



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:

V03C11082

(FECHA) DATE:

17/12/2003

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.: 18454P
(CÓDIGO)

DESCRIPTION: 6" FIG. 5206 F UT WCB, API TRIM No. 8
(DESCRIPCION) CAST STEEL GATE VALVE (VALVULA COMPUERTA DE ACERO FUNDIDO)

MANUFACTURED TO MEET NACE MR0175 REQUIREMENT (VALVULAS DE SERVICIO NACE MR0175 Y CONTROL DE)
AND LOW FUGITIVE EMISSIONS CONTROL (EMISIONES FUGITIVAS DE 50 PPM's)

| PRESSURE TESTS (PRUEBAS DE PRESION) | SHELL (CASCO) | BACK SEAT | SIDE (LADO) | |
|--|------------------|--------------|-------------|-----|
| | | | 1 | 2 |
| HYDROSTATIC (PSI) (HIDROSTATICA) | 1125 | 1125 | N A | N A |
| PNEUMATIC (PSI) (NEUMATICA) | | | 00 | 00 |

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA) | | | | | | | | | | MECHANICAL TESTS (PROP. MECANICAS) | | | | | |
|-------------------------------|-------------------------|--------------------|---|----------|---------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|----------------------|----------------------|-----------------|-----------------|------------|
| | | | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | W | TENS KPSI CVN@ | YIELD KPSI 1ST | ELG % 2ND | RED % 3RD | BHN AVG |
| | | | BOBBY (CUERPO) | 1786A069 | 216 WCB | 0.200 | 0.950 | 0.016 | 0.010 | 0.430 | 0.070 | 0.300 | 0.040 | 0.038 | 0.002 | 76.36 | 43.80 | 29.0 |
| BONNET COVER (BONETE TAPA) | 3377A056 | 216 WCB | 0.190 | 0.800 | 0.016 | 0.017 | 0.480 | 0.120 | 0.250 | 0.060 | 0.041 | 0.002 | 70.75 | 42.67 | 31.0 | 59.0 | 156 | |
| WEDGE DISK PLUG (DISCO) | 3359A117 | 216 WCB | 0.200 | 1.020 | 0.018 | 0.014 | 0.430 | 0.090 | 0.210 | 0.050 | 0.046 | 0.002 | 77.49 | 47.17 | 25.0 | 59.0 | 156 | |

CERTIFIED BY: 
QUALITY ASSURANCE
CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD