



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

(Numero) Number 1978/2007
 (Fecha) Date 11/09/2007

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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:
 (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.)

- 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. (Codigo) BCSB106E12AAB
Description VC 1 950S 3HF A105
 FORGED STEEL GATE VALVE
 (VALVULA COMPUERTA DE ACERO FORJADO)
 790000C

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

Invoice(Factura) 84781 Item(Partida) 3
 Qty(Cantidad) 1

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KPSI CVN@)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)
BODY CUERPO	CCJ	ASTM A-105N	0.220	0.890	0.020	0.007	0.210	0.100	0.100	0.100	0.220	0.010		79.02	55.10	32	60	170
YOKE YUGO	CAV	ASTM A-105N	0.260	0.810	0.018	0.007	0.240	0.050	0.050	0.100				76.12	50.75	32	54	170

MECHANICAL TESTS (PROP. MECANICAS)

FAC10-21 REV "2"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
 CERTIFIED BY: QUALITY ASSURANCE


 Sandra Ruiz