

## 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 6D      | - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK                                    |
| API 599     | - METAL PLUG VALVES - FLANGED, THREADED AND WELDING | API 600     | - STEEL GATE VALVES, FLANGED AND WELDING ENDS                                     |
| ANSI B16-10 | - FACE TO FACE AND END TO END DIMENSIONS OF VALVES  | ANSI B16-11 | - FORGED FITTINGS, SOCKET - WELDING AND THREADED                                  |
| ANSI B16-34 | - VALVES - FLANGED, THREADED AND WELDING ENDS       | API 602     | - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS |
| MSS-SP61    | - PRESSURE TESTING OF STEEL VALVES                  |             |   |

**Part No. AC031A08MAB830000W**  
 (Código) **3" Fig. 5202 F UT WCB, API TRIM No.8 830000**  
**Description** **CAST STEEL GATE VALVE 150 CLASS**  
 Descripción **(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<br>(PRUEBAS DE PRESION) | SHELL<br>(CASCO) | BACK<br>(SEAT) | SIDE<br>(LADO) |     |
|---------------------------------------|------------------|----------------|----------------|-----|
|                                       |                  |                | 1              | 2   |
| HYDROSTATIC (PSI)<br>(HIDROSTATICA)   | 450              | 450            | N A            | N A |
| PNEUMATIC (PSI)<br>(NEUMATICA)        |                  |                | 80             | 80  |

**MECHANICAL TESTS (PROP. MECANICAS)**

| CHEMICAL COMPOSITION (%) |                      |                    | COMPOSICIÓN QUIMICA (%) |       |       |       |       |       |       |       |       |       | MECHANICAL TESTS (PROP. MECANICAS) |                      |                      |                 |                 |            |
|--------------------------|----------------------|--------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|----------------------|----------------------|-----------------|-----------------|------------|
| ITEM<br>(PARTE)          | HEAT No.<br>(COLADA) | MATERIAL<br>(ASTM) | C                       | Mn    | P     | S     | Si    | Ni    | Cr    | Mo    | Cu    | V     | Cb                                 | TENS<br>KPSI<br>CVN@ | YIELD<br>KPSI<br>1ST | ELG<br>%<br>2ND | RED<br>%<br>3RD | BHN<br>AVG |
| BODY<br>CUERPO           | WH32321              | ASTM A-216/WCB     | 0.196                   | 0.959 | 0.015 | 0.025 | 0.429 | 0.029 | 0.022 | 0.009 | 0.033 | 0.007 |                                    | 76.56                | 48.14                | 28              | 53              | 166        |
| BONNET<br>BONETE         | WH32343              | ASTM A-216/WCB     | 0.203                   | 0.901 | 0.017 | 0.012 | 0.424 | 0.023 | 0.029 | 0.006 | 0.045 | 0.008 |                                    | 74.10                | 50.17                | 27              | 54              | 162        |
| WEDGE<br>DISCO           | WH30393              | ASTM A-216/WCB     | 0.206                   | 0.920 | 0.030 | 0.016 | 0.456 | 0.014 | 0.081 | 0.019 | 0.032 | 0.001 |                                    | 74.53                | 47.41                | 26              | 49              | 164        |

 CERTIFICADO POR:  
 ASEGURAMIENTO DE CALIDAD

 CERTIFIED BY :  
 QUALITY ASSURANCE

  
**Jessica García**