



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

(Numero) Number  
 (Fecha) Date

V14C140  
 31/03/2014

## 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 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. **GC087A05MAA0000000**  
 (Código)  
 Description **8" Fig. 5560PSF F HF WCB, API TRIM No. 5 000000**  
 Descripción **PRESSURE SEAL GATE VALVE 2500 CLASS**  
**(VALVULA COMPUERTA PS CLASE 2500)**

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	9375	9375	6875	6875
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

### MECHANICAL TEST (PROP. MECANICAS)

### CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											TENS	YIELD	ELG	RED	BHN
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
BODY CUERPO	131213	ASTM A-216/WCB	0.250	0.841	0.028	0.007	0.420	0.091	0.134	0.026	0.044	0.003	81.12	44.00	43	44	179	
			Normalized (Normalizado a) 810 °C															
			Temper to (Temple a) 650 °C															
			Air Cooled. (Enfriado en aire.)															
BONNET BONETE	101213	ASTM A-216/WCB	0.250	1.000	0.027	0.009	0.452	0.123	0.339	0.035	0.062	0.004	80.99	42.12	40	40	180	
			Normalized (Normalizado a) 810 °C															
			Temper to (Temple a) 650 °C															
			Air Cooled. (Enfriado en aire.)															
WEDGE DISCO	221213	ASTM A-216/WCB	0.236	0.648	0.025	0.007	0.319	0.058	0.227	0.025	0.055	0.006	82.11	43.91	43	40	179	
			Normalized (Normalizado a) 810 °C															
			Temper to (Temple a) 650 °C															
			Air Cooled. (Enfriado en aire.)															

CERTIFICADO POR:  
 ASEGURAMIENTO DE

CERTIFIED BY:  
 QUALITY ASSURANCE

Yolanda Ponciano