**WALWORTH®**

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(NUMERO) **NUMBER:** V03R2246
(FECHA) **DATE:** 28/10/2003

# 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 STANDARDS:**

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) 01416N

**DESCRIPTION:** (DESCRIPCION) 3" FIG. 5344 F AA WCB, API TRIM No.1
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) | 1125 | N A | N A | 815 |
| 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) | J2900 | A 216 WCB | 0.210 | 0.940 | 0.036 | 0.026 | 0.480 | 0.018 | 0.022 | 0.001 | 0.024 | 0.005 | | 76.13 | 44.95 | 27.0 | 50.0 | 148 |
| BONNET COVER (BONETE TAPA) | S3073 | ASTM A105 | 0.200 | 0.800 | 0.020 | 0.020 | 0.220 | 0.080 | 0.100 | 0.001 | 0.040 | 0.000 | | 77.58 | 50.03 | 24.0 | 49.0 | 160 |
| WEDGE DISK PLUG (DISCO) | C2835 | 217 CA15 | 0.090 | 0.700 | 0.020 | 0.010 | 0.840 | 0.500 | 13.300 | 0.270 | 0.000 | 0.000 | | 105.27 | 76.27 | 25.0 | 34.0 | 255 |

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