



**WALWORTH**  
Since 1842

Industrial de Valvulas, S.A. de C.V.  
Av. de La Industria Lote 16 Fracc. Industrial El Trebol  
Tepozotlan, Estado de Mexico C.P. 54600  
Teléfono: (52 55) 5899 1700 Fax: (52 55) 5876 0156  
E-Mail: Info@walworth.com.mx Web: www.walworthvalves.com

(Numero) Number  
(Fecha) Date

V13FC02308  
30/10/2014

## 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. AC013A08MAB830000F  
(Código)  
Description 2" Fig. 5232 F UT WCB, API TRIM No.8 830000  
Descripción CAST STEEL GATE VALVE 600 CLASS  
(VALVULA COMPUERTA DE ACERO FUNDIDO CLASE 600)  
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)	2225	2225	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

### 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	YIELD	ELG	RED	BHN		
														KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG		
BODY CUERPO	Z2058	ASTMA-216 GR WCB Normalized (Normalizado a) 930 °C	0.225	0.714	0.013	0.012	0.422	0.012	0.015	0.013	0.012	0.001	Temper to (Temple a) 650 °C Air Cooled. (Enfriado en aire.)			70.62	37.56	28	37	170
BONNET BONETE	Z2058	ASTMA-216 GR WCB Normalized (Normalizado a) 930 °C	0.225	0.714	0.013	0.012	0.422	0.012	0.015	0.013	0.012	0.001	Temper to (Temple a) 650 °C Air Cooled. (Enfriado en aire.)			70.62	37.56	28	37	170
WEDGE DISCO	3349	ASTMA-216 GR WCB Normalized (Normalizado a) 930 °C	0.234	0.739	0.029	0.015	0.464	0.138	0.093	0.020	0.065	0.014	Temper to (Temple a) 650 °C Air Cooled. (Enfriado en aire.)			76.85	47.85	29	44	159

CERTIFICADO POR:  
ASEGURAMIENTO DE

CERTIFIED BY:  
QUALITY ASSURANCE

Yolanda Ponciano