



**WALWORTH**

Since 1842

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(Numero) Number  
 (Fecha) Date

V14C139  
 28/03/2014

**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 (%)										TENS	YIELD	ELG	RED	BHN	
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
BODY CUERPO	121213	ASTM A-216/WCB	0.212	0.858	0.025	0.003	0.402	0.029	0.070	0.008	0.032	0.003		81.00	43.91	42	45	175
			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 Ponceano**