



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 1313/2008
 (Fecha) Date 04/07/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO
 (ACCORDING TO EN10204 TYPE 3.1)

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:
 ESTANDARES ULTIMA EDICIÓN.)

- 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. **BRSB206E08AAB**

(Código) **2" Fig. 5540 S UT A105, API TRIM No.8 830000C**

Description **FORGED STEEL PISTON CHECK VALVE
 (VALVULA RETENCION TIPO PISTON DE ACERO FORJADO)**

VALVE WITH LOW EMISSION CONTROL. (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGATIVAS A 50 PPM'S MAX)

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

Invoice(Factura) 97255 Item(Partida) 2
 Qty(Cantidad) 11
 MECHANICAL TESTS (PROP. MECANICAS)

| ITEM (PARTES) | HEAT No. (COLDADA) | MATERIAL (ASTM) | CHEMICAL COMPOSITION (%) | | | | | | | | | | | MECHANICAL TESTS (PROP. MECANICAS) | | | | | | | |
|------------------|-----------------------|--------------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|----------------------|----------|----------|------------|----|----|-----|
| | | | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | Cb | TENS KPSI CVM@ | YIELD KPSI 1ST | ELG % | RED % | BHN AVG | | | |
| BODY CUERPO | CAZ | ASTM A-105N | 0.230 | 0.800 | 0.020 | 0.007 | 0.350 | 0.050 | 0.030 | 0.020 | 0.050 | 0.030 | 0.020 | 0.050 | 0.000 | 0.000 | 78.30 | 52.20 | 36 | 55 | 170 |
| YOKE YUGO | CAX | ASTM A-105N | 0.220 | 0.720 | 0.022 | 0.008 | 0.270 | 0.050 | 0.030 | 0.020 | 0.050 | 0.030 | 0.020 | 0.050 | 0.000 | 0.000 | 79.31 | 52.92 | 35 | 54 | 170 |

FACIO-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

SANDRA RUIZ