WALWORTH Since 1842
*Industrial de Valvulas, S.A. de C.V.*
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**(Numero) Number** V12LC13454
**(Fecha) Date** 13/07/2015

# QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

**(ACCORDING TO EN10204 TYPE 3.1)**

**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 LAST EDITION:

(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 ULTIMA EDICIÓN.)

API 598 - VALVE INSPECTION AND TESTING
API 599 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
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
API 594 - CHECK VALVES FLANGED, LUG, WAFER AND BUTT WELDING
API 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 600 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

**Part No.** (Código) **AC011A08MAB830000H**

**Description** / Descripción **2" Fig. 5202 F UT WCB, API TRIM No.8 830000**

**CAST STEEL GATE VALVE 150 CLASS**
**(VALVULA COMPUERTA DE ACERO FUNDIDO CLASE 150)**

**VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.) )**

| PRESSURE TEST (PRUEBAS DE PRESION) | SHELL (CASCO) | BACK (SEAT) | SIDE (LADO) 1 | SIDE (LADO) 2 |
|---|---|---|---|---|
| HYDROSTATIC (PSI) (HIDROSTATICA) | 450 | 450 | NA | NA |
| PNEUMATIC (PSI) (NEUMATICA) | | | 80 | 80 |

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | CHEMICAL COMPOSITION (%) / COMPOSICIÓN QUIMICA (%) C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | Cb | MECHANICAL TEST (PROP. MECANICAS) TENS KPSI CVN@ | YIELD KPSI 1ST | ELG % 2ND | RED % 3RD | BHN AVG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BODY CUERPO | 6005 | ASTM A-216 GR WCB Normalized (Normalizado a) 930 °C | 0.220 | 0.630 | 0.021 | 0.015 | 0.460 | 0.140 | 0.130 | 0.140 | 0.000 | 0.000 | | 71.92 | 38.43 | 33 | 46 | 148 |
| | | | Temper to (Temple a) 650 °C | | | | | | | Air Cooled. (Enfriado en aire.) | | | | | | | | |
| BONNET BONETE | .6006 | ASTM A-216 GR WCB Normalized (Normalizado a) 930 °C | 0.200 | 0.660 | 0.023 | 0.017 | 0.460 | 0.160 | 0.150 | 0.150 | 0.000 | 0.000 | | 71.92 | 38.57 | 34 | 47 | 149 |
| | | | Temper to (Temple a) 650 °C | | | | | | | Air Cooled. (Enfriado en aire.) | | | | | | | | |
| WEDGE DISCO | 7113 | ASTM A-216 GR WCB Normalized (Normalizado a) 930 °C | 0.190 | 0.650 | 0.030 | 0.027 | 0.370 | 0.029 | 0.025 | 0.008 | 0.030 | 0.002 | | 74.82 | 40.60 | 28 | 40 | 160 |
| | | | Temper to (Temple a) 650 °C | | | | | | | Air Cooled. (Enfriado en aire.) | | | | | | | | |

FAC10-21 REV "3"

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

**Yolanda Ponciano**