**WALWORTH®**

*Industrial de Válvulas, S.A. de C.V.*
Av. de la Industria Lote 16 Fracc. Industrial el Trébol
Tepotzotlán, Estado de México C.P. 54600

(NUMERO) **NUMBER:** V04C14248
(FECHA) **DATE:** 14/12/2004

# QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE
# ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO

**WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE OF THE FOLLOWING STANDARS:**

CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES

| | |
|---|---|
| API 6D | - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK |
| API 600 | - STEEL GATE VALVES - FLANGED AND BUT-WELDING ENDS |
| API 598 | - VALVE INSPECTION AND TESTING |
| API 599 | - METAL PLUG VALVES - FLANGED AND WELDING ENDS |
| ANSI B16 .10 | - FACE TO FACE AND END TO END DIMENSIONS OF VALVES |
| ANSI B16 .34 | - VALVES - FLANGED, THREADED, AND WELDING ENDS |
| MSS-SP61 | - PRESSURE TESTING OF STEEL VALVES |

**PART. No.:** (CODIGO) Q11076

**DESCRIPTION:** (DESCRIPCION) 10" FIG. 5202 F NT NCB, API TRIM No.8
CAST STEEL GATE VALVE (VALVULA COMPUERTA DE ACERO FUNDIDO)
VALVE WITH LOW EMISSION CONTROL (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES)
(FUGITIVAS A 50 PPM'S MAX)

| PRESSURE TESTS (PRUEBAS DE PRESION) | SHELL (CASCO) | BACK SEAT | SIDE (LADO) 1 | SIDE (LADO) 2 |
|---|---|---|---|---|
| HYDROSTATIC (PSI) (HIDROSTATICA) | 450 | 450 | 315 | 315 |
| PNEUMATIC (PSI) (NEUMATICA) | | | 80 | 80 |

| ITEM (PARTE) | HEAT No. (COLADA) | CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA) MATERIAL (ASTM) | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | W | MECHANICAL TESTS (PROP. MECANICAS) TENS KPSI | YIELD KPSI | ELG % | RED % | BHN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | CVN@ | 1ST | 2ND | 3RD | AVG |
| BODY (CUERPO) | 004849 | A 216 WCB | 0.220 | 0.740 | 0.030 | 0.024 | 0.500 | 0.050 | 0.050 | 0.030 | 0.040 | 0.010 | | 84.24 | 40.31 | 30.0 | 44.0 | 140 |
| BONNET COVER (BONETE TAPA) | 004877 | A 216 WCB | 0.180 | 0.720 | 0.032 | 0.025 | 0.500 | 0.030 | 0.080 | 0.020 | 0.040 | 0.010 | | 84.53 | 40.74 | 26.0 | 42.0 | 140 |
| WEDGE DISK PLUG (DISCO) | 00591 | A 216 WCB | 0.200 | 0.870 | 0.017 | 0.018 | 0.460 | 0.070 | 0.110 | 0.010 | 0.070 | 0.010 | | 76.41 | 46.69 | 30.0 | 43.0 | 140 |

**CERTIFIED BY:**
**QUALITY ASSURANCE**
CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD