



WALWORTH
Since 1842

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

(Numero) Number 1765/2007
(Fecha) Date 07/10/2008

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 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. **BCSB076F12AAB**

(Código) **3/4" Fig. 950 SW 3HF A105, API TRIM No.12 790000C**

Description **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)

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

Invoice(Factura) 84361 Item(Partida) 8
Qty(Cantidad) 100

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)											MECHANICAL TESTS (PROP. MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN%	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN 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 YUGO	CCJ	ASTM A-105N	0.220	0.890	0.020	0.007	0.210	0.100	0.100	0.100	0.000	0.000	0.000	79.02	55.10	32	60	170

SANDRA RUIZ

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE