



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

(Numero) Number 1496/2007  
 (Fecha) Date 21/05/2009

# QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)  
**ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO**  
 (CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICION)  
 FOLLOWING STANDARDS LAST EDITION:  
 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

API 598  
 API 599  
 ANSI B16-10  
 ANSI B16-34  
 MSS-SP61

- VALVE INSPECTION AND TESTING
- METAL FLUJ 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. (Codigo) **BCSBI56F12AAB**  
 Description (Descripción) **1 1/2" Fig. 950 SW 3HF A105, API TRIM No.12 790000C**  
**FORGED STEEL GATE VALVE**  
**(VALVULA COMPUERTA DE ACERO FORJADO)**

MANUFACTURED TO MEET NACE MR 01-75-2003 REQUIREMENTS AND LOW FUGITIVE EMISSIONS CONTROL.  
 (VALVULA SERVICIO NACE MR 01-75-2003 Y CONTROL DE EMISIONES FUGITIVAS SO FPM'S)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2970	2970	N A	N A
PNEUMATIC (PSI) (PNEUMATICA)			80	80

Invoice(Factura) 83315 Item(Partida) 11  
 Qty(Cantidad) 28

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										MECHANICAL TESTS (PROP. MECANICAS)					
			COMPOSICIÓN QUIMICA (%)										TENS	YIELD	ELG	RED	BIIN	
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CYNHR	KPSI 1ST	% 2ND	% RED	AUG
BODY CUERPO	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
YOKE YUENO	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:  
 QUALITY ASSURANCE

SANDRA RUIZ