



WALWORTH
 Quality Assurance

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

(Numero) Number
 (Fecha) Date

V088B0273
12/11/2009

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.)

- 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. CB0801A2AABTHQZ00B
 (Código) **8" Fig. 8122 F A105, THQZ00B**
Description STEEL BALL VALVE 150 PSI
 Descripción **(VALVULA ESFERA DE ACERO 150 PSI)**

(VALVULA SERVICIO NACE MR0175/ISO 15156 ED 2003
 PRUEBA DE FUEGO API 6FA, API 607

) (PINTURA AMBIENTE MARINO, PRUEBA CON AIRE
 INC. C3 DEL APENDICE C DEL API-SPEC-6D
)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	430		315	315
PNEUMATIC (PSI) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										TENS	YIELD	ELG	RED	BHN
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD
BALL BOLA	S3545	ASTM A-105N	0.190	0.760	0.022	0.021	0.260	0.080	0.070	0.060	0.030	0.001	76.56	40.60	35	44	152
BODY CUERPO	8T140	ASTM A-105N	0.190	0.730	0.018	0.019	0.280	0.050	0.040	0.060	0.030	0.001	75.40	39.87	35	44	155
END1 EXTREMO1	8T140	ASTM A-105N	0.190	0.730	0.018	0.019	0.280	0.050	0.040	0.060	0.030	0.001	75.40	39.87	35	44	155
END2 EXTREMO2	8T140	ASTM A-105N	0.190	0.730	0.018	0.019	0.280	0.050	0.040	0.060	0.030	0.001	75.40	39.87	35	44	155

FAC10-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

JESSICA GARCIA