



WALWORTH
Since 1842

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

(Numero) Number
(Fecha) Date

3078/2007
18/12/2007

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 PRUBADO 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 AND 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. **BCSB056E08AAA**

Description **1/2" Fig. 950 S UT A105, API TRIM No.8 7900000**

**FORGED STEEL GATE VALVE
(VALVULA COMPUERTA DE ACERO FORJADO)**
MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMENTS *TS AND LOW FUGITIVE EMISSIONS CONTROL
(VALVULA SERVICIO NACE MR-01-75 *Y CONTROL DE EMISIONES FUGITIVAS 50 PPM'S)

Invoice(Factura) 89737 Item(Partida) 3
Qty(Cantidad) 27

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

CHEMICAL COMPOSITION (%)

COMPOSICION QUIMICA (%)

ITEM (PARTE) (COLADA)	HEAT No. (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CNS/6	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BODY CUERPO	CAV	0.230	0.810	0.018	0.007	0.240	0.050	0.050	0.100	0.220	0.010		76.12	50.75	32	54	170
BODY CUERPO	CCH	0.230	0.680	0.019	0.007	0.250	0.100	0.100		0.220			78.30	52.20	27	58	170
YOKE YUGO	CAG	0.220	0.950	0.020	0.022	0.190	0.190	0.120	0.000	0.120	0.035		89.17	65.25	24	65	165
YOKE YUGO	CAQ	0.200	0.750	0.020	0.008	0.240	0.000	0.000	0.000	0.000	0.012		70.22	48.57	28	50	170
YOKE YUGO	CAS	0.210	0.760	0.020	0.011	0.210	0.020	0.100	0.000	0.000	0.017		78.30	48.57	25	43	170
YOKE YUGO	CCC	0.220	0.630	0.020	0.008	0.210	0.000	0.100	0.000	0.000	0.005		77.57	49.30	28	52	165

MECHANICAL TESTS (PROP. MECANICAS)

Sandra Ruiz