



**WALWORTH**  
Since 1942

Industrial de Valvulas, S.A. de C.V.  
Av. de La Industria Lote 16 Fracc. Industrial El Trebol  
Tepetzotlan, Estado de Mexico C.P. 54600

(Numero) Number  
(Fecha) Date

V10C1763  
15/02/2010

## 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 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. **AC081A08MAB830000C**  
(Código) **8" Fig. 5202 F UT WCB, API TRIM No.8 830000C**

Description **CAST STEEL GATE VALVE 150 CLASS**  
Descripción **(VALVULA COMPUERTA DE ACERO FUNDIDO CLASE 150)**

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

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315	315
PNEUMATIC (PSI) (NEUMATICA)			80	80

### MECHANICAL TESTS (PROP. MECANICAS)

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

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V					
BODY CUERPO	WH30866	ASTM A-216/WCB	0.210	0.960	0.028	0.016	0.409	0.042	0.051	0.017	0.038	0.001	75.98	47.27	27	53	164
Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C										Cooled in air.(Cooled in air. (Enfr)				
BONNET BONETE	WH31225	ASTM A-216/WCB	0.217	0.950	0.028	0.013	0.446	0.035	0.020	0.011	0.024	0.001	75.54	43.06	27	52	167
Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C										Cooled in air.(Cooled in air. (Enfr)				
WEDGE DISCO	WH30986	ASTM A-216/WCB	0.212	0.960	0.035	0.014	0.418	0.048	0.077	0.018	0.037	0.001	76.41	42.92	25	46	155
Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C										Cooled in air.(Cooled in air. (Enfr)				

PLEASE ANAHUAC Y CIAS. S.A. DE C.V.  
CONTROL DE CALIDAD  
FECHA 15 Feb 2010  
E389  
FIRMA Franque Ruiz

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD  
CERTIFIED BY: QUALITY ASSURANCE

JESSICA GARCIA