

**WALWORTH**

Since 1842

Industrial de Valvulas, S.A. de C.V.

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(Numero) Number

V13R2423

(Fecha) Date

22/12/2015

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 594 - CHECK VALVES FLANGED, LUG, WAFER AND BUTT WELDING

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. AR042A08MAA790000U

(Código)

Description 4" Fig. 5344 F UT WCB, API TRIM No.8 790000

Descripción

**CAST STEEL SWING CHECK VALVE 300 CLASS
(VALVULA RETENCIÓN TIPO COLUMPIO DE ACERO FUNDIDO CLASE 300)**

VALVE MANUFACTURED TO MEET LOW FUGITIVE EMISSION (50 PPM'S MAX) & NACE SERVICE
 MR-01-75/MR0103 (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS 50
 PPM'S MAX.) Y PARA SERVICIO NACE MR-01-75 / MR0103)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	N A	815	N A
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

MECHANICAL TEST (PROP. MECANICAS)**CHEMICAL COMPOSITION (%)**

COMPOSICIÓN QUIMICA (%)

TENS YIELD ELG RED BHN

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	BHN AVG
BODY CUERPO	09J21B	ASTM A-216 GR WCB Normalized (Normalizado a) 930 °C	0.210	0.900	0.022	0.030	0.510	0.130	0.290	0.060	0.118	0.003		76.93	45.48	29	52	156
COVER TAPA	09J18D	ASTM A-216 GR WCB Normalized (Normalizado a) 930 °C	0.220	0.910	0.027	0.012	0.460	0.080	0.100	0.040	0.076	0.004		79.73	51.10	25	46	156
WEDGE DISCO	1111-06	ASTM A-276 GR 410	0.123	0.501	0.025	0.010	0.492	0.169	12.480	0.032	0.201	0.000		85.00	75.00	35	50	187

FAC10-21 REV "3"

CERTIFICADO POR:
ASEGURAMIENTO DECERTIFIED BY :
QUALITY ASSURANCE**Yolanda Ponciano**