

CONEXIÓN SOLDABLE

CARR. MTY-LAREDO KM. 24.2

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

TELS.- (8) 344-84-83, 344-84-45, 344-88-60

FAX:(8) 344-88-01



Certificate Q5377

| | | | | | |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------|------|-----------------------------------------------|-------------------------------------|
| CERTIFICADO DE CALIDAD No.: CERTIFIED TEST REPORT: | 8546 | LISTA DE EMPAQUE: PACKING LIST: | 5177 | FECHA: DATE: | MARZO 22 de 2002 |
| VENDIDO A: SOLD TO: | FERRETERA ANAHUAC, S.A. DE C.V. AVE. VALLE DE LAS ALMEDAS No. 66 SAN FRANCISCO C TULTITLAN, 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 |
|-------|---------------------|---------------------------|---------------------------------------------|-------------------------------------------|----------------------------------|--------------------------|
| 10 | YT4 | CODO R.L. 8 X 90 CED XS | 42478 | 70503 | 42 | 141 |
| 40 | VF4 | CODO R.L. 8 X 90 CED XS | 49157 | 72682 | 33 | 144 |
| 80 | OH4 | CODO R.L. 10 X 90 CED STD | 54076 | 73784 | 32 | 139 |
| 17 | EN4 | CODO R.L. 12 X 90 CED STD | 54822 | 72409 | 36 | 121 |
| 1 | EF4 | CODO R.L. 12 X 90 CED STD | 48748 | 71101 | 36 | 120 |
| 18 | GU4 | CODO R.L. 12 X 90 CED STD | 44319 | 73782 | 32 | 131 |
| 14 | OC4 | CODO R.L. 12 X 90 CED STD | 49863 | 71537 | 33 | 131 |
| 2 | ZC4 | CODO R.L. 12 X 90 CED STD | 48068 | 71228 | 41 | 143 |

ANALISIS QUIMICO

| COLADA HEAT CODE | C.E. | C | Mn | P | S | Si | Cr | Cu | Mo | Ni | V | Nb |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| YT4 | 0.332 | 0.190 | 0.730 | 0.007 | 0.002 | 0.270 | 0.050 | 0.062 | 0.017 | 0.040 | 0.000 | 0.000 |
| VF4 | 0.302 | 0.165 | 0.642 | 0.003 | 0.002 | 0.302 | 0.037 | 0.111 | 0.012 | 0.189 | 0.002 | 0.000 |
| OH4 | 0.316 | 0.191 | 0.653 | 0.008 | 0.000 | 0.398 | 0.040 | 0.079 | 0.005 | 0.026 | 0.002 | 0.000 |
| EN4 | 0.307 | 0.192 | 0.597 | 0.003 | 0.001 | 0.317 | 0.034 | 0.074 | 0.005 | 0.034 | 0.002 | 0.000 |
| EF4 | 0.310 | 0.192 | 0.608 | 0.006 | 0.001 | 0.312 | 0.033 | 0.092 | 0.002 | 0.049 | 0.002 | 0.000 |
| GU4 | 0.306 | 0.181 | 0.672 | 0.004 | 0.002 | 0.339 | 0.016 | 0.089 | 0.002 | 0.050 | 0.002 | 0.000 |
| OC4 | 0.319 | 0.183 | 0.728 | 0.008 | 0.001 | 0.350 | 0.040 | 0.088 | 0.002 | 0.001 | 0.002 | 0.000 |
| ZC4 | 0.315 | 0.170 | 0.750 | 0.014 | 0.003 | 0.270 | 0.050 | 0.072 | 0.018 | 0.030 | 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. 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.

e-mail jmartinez@empresasriga.com