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(Numero) Number
 (Fecha) Date

V11C15292
 11/01/2012

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. **AC022A08MAA8300000**
 (Código)
 Description **2 1/2" Fig. 5206 F UT WCB, API TRIM No.8 830000**
 Descripción **CAST STEEL GATE VALVE 300 CLASS**
(VALVULA COMPUERTA 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 (PRUEBAS DE PRESION) | SHELL (CASCO) | BACK (SEAT) | SIDE (LADO) | |
|---------------------------------------|------------------|----------------|-------------|-----|
| | | | 1 | 2 |
| HYDROSTATIC (PSI) (HIDROSTATICA) | 1125 | 1125 | N A | N A |
| PNEUMATIC (PSI) (NEUMATICA) | | | 80 | 80 |

MECHANICAL TEST (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUIMICA (%)

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | CHEMICAL COMPOSITION (%) | | | | | | | | | | | MECHANICAL TEST (PROP. MECANICAS) | | | | |
|------------------|----------------------|--------------------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|----------------------|-----------------|-----------------|------------|
| | | | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | Cb | TENS KPSI CVN@ | YIELD KPSI 1ST | ELG % 2ND | RED % 3RD | BHN AVG |
| BODY CUERPO | WH15839 | ASTM A-216/WCB | 0.203 | 0.893 | 0.021 | 0.023 | 0.485 | 0.044 | 0.030 | 0.022 | 0.005 | 0.001 | 79.75 | 51.48 | 32 | 54 | 154 | |
| | | | Normalized to (Normalizado a) 930 °C | | | | | | | | | | | Cooled in air. (Enfriado en aire.) | | | | |
| BONNET BONETE | WH21111 | ASTM A-216/WCB | 0.197 | 0.860 | 0.034 | 0.016 | 0.430 | 0.046 | 0.036 | 0.035 | 0.056 | 0.005 | 77.29 | 49.16 | 31 | 44 | 167 | |
| | | | Normalized to (Normalizado a) 930 °C | | | | | | | | | | | Temper to (Temple a) 650 °C | | | | |
| WEDGE DISCO | WH35947 | ASTM A-216/WCB | 0.204 | 0.961 | 0.022 | 0.012 | 0.470 | 0.010 | 0.016 | 0.001 | 0.027 | 0.002 | 80.33 | 50.17 | 28 | 54 | 154 | |
| | | | Normalized to (Normalizado a) 930 °C | | | | | | | | | | | Temper to (Temple a) 650 °C | | | | |

FACIO-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE

CERTIFIED BY:
 QUALITY ASSURANCE

Yolanda Ponciano