



Industrial de Valvulas, S.A. de C.V.  
 Industria Late 16 Fracc. Industrial El Trebol de Tepozotlan  
 Tepozotlan, Estado de Mexico C.P. 54610  
 Telefono: (52 55) 5899 1700 Fax: (52 55) 5876 0156  
 E-Mail: info@walworth.com.mx Web: www.walworthvalves.com

(Numero) Number  
 (Fecha) Date

V12LR0121  
 01/04/2015

## QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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

- API 6D
- API 600
- ANSI B16-11
- API 602

- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- STEEL GATE VALVES, FLANGED AND WELDING ENDS
- FORGED FITTINGS, SOCKET - WELDING AND THREADED
- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

**Part No. AR042A08MAB83000H**  
 (Codigo)  
**Description 4" Fig. 5344 F UT WCB, API TRIM No.8 830000**  
 Description CAST STEEL SWING CHECK VALVE 300 CLASS  
 (VALVULA RETENCION TIPO COLUMPIO DE ACERO FUNDIDO CLASE 300)  
 VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE FUGAS EMISIONES FUGATIVAS (50 PPM'S MAX.) )

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
HYDROSTATIC (PSI)	1125	NA	815
PNEUMATIC (PSI)			NA

### CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	COMPOSICION QUIMICA (%)
BODY CUERPO	6959	ASTM A-216 GR WCB	0.200	0.670	0.028	0.031	0.320	0.030	0.025	0.008	0.027	0.003		TENS KPSI CVMN@
		Normalized (Normalizado a)	930 °C			Temper to (Temple a)	650 °C			Air Cooled (Enfriado en aire.)				
COVER TAPA	6980	ASTM A-216 GR WCB	0.210	0.670	0.024	0.021	0.410	0.057	0.066	0.005	0.027	0.006		ELG % 2ND
		Normalized (Normalizado a)	930 °C			Temper to (Temple a)	650 °C			Air Cooled (Enfriado en aire.)				RED % 3RD
WEDGE DISCO	1231	ASTM A-105N	0.200	0.840	0.022	0.020	0.210	0.043	0.051	0.004	0.026	0.002		BHN AVG
		Normalized (Normalizado a)	920 °C			650 °C				Air Cooled (Enfriado en aire.)				

### MECHANICAL TEST (PROP. MECANICAS)

TENS	YIELD	ELG	RED	BHN
76.56	40.02	27	37	160
75.98	42.78	27	42	152
76.85	47.27	34	45	162

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD  
 CERTIFIED BY: QUALITY ASSURANCE

*Jessica Garcia*  
 ADMINISTRACION DE CALIDAD