



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  
 Teléfono: (52 55) 5899 1700 Fax: (52 55) 5876 0156  
 E-Mail: Info@walworth.com.mx Web: www.walworthvalves.com

(Numero) Number  
 (Fecha) Date

V12LC2910  
 30/09/2013

**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 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.** AC041A08MAB830000H  
 (Código)  
**Description** 4" Fig. 5202 F UT WCB, API TRIM No.8 830000  
 Descripción CAST STEEL GATE VALVE 150 CLASS  
 (VALVULA COMPUERTA 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	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

**MECHANICAL TEST (PROP. MECANICAS)**

**CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)**

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											MECHANICAL TEST (PROP. MECANICAS)				
			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	7019	ASTM A-216/WCB	0.200	0.690	0.030	0.026	0.340	0.030	0.031	0.008	0.028	0.003	76.56	39.44	27	38	161	
Normalized (Normalizado a) 930 °C			Temper to (Temple a) 650 °C											Air Cooled. (Enfriado en aire.)				
BONNET BONETE	6526	ASTM A-216/WCB	0.220	0.860	0.026	0.022	0.510	0.052	0.067	0.002	0.029	0.004	76.71	45.82	28	38	156	
Normalized (Normalizado a) 930 °C			Temper to (Temple a) 650 °C											Air Cooled. (Enfriado en aire.)				
WEDGE DISCO	6003	ASTM A-216/WCB	0.200	0.690	0.023	0.021	0.460	0.057	0.062	0.004	0.019	0.002	77.00	41.00	28	42	150	
Normalized (Normalizado a) 930 °C			Temper to (Temple a) 650 °C											Air Cooled. (Enfriado en aire.)				

FAC10-21 REV 03

CERTIFICADO POR:  
 ASEGURAMIENTO DE

CERTIFIED BY:  
 QUALITY ASSURANCE

Yolanda Ponciano