



WALWORTH
Since 1842

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

(Numero) Number V074B980
(Fecha) Date 31/03/2008

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 DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICION.)

- 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. CB0803A2AAB
(Codigo) **8" Fig. 8622 F A105, TH0000B**
Description **STEEL BALL VALVE**
(VALVULA ESFERA DE ACERO)

MANUFACTURED TO MEET NACE MR-01-75 REQUIREMENTS FIRE TEST API 6FA, API 607, REV 2003 (VALVULA SERVICIO NACE MR-01-75
PRUEBA DE FUEGO API 6FA, API 607

TEST TYPE	TEST VALUE	TEST TYPE	TEST VALUE
PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAL)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	2225		1 1630 2 1630
PNEUMATIC (PSI) (NEUMATICA)			1 80 2 80

CHEMICAL COMPOSITION (%)

ITEM (PARTID)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI) (TND)	YIELD (KPSI) (1ST)	ELG (%) (2ND)	RED (%) (3RD)	BHN (AVG)
BALL BOLA	B041	ASTM A-105N	0.205	0.800	0.025	0.007	0.220	0.050	0.013	0.020	0.195	0.100		77.94	45.57	35	42	170
BODY CUERPO	063-2670	ASTM A-105N	0.210	0.780	0.021	0.021	0.200	0.030	0.030	0.001	0.040	0.001		75.62	55.88	37	52	161
END1 EXTREMO1	0611027	ASTM A-105N	0.220	0.790	0.015	0.008	0.230	0.040	0.050	0.001	0.100	0.001		75.76	48.48	34	56	152
END2 EXTREMO2	506-476	ASTM A-105N	0.220	0.800	0.022	0.025	0.230	0.180	0.150	0.001	0.130	0.001		72.71	47.31	36	62	146

MECHANICAL TESTS (PROP. MECANICAS)

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
CERTIFIED BY: QUALITY ASSURANCE

Sandra Ruiz