

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

**Part No. AG032A08MAB830000G**  
 (Código) **3" Fig. 5281 F UT WCB, API TRIM No.8 830000**  
**Description** **CAST STEEL GLOBE VALVE 300 CLASS**  
 Descripción **(VALVULA GLOBO 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             | 1125           | 815         | N A |
| PNEUMATIC (PSI)<br>(NEUMATICA)        |                  |                | 80          | N A |

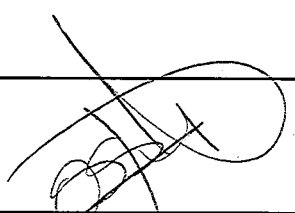
**MECHANICAL TESTS (PROP. MECANICAS)**

| 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                     | H2959                | ASTM A-216/WCB     | 0.199                             | 0.755 | 0.021 | 0.022 | 0.378 | 0.035 | 0.066 | 0.016 | 0.034 | 0.001 |                             | 83.96        | 42.05       | 38       | 57       | 148                             |       |     |     |     |
| CUERPO                   |                      |                    | Normalized (Normalizado a) 920 °C |       |       |       |       |       |       |       |       |       | Temper to (Temple a) 650 °C |              |             |          |          | Air Cooled. (Enfriado en aire.) |       |     |     |     |
| BONNET                   | H3298                | ASTM A-216/WCB     | 0.217                             | 0.822 | 0.035 | 0.021 | 0.391 | 0.043 | 0.069 | 0.020 | 0.074 | 0.001 |                             | 77.58        | 42.20       | 29       | 47       | 157                             |       |     |     |     |
| BONETE                   |                      |                    | Normalized (Normalizado a) 910 °C |       |       |       |       |       |       |       |       |       | Temper to (Temple a) 650 °C |              |             |          |          | Air Cooled. (Enfriado en aire.) |       |     |     |     |
| WEDGE                    | H3301                | ASTM A-216/WCB     | 0.191                             | 0.753 | 0.030 | 0.022 | 0.363 | 0.031 | 0.067 | 0.018 | 0.056 | 0.001 |                             | 75.55        | 42.05       | 34       | 62       | 167                             |       |     |     |     |
| DISCO                    |                      |                    | Normalized (Normalizado a) 910 °C |       |       |       |       |       |       |       |       |       | Temper to (Temple a) 650 °C |              |             |          |          | Air Cooled. (Enfriado en aire.) |       |     |     |     |

FAC10-21 REV "3"

CERTIFICADO POR:  
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:  
QUALITY ASSURANCE

  
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Jessica Garcia