

**WALWORTH**

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(Numero) Number

V128R3048

(Fecha) Date

12/03/2014

**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 PRABADO 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. **AR062A08MAB830000G**  
 (Código)  
 Description **6" Fig. 5344 F UT WCB, API TRIM No.8 830000**

Description **CAST STEEL SWING CHECK VALVE 300 CLASS**  
**(VALVULA RETENCION TIPO COLUMPIO DE ACERO FUNDIDO CLASE 300)**

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

| PRESSURE TEST<br>(PRUEBAS DE PRESION) | SHELL<br>(CASCO) | BACK<br>(SEAT) | SIDE (LADO) |    |
|---------------------------------------|------------------|----------------|-------------|----|
|                                       |                  |                | 1           | 2  |
| HYDROSTATIC (PSI)<br>(HIDROSTATICA)   | 1125             | NA             | 815         | NA |
| PNEUMATIC (PSI)<br>(NEUMATICA)        |                  |                | NA          | NA |

**MECHANICAL TEST (PROP. MECANICAS)**

| CHEMICAL COMPOSITION (%) |  |  |  |  |  |  |  |  |  |  |  |  | COMPOSICIÓN QUIMICA (%) |  |  |  |  | TENS | YIELD | ELG | RED | BHN |
|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|-------------------------|--|--|--|--|------|-------|-----|-----|-----|
|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|-------------------------|--|--|--|--|------|-------|-----|-----|-----|

| ITEM<br>(PARTE) | HEAT No.<br>(COLADA) | MATERIAL<br>(ASTM) | C                                 | Mn    | P     | S     | Si    | Ni    | Cr    | Mo    | Cu    | V     | Cb | KPSI<br>CVN@ | KPSI<br>1ST | %<br>2ND | %<br>3RD | AVG |
|-----------------|----------------------|--------------------|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--------------|-------------|----------|----------|-----|
| BODY<br>CUERPO  | F2808                | ASTM A-216/WCB     | 0.205                             | 0.695 | 0.027 | 0.018 | 0.358 | 0.042 | 0.072 | 0.011 | 0.044 | 0.001 |    | 74.97        | 42.34       | 43       | 53       | 148 |
|                 |                      |                    | Normalized (Normalizado a) 920 °C |       |       |       |       |       |       |       |       |       |    |              |             |          |          |     |
|                 |                      |                    | Temper to (Temple a) 650 °C       |       |       |       |       |       |       |       |       |       |    |              |             |          |          |     |
|                 |                      |                    | Air Cooled. (Enfriado en aire.)   |       |       |       |       |       |       |       |       |       |    |              |             |          |          |     |
| COVER<br>TAPA   | F2712                | ASTM A-216/WCB     | 0.222                             | 0.953 | 0.032 | 0.022 | 0.366 | 0.042 | 0.054 | 0.015 | 0.074 | 0.001 |    | 83.96        | 46.26       | 30       | 39       | 153 |
|                 |                      |                    | Normalized (Normalizado a) 920 °C |       |       |       |       |       |       |       |       |       |    |              |             |          |          |     |
|                 |                      |                    | Temper to (Temple a) 650 °C       |       |       |       |       |       |       |       |       |       |    |              |             |          |          |     |
|                 |                      |                    | Air Cooled. (Enfriado en aire.)   |       |       |       |       |       |       |       |       |       |    |              |             |          |          |     |
| WEDGE<br>DISCO  | H0308                | ASTM A-216/WCB     | 0.192                             | 0.842 | 0.022 | 0.016 | 0.443 | 0.032 | 0.052 | 0.008 | 0.051 | 0.001 |    | 75.40        | 46.40       | 31       | 52       | 152 |
|                 |                      |                    | Normalized (Normalizado a) 920 °C |       |       |       |       |       |       |       |       |       |    |              |             |          |          |     |
|                 |                      |                    | Temper to (Temple a) 650 °C       |       |       |       |       |       |       |       |       |       |    |              |             |          |          |     |
|                 |                      |                    | Air Cooled. (Enfriado en aire.)   |       |       |       |       |       |       |       |       |       |    |              |             |          |          |     |

FACIO-21 REV "3"

CERTIFICADO POR:  
ASEGURAMIENTO DECERTIFIED BY :  
QUALITY ASSURANCE

Yolanda Ponciano