



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

(Numero) Number  
 (Fecha) Date

**V148R2456**  
**30/12/2015**

## 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 PROBADO 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. AR031A08MAB830000G**  
 (Código)  
**Description 3" Fig. 5341 F UT WCB, API TRIM No.8 830000**  
 Descripción **CAST STEEL SWING CHECK VALVE 150 CLASS**  
**(VALVULA RETENCIÓN TIPO COLUMPIO DE ACERO FUNDIDO CLASE 150)**

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.))

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	N A	315	N A
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

### MECHANICAL TEST (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										COMPOSICIÓN QUIMICA (%)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD
<b>BODY</b> CUERPO	K5368	ASTM A-216 GR WCB Normalized (Normalizado a)	0.190	0.940	0.023	0.011	0.460	0.020	0.150	0.001	0.024	0.009	74.68	46.40	31	51	151
		930 °C					Temper to (Temple a)	650 °C			Air Cooled. (Enfriado en aire.)						
<b>COVER</b> TAPA	K5369	ASTM A-216 GR WCB Normalized (Normalizado a)	0.180	0.950	0.026	0.010	0.510	0.017	0.220	0.003	0.027	0.009	74.68	45.68	32	51	153
		930 °C					Temper to (Temple a)	650 °C			Air Cooled. (Enfriado en aire.)						
<b>WEDGE</b> DISCO	H5676	ASTM A-216 GR WCB Normalized (Normalizado a)	0.210	0.790	0.020	0.013	0.410	0.023	0.150	0.019	0.022	0.003	75.00	46.00	31	54	153
		930 °C					Temper to (Temple a)	650 °C			Air Cooled. (Enfriado en aire.)						



CERTIFICADO POR:  
 ASEGURAMIENTO DE

CERTIFIED BY :  
 QUALITY ASSURANCE

*[Signature]*  
 Valanda Ponceano