



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

(Numero) Number 2557/2008
 (Fecha) Date 05/12/2008

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.)

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|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| API 598
API 599
ANSI B16-10
ANSI B16-34
MSS-SP61 | - 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 |
| API 6D
API 600
ANSI B16-11
API 602 | - PIPELINE VALVES - GATE, PLUG, BALL AND 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. BGSB206E05AAB830000C

(Codigo) 2^o Fig. 5520 S HF A105, API TRIM No. 5 830000C

Description FORGED STEEL GLOBE VALVE (VALVULA GLOBO DE ACERO FORJADO)

VALVE WITH LOW EMISSION CONTROL (VALVULA SEMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEÑT)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	2970	2970	2245
PNEUMATIC (PSI) (NEUMATICA)	80	N/A	N/A

Invoice(Factura) 06374P Item(Partida) 1 Qty(Cantidad) 3

MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											MECHANICAL TESTS (PROP. MECANICAS)					
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Ce	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG	
BODY CUBRPO	CAO	ASTM A-105N	0.198	0.839	0.021	0.010	0.233	0.100	0.100	0.000	0.000	0.000	0.010	0.002	81.20	60.17	28	48	170
BODY CUBRPO	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	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	CAT	ASTM A-105N	0.200	0.820	0.020	0.009	0.260	0.080	0.100	0.060	0.000	0.020	0.010	74.67	55.10	29	43	165	
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	

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
JESSICA GARCIA