



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 1378/2008  
 (Fecha) Date 11/08/2008

## 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 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 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. **BGSB203A08AAB830000C**

(Código) **2" Fig. 5660 F 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 (SEAT)	SIDE (LADO)
HYDROSTATIC (PSD) (HIDROSTATICA)	2225	2225	1630
PNEUMATIC (PSD) (NEUMATICA)			80
			N A

Referral(Remision) 00695P Item(Partida) 2  
 Qty(Cantidad) 6

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 CYN/IN)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)
BODY CUERPO	CAO	ASTM A-105N	0.198	0.839	0.021	0.010	0.233	0.100	0.100	0.000	0.000	0.010	0.002	81.20	60.17	28	48	170
BODY CUERPO	CAW	ASTM A-105N	0.230	0.770	0.020	0.007	0.240	0.050	0.050	0.120	0.080	0.010	0.000	76.85	48.57	27	43	170
YOKE YUGO	CAO	ASTM A-105N	0.198	0.839	0.021	0.010	0.233	0.100	0.100	0.000	0.000	0.010	0.002	81.20	60.17	28	48	170
YOKE YUGO	CAP	ASTM A-105N	0.200	0.750	0.020	0.008	0.240	0.000	0.000	0.000	0.000	0.025	0.000	70.22	48.57	28	50	170
YOKE YUGO	CAS	ASTM A-105N	0.210	0.760	0.020	0.011	0.210	0.020	0.100	0.000	0.000	0.017	0.016	78.30	48.57	25	43	170
YOKE YUGO	CAV	ASTM A-105N	0.230	0.810	0.018	0.007	0.240	0.050	0.050	0.100	0.220	0.010	0.000	76.12	50.75	32	54	170

FAC10-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: QUALITY ASSURANCE

JESSICA GARCIA