**WALWORTH®**

*Industrial de Válvulas, S.A. de C.V.*
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(NUMERO) **NUMBER:** V03C2768
(FECHA) **DATE:** 18 JUN 03

# 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) 2578OP

**DESCRIPTION:** (DESCRIPCION) 2" FIG. 5202 F UT WCB, API TRIM No. 8
VALV. COMP. DE ACERO FUND.

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 | N A | N A |
| PNEUMATIC (PSI) (NEUMATICA) | | | 80 | 80 |

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | W | MECHANICAL TESTS (PROP. MECANICAS) TENS KPSI CVN@ | YIELD KPSI 1ST | ELG % 2ND | RED % 3RD | BHN AVG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA) | | | | | | | | | | | | | | | | |
| CUERPO | 3141 | A 216 WCB | 0.230 | 0.830 | 0.023 | 0.016 | 0.470 | 0.025 | 0.024 | 0.001 | 0.033 | 0.003 | | 78.61 | 51.48 | 25.0 | 56.0 | 155 |
| BONETE-TAPA | 5365 | A 216 WCB | 0.200 | 0.920 | 0.029 | 0.020 | 0.520 | 0.030 | 0.033 | 0.005 | 0.035 | 0.003 | | 76.86 | 48.58 | 29.0 | 56.0 | 150 |
| CUNA-DISCO-TAPON | B4042 | A 217 CA15 | 0.090 | 0.880 | 0.015 | 0.018 | 0.800 | 0.040 | 13.100 | 0.017 | 0.036 | 0.002 | | 99.64 | 67.44 | 26.0 | 56.0 | 270 |

**CERTIFIED BY:**

QUALITY ASSURANCE
CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

FAC10-21 REV "1"