



Industrial de Valvulas, S.A de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepiczonlan, Estado de Mexico C.P. 34600

(Numero) Number
 (Fecha) Date

1640/2008
 08/09/2008

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
 (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
 FOLLOWING STANDARDS LAST EDITION:
 ESTANDARES ULTIMA EDICION.)

- 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 ANF 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. **BGSB106F08AAB830000C**

(Codigo) **1" Fig. 5520 SW UT A105, API TRIM No.8 830000C**

Description **FORGED STEEL GLOBE VALVE (VALVULA GLOBO DE ACERO FORJADO)**
 VALVE WITH LOW EMISSION CONTROL. (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

| PRESSURE TEST (PRUEBAS DE PRESION) | SHELL (CASCO) | BACK (SEAL) | SIDE (LADO) | |
|---------------------------------------|------------------|----------------|----------------|-----|
| | | | 1 | 2 |
| HYDROSTATIC (PSD) (HIDROSTATICA) | 2970 | 2970 | 2245 | N A |
| PNEUMATIC (PSD) (NEUMATICA) | | | 80 | N A |

Invoice(Factura) **02457P** Item(Partida) **26**
 Qty(Cantidad) **27**

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | Cb | TENS KPSI CVN/d | YIELD KPSI 1ST | ELG % | RED % | BHN AVG |
|-----------------|----------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------|----------------------|----------|----------|------------|
| BODY CUERPO | CAX | ASTM A-105N | 0.220 | 0.720 | 0.022 | 0.008 | 0.270 | 0.050 | 0.030 | 0.020 | 0.050 | 0.000 | 0.000 | 79.31 | 52.92 | 35 | 54 | 170 |
| YOKE YUGO | CCL | ASTM A-105N | 0.210 | 0.780 | 0.019 | 0.008 | 0.270 | 0.040 | 0.020 | 0.030 | 0.070 | 0.000 | 0.000 | 79.02 | 55.10 | 37 | 54 | 170 |

FACTO-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

JESSICA GARCIA