



**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

V07G4404  
26/11/2007

## 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 PRABADO 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. **AG031A08MAA**

Description **3" Fig. 5275 F UT WCB, API TRIM No.8 8300000**

(VALVULA GLOBO DE ACERO FUNDIDO)  
(VALVE WITH LOW EMISSION CONTROL  
(VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX))

TEST	REQUIREMENT	ACTUAL	STATUS
PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	450	450
HYDROSTATIC (PSI) (HIDROSTATICA)	BACK (SEAT)	450	315
PNEUMATIC (PSI) (NEUMATICA)	SIDE (LADO)	80	80
			N/A

#### MECHANICAL TESTS (PROP. MECANICAS)

#### CHEMICAL COMPOSITION (%)

#### COMPOSICIÓN QUIMICA (%)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KPSI CYN@)	YIELD (KPSI 1ST)	ELG (%) 2ND	RED (%) 3RD	BHN AVG
BONNET	WH10009	ASTM A-216/WCB	0.202	0.994	0.031	0.023	0.455	0.011	0.048	0.006	0.032	0.005	0.000	42.92	73.08	26	50	160
BONNET	XS014	ASTM A-216/WCB	0.210	0.880	0.031	0.018	0.450	0.025	0.046	0.005	0.028	0.003	0.000	76.13	44.95	24	45	147
WEDGE DISCO	1309-06	ASTM A-276 GR 410	0.140	0.770	0.022	0.009	0.570	0.430	12.320	0.000	0.190	0.000	0.000	101.38	58.89	24	57	200

FACI(0-21 REV "2"

CERTIFICADO POR:  
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:  
QUALITY ASSURANCE

*Sandra Ruiz*