



**WALWORTH**  
Since 1842

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

(Numero) Number  
(Fecha) Date

V07C27500  
02/10/2007

# 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 PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES)

- 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 ANF 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. **AC042A08MAA**

(Codigo) **4" 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)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	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	W	TENS KPSI CNSI/g	YIELD KPSI IST	ELG %	RED %	BHN AVG
BONNET BONETE	WH20552	ASTM A-216/WCB	0.219	0.890	0.032	0.017	0.414	0.041	0.038	0.019	0.020	0.002		88.59	54.66	34	50	162
BODY CUERPO	WH22654	ASTM A-216/WCB	0.190	0.990	0.014	0.008	0.437	0.018	0.033	0.005	0.056	0.003		77.43	47.56	31	41	155
WEDGE DISCO	DS429	ASTM A-217/CA15	0.100	0.780	0.010	0.020	0.940	0.460	12.980	0.022	0.035	0.002		100.19	68.73	26	43	276

FACIO-21 REV 7"

CERTIFICADO POR:  
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:  
QUALITY ASSURANCE

Sandra Ruiz