**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:** V04G162
(FECHA) **DATE:** 29/02/2004

# 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) 02609P

**DESCRIPTION:** (DESCRIPCION) 4" FIG. 5275 F UT WCB, API TRIM No.8
CAST STEEL GLOBE VALVE (VALVULA GLOBO 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 | N A |
| PNEUMATIC (PSI) (NEUMATICA) | | | 80 | N-A |

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | W | TENS KPSI CVN@ | YIELD KPSI 1ST | ELG % 2ND | RED % 3RD | BHN AVG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA) | | | | | | | | | | | | MECHANICAL TESTS (PROP. MECANICAS) | | | | |
| BODY (CUERPO) | 5455 | A 216 WCB | 0.230 | 0.880 | 0.024 | 0.017 | 0.430 | 0.018 | 0.032 | 0.080 | 0.038 | 0.004 | | 79.75 | 51.47 | 24.0 | 48.0 | 152 |
| BONNET COVER (BONETE TAPA) | 5451 | A 216 WCB | 0.230 | 0.900 | 0.031 | 0.030 | 0.560 | 0.101 | 0.190 | 0.063 | 0.031 | 0.005 | | 76.12 | 45.67 | 29.0 | 54.0 | 148 |
| WEDGE DISK PLUG (DISCO) | 242-04. | 108 1018 | 0.172 | 0.662 | 0.008 | 0.018 | 0.228 | 0.096 | 0.099 | 0.020 | 0.146 | 0.000 | | 0.00 | 0.00 | 0.0 | 0.0 | 0 |

**CERTIFIED BY:** CERTIFICADO POR:

QUALITY ASSURANCE
ASEGURAMIENTO DE CALIDAD

FAC10-21 REV "1"