**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:** V05R328
(FECHA) **DATE:** 25/02/2005

# 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) 01615S

**DESCRIPTION:** (DESCRIPCION) 2" FIG. 5341 F UT WCB, API TRIM No.8
CAST STEEL SWING CHECK VALVE (VALVULA RETENCION TIPO COLUMPIO 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 | N A | N A | 315 |
| PNEUMATIC (PSI) (NEUMATICA) | | | N A | 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) | J0269 | A 216 WCB | 0.200 | 0.800 | 0.023 | 0.034 | 0.400 | 0.100 | 0.220 | 0.030 | 0.070 | 0.001 | | 72.64 | 44.00 | 32.0 | 53.0 | 146 |
| BONNET COVER (BONETE TAPA) | J0200 | A 216 WCB | 0.230 | 0.900 | 0.020 | 0.014 | 0.440 | 0.034 | 0.138 | 0.009 | 0.036 | 0.004 | | 72.50 | 43.50 | 29.0 | 54.0 | 141 |
| WEDGE DISK PLUG (DISCO) | E4159 | A 216 WCB | 0.230 | 0.830 | 0.028 | 0.031 | 0.430 | 0.027 | 0.034 | 0.008 | 0.039 | 0.004 | | 76.85 | 51.18 | 27.0 | 56.0 | 164 |

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

FAC10-21 REV "1"