

# 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 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. AR041A08MAB830000M**
**Description 4" Fig. 5341 F UT WCB, API TRIM No. 8 830000**
**Description CAST STEEL SWING CHECK VALVE 150 CLASS (VALVULA RETENCIÓN TIPO COLUMPIO 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 (PSD)<br>(HIDROSTATICA)   | 450              | NA             | 315            | NA |
| PNEUMATIC (PSD)<br>(NEUMATICA)        |                  |                | NA             | NA |

**MECHANICAL TESTS (PROP. MECANICAS)**
**CHEMICAL COMPOSITION (%)**
**COMPOSICIÓN QUIMICA (%)**
**TENS YIELD ELG RED BHN**

| ITEM<br>(PARTE) | HEAT No.<br>(COLADA) | MATERIAL<br>(ASTM) | CHEMICAL COMPOSITION (%) |       |       |       |       |       |        |       |       |       |       | TENS<br>KPSI<br>CVN@ | YIELD<br>KPSI<br>1ST | ELG<br>%<br>2ND | RED<br>%<br>3RD | BHN<br>AVG |
|-----------------|----------------------|--------------------|--------------------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|----------------------|----------------------|-----------------|-----------------|------------|
|                 |                      |                    | C                        | Mn    | P     | S     | Si    | Ni    | Cr     | Mo    | Cu    | V     | Cb    |                      |                      |                 |                 |            |
| BODY<br>CUERPO  | WH35554              | ASTM A-216/WCB     | 0.218                    | 0.950 | 0.037 | 0.018 | 0.490 | 0.016 | 0.033  | 0.001 | 0.031 | 0.004 | 83.38 | 54.38                | 28                   | 53              | 159             |            |
| COVER<br>TAPA   | WH35350              | ASTM A-216/WCB     | 0.220                    | 0.969 | 0.028 | 0.014 | 0.510 | 0.013 | 0.009  | 0.001 | 0.028 | 0.002 | 75.40 | 43.79                | 26                   | 48              | 163             |            |
| WEDGE<br>DISCO  | WH82045              | ASTM A-217/CA15    | 0.114                    | 0.808 | 0.025 | 0.012 | 0.528 | 0.102 | 13.209 | 0.001 | 0.017 | 0.036 | 94.25 | 73.81                | 28                   | 43              | 234             |            |

 CERTIFICADO POR:  
 ASEGURAMIENTO DE CALIDAD

 CERTIFIED BY:  
 QUALITY ASSURANCE


 Jessica Garcia