



WALWORTH
Since 1842

Industrial de Valvulas, S.A de C.V.
Av. de La Industria Lote 16 Fracc. Industrial El Trebol
Tepozotlan, Estado de Mexico C.P. 54600

(Numero) Number
(Fecha) Date

V07G4411
26/11/2007

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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:
(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.)

- VALVE INSPECTION AND TESTING
- METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- VALVES - FLANGED, THREADED AND WELDING ENDS
- PRESSURE TESTING OF STEEL VALVES
- PIPELINE VALVES - GATE, PLUG, BALL, ANF CHECK
- STEEL GATE VALVES, FLANGED AND WELDING ENDS
- FORGED FITTINGS, SOCKET - WELDING AND THREADED
- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. **AG031A08MAA**

Description **3" Fig. 5275 F UT WCB, API TRIM No.8 8300000**
(VALVULA GLOBO DE ACERO FUNDIDO)

(VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

| TEST | VALVE | SEAT | FLANGE | END |
|------------------------------------|-------|------|--------|-----|
| PRESSURE TEST (PRUEBAS DE PRESION) | 450 | 450 | 315 | NA |
| HYDROSTATIC (PSI) (HIDROSTATICA) | 450 | 450 | 315 | NA |
| PNEUMATIC (PSI) (NEUMATICA) | 80 | | | NA |

CHEMICAL COMPOSITION (%)

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | W | TENS (KPSI) CVM@ | YIELD (KPSI) 1ST | ELG (%) 2ND | RED (%) 3RD | BHN AVG |
|--------------|-------------------|-------------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|---|------------------|------------------|-------------|-------------|---------|
| BONNET | WH15008 | ASTM A-216/WCB | 0.199 | 0.873 | 0.027 | 0.020 | 0.438 | 0.035 | 0.043 | 0.019 | 0.005 | 0.001 | | 85.69 | 48.28 | 32 | 57 | 154 |
| BONNET | XS018 | ASTM A-216/WCB | 0.210 | 0.870 | 0.025 | 0.019 | 0.430 | 0.021 | 0.041 | 0.009 | 0.034 | 0.005 | | 75.43 | 46.59 | 29 | 49 | 162 |
| WEDGE DISCO | K0142 | ASTM A-182 GR F6A | 0.120 | 0.430 | 0.021 | 0.020 | 0.430 | 0.210 | 11.980 | | | | | 130.00 | 110.00 | 25 | 46 | 300 |

MECHANICAL TESTS (PROP. MECANICAS)

Sandra Ruiz