



**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

V07G4420  
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**

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

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

### CHEMICAL COMPOSITION (%)

### COMPOSICION QUIMICA (%)

ITEM (PART) (COLADA)	HEAT No. (MATERIAL) (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KPSI) (CVN@)	YIELD (KPSI) (1ST)	ELG (%) (2ND)	RED (%) (3RD)	BHN (AVG)	
BONNET	WH15008	0.199	0.873	0.027	0.020	0.438	0.035	0.043	0.019	0.005	0.001		85.69	48.28	32	57	154	
BONNET	WH15008	Normalized to (Normalized a) 930 °C																
BONNET	WH15008	Temper to (Temple a) 650 °C																
BODY	XS022	0.220	0.920	0.010	0.019	0.520	0.026	0.075	0.003	0.020	0.005		85.30	42.40	35	45	163	
BODY	XS022	Normalized to (Normalized a) 930 °C																
BODY	XS022	Temper to (Temple a) 650 °C																
WEDGE DISCO	759-07	0.110	0.732	0.019	0.008	0.568	0.537	11.950	0.038	0.038	0.000		88.00	75.00	35	50	187	
WEDGE DISCO	759-07	Normalized to (Normalized a) 930 °C																
WEDGE DISCO	759-07	Temper to (Temple a) 650 °C																

### MECHANICAL TESTS (PROF. MECANICAS)