



**WALWORTH**<sup>(®)</sup>  
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  
V07C9130  
09/11/2007

## 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.)

- 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
- PIPELINE VALVES - GATE, PLUG, BALL ANF 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. AC101A12MAA

(Codigo) 10" Fig. 5202 F 3HF WCB, API TRIM No.12 7900000

Description CAST STEEL GATE VALVE  
(VALVULA COMPUERTA DE ACERO FUNDIDO)  
MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMENT \*TS AND LOW FUGITIVE EMISSIONS CONTROL  
(VALVULA SERVICIO NACE MR-01-75 \*Y CONTROL DE EMISIONES FUGITIVAS 50 PPM'S)

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

### CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)															
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET BONETE	WH27374	ASTM A-216/WCB	0.196	0.951	0.029	0.013	0.470	0.009	0.042	0.008	0.009	0.003		81.49	47.12	30	45	161
BODY CUERPO	WH23440	ASTM A-216/WCB	0.211	0.863	0.027	0.015	0.417	0.015	0.024	0.042	0.037	0.001		72.50	45.53	32	42	161
WEDGE DISCO	310830	ASTM A-216/WCB	0.240	0.810	0.019	0.019	0.580	0.090	0.220	0.023	0.000	0.000		82.48	41.71	30	46	170

FACI-0-21 REV "2"

CERTIFICADO POR:  
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:  
QUALITY ASSURANCE

Sandra Ruiz