



**WALWORTH**  
Since 1842

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

(Numero) Number  
(Fecha) Date

V07C24980  
28/09/2007

## QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

### 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:  
(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)

- API 598
- API 599
- ANSI B16-10
- ANSI B16-34
- MSS-SP61
- VALVE INSPECTION AND TESTING
- METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- VALVES - FLANGED, THREADED AND WELDING ENDS
- PRESSURE TESTING OF STEEL VALVES
- API 6D
- API 600
- ANSI B16-11
- API 602
- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- STEEL GATE VALVES, FLANGED AND WELDING ENDS
- FORGED FITTINGS, SOCKET - WELDING AND THREADED
- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

**Part No. AC032A08MAA**  
(Codigo)  
**3" Fig. 5206 F UT WCB, API TRIM No.8 8300000**  
Description  
CAST STEEL GATE VALVE  
(VALVULA COMPUERTA 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)
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	N/A
PNEUMATIC (PSI) (NEUMATICA)			80

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUÍMICA (%)					TENS YIELD ELG RED BHN										
	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	KPSI CVM6	KPSI 1ST	% 2ND	% 3RD	AVG

ITEM (PARTE)	HEAT No. (CODADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	KPSI CVM6	KPSI 1ST	% 2ND	% 3RD	AVG
BONNET	WH1250	ASTM A-216/WCB	0.217	0.900	0.026	0.013	0.514	0.049	0.044	0.020	0.036	0.005		78.59	46.11	31	51	153
BONNET	WH20860	ASTM A-216/WCB	0.190	0.910	0.027	0.018	0.529	0.048	0.047	0.021	0.028	0.006		75.26	44.52	31	57	150
WEDGE DISCO	WH81125	ASTM A-217/CA15	0.137	0.659	0.032	0.029	0.636	0.154	12.950	0.032	0.025	0.001	0.000	101.50	69.89	29	42	287

CERTIFICADO POR:  
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:  
QUALITY ASSURANCE