WALWORTH® Since 1842
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**(Numero) Number** V138C7118
**(Fecha) Date** 16/10/2015

# 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) **AC031A08MAB830000G**

**Description** (Descripción) **3" 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 | N A | N A |
| PNEUMATIC (PSI) (NEUMATICA) | | | 80 | 80 |

**MECHANICAL TEST** (PROP. MECANICAS)

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | Cb | TENS KPSI | YIELD KPSI | ELG % | RED % | BHN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CHEMICAL COMPOSITION (%) / COMPOSICIÓN QUIMICA (%) | | | | | | | | | | | CVN@ | 1ST | 2ND | 3RD | AVG |
| BODY CUERPO | K0269 | ASTM A-216 GR WCB | 0.200 | 0.800 | 0.017 | 0.008 | 0.430 | 0.025 | 0.017 | 0.110 | 0.040 | 0.005 | | 73.95 | 38.43 | 25 | 41 | 151 |
| | | Normalized (Normalizado a) 930 °C | | | | Temper to (Temple a) 650 °C | | | | Air Cooled. (Enfriado en aire.) | | | | | | | | |
| BONNET BONETE | H7930 | ASTM A-216 GR WCB | 0.217 | 0.907 | 0.020 | 0.025 | 0.414 | 0.044 | 0.083 | 0.013 | 0.043 | 0.001 | | 70.47 | 42.20 | 42 | 40 | 160 |
| | | Normalized (Normalizado a) 900 °C | | | | Temper to (Temple a) 650 °C | | | | Air Cooled. (Enfriado en aire.) | | | | | | | | |
| WEDGE DISCO | 0107 | ASTM A-216 GR WCB | 0.220 | 0.760 | 0.018 | 0.019 | 0.490 | 0.060 | 0.050 | 0.090 | 0.030 | 0.010 | | 72.79 | 40.17 | 28 | 47 | 158 |
| | | Normalized (Normalizado a) 920 °C | | | | Temper to (Temple a) 650 °C | | | | Air Cooled. (Enfriado en aire.) | | | | | | | | |

FAC10-21 REV "3"

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

**Yolanda Ponciano**