**WALWORTH®**

*Industrial de Válvulas, S.A. de C.V.*
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(NUMERO) **NUMBER:** V06R7176
(FECHA) **DATE:** 22/09/2006

# 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) 75719P

**DESCRIPTION:** (DESCRIPCION) 4" 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) | WH8577 | A-216/WCB | 0.199 | 0.894 | 0.024 | 0.023 | 0.517 | 0.051 | 0.012 | 0.009 | 0.025 | 0.002 | | 76.99 | 47.70 | 24.0 | 44.0 | 165 |
| Normalizated to 930 ºC.. Cooled in air. (Normalizado a 930 ºC.. Enfriado en aire.) | | | | | | | | | | | | | | | | | | |
| BONNET COVER (BONETE TAPA) | WH10420 | A-216/WCB | 0.198 | 0.969 | 0.029 | 0.018 | 0.456 | 0.018 | 0.051 | 0.008 | 0.034 | 0.005 | | 76.41 | 43.21 | 26.0 | 48.0 | 167 |
| Normalizated to 920.00 ºC.. Cooled in air. (Normalizado a 920.00 ºC.. Enfriado en aire.) | | | | | | | | | | | | | | | | | | |
| WEDGE DISK PLUG (DISCO) | HD3137 | -217/CA15 | 0.100 | 0.810 | 0.030 | 0.015 | 0.830 | 0.280 | 12.430 | 0.021 | 0.050 | 0.003 | | 98.74 | 70.32 | 25.0 | 45.0 | 271 |
| Normalizated to 955.00 ºC.. Cooled in air. (Normalizado a 955.00 ºC.. Enfriado en aire.) | | | | | | | | | | | | | | | | | | |

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