WALWORTH Since 1842
*Industrial de Valvulas, S.A. de C.V.*
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**(Numero) Number** V12LC13250
**(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) | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | Cb | TENS KPSI CVN@ | YIELD KPSI 1ST | ELG % 2ND | RED % 3RD | BHN AVG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CHEMICAL COMPOSITION (%) / COMPOSICIÓN QUIMICA (%) | | | | | | | | | | | MECHANICAL TEST (PROP. MECANICAS) | | | | |
| BODY CUERPO | 6650 | ASTM A-216 GR WCB Normalized (Normalizado a) 930 °C | 0.200 | 0.820 | 0.026 | 0.030 | 0.340 | 0.031 | 0.028 | 0.007 | 0.029 | 0.003 | | 74.82 | 40.74 | 28 | 40 | 160 |
| | | | | | | Temper to (Temple a) 650 °C | | | | Air Cooled. (Enfriado en aire.) | | | | | | | | |
| BONNET BONETE | 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.) | | | | | | | | |
| WEDGE DISCO | 0007 | ASTM A-216 GR WCB Normalized (Normalizado a) 930 °C | 0.210 | 0.680 | 0.025 | 0.021 | 0.430 | 0.051 | 0.054 | 0.004 | 0.024 | 0.003 | | 76.42 | 45.97 | 32 | 43 | 152 |
| | | | | | | 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**