALIDAD:

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

QUALITY ASSURANCE MANAGER:


ING. JOSE MARTINEZ MACIAS.
 e-mail jmartinez@empresasriga.com