



**WALWORTH**  
Since 1842

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

V138R4848

(Fecha) Date

23/03/2015

## 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	NA	315	NA
PNEUMATIC (PSI) (NEUMATICA)			NA	NA

### 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	BHN AVG
BODY CUERPO	K0686	ASTM A-216 GR WCB Normalized (Normalizado a) 930 °C	0.195	0.921	0.026	0.027	0.487	0.016	0.027	0.009	0.027	0.006	73.52	40.60	29	44	156	
COVER TAPA	K0687	ASTM A-216 GR WCB Normalized (Normalizado a) 930 °C	0.190	0.730	0.012	0.023	0.440	0.023	0.031	0.020	0.026	0.001	76.85	46.40	28	40	152	
WEDGE DISCO	K3044	ASTM A-216 GR WCB Normalized (Normalizado a) 900 °C	0.186	0.868	0.020	0.012	0.462	0.032	0.045	0.007	0.030	0.011	78.30	57.28	36	50	154	

FAC10-21 REV "3"

CERTIFICADO POR:  
ASEGURAMIENTO DE

CERTIFIED BY :  
QUALITY ASSURANCE

Yolanda Ponciano