



**WALWORTH**  
Since 1842

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

(Numero) Number  
(Fecha) Date

V08C13310  
28/03/2008

# QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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  
(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 EDICION)

- 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. **AC011A08MAB**

Description **2" Fig. 5202 F UT WCB, API TRIM No.8 830000K**

CAST STEEL GATE VALVE  
(VALVULA COMPLETA DE ACERO FUNDIDO)

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	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

## MECHANICAL TESTS (PROP. MECANICAS)

## CHEMICAL COMPOSITION (%)

## COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	Cb	TENS KPSI CVN <sub>60</sub>	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET	WH22528	ASTM A-216/WCB	0.203	0.964	0.022	0.028	0.515	0.018	0.027	0.007	0.030	0.003		75.83	43.35	26	52	169
BONNET	WH22528	ASTM A-216/WCB	Normalized to (Normalized a) 930 °C	0.189	0.860	0.013	0.015	0.471	0.006	0.044	0.025	0.023	0.005	74.24	45.68	27	46	160
BODY	WH22436	ASTM A-216/WCB	Normalized to (Normalized a) 930 °C	0.100	0.830	0.024	0.015	0.920	0.160	12.970	0.025	0.025	0.003	100.34	68.73	25	47	268
CUERPO	WH22436	ASTM A-216/WCB	Normalized to (Normalized a) 930 °C															
WEDGE DISCO	DM020	ASTM A-217/CA15	Normalized a (Normalized to) 970 °C					Temple a (Temple to) 630 °C										