



WALWORTH
Since 1842

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

(Numero) Number **V08G2526**
(Fecha) Date **15/04/2008**

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)

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 LAST EDITION:

(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 ULTIMA EDICION.)

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 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. **AG021A08MAA**

(Codigo)

2 1/2" Fig. 5275 F UT WCB, API TRIM No.8 83000000

Description

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)

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

MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										COMPOSICIÓN QUIMICA (%)			MECHANICAL TESTS (PROP. MECANICAS)		
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS	YIELD	ELG	RED	BHN
BONNET	1A932	ASTM A-216/WCB	0.231	0.759	0.014	0.008	0.600	0.083	0.141	0.001	0.129	0.006	75.84	45.32	36	37	157	
BONETE			Normalized to (Normalized a) 945 °C															
BODY	874A444	ASTM A-216/WCB	0.210	0.900	0.022	0.025	0.520	0.140	0.220	0.060	0.160	0.004	83.10	51.10	27	51	163	
CUERPO			Normalized to (Normalized a) 930 °C															
WEDGE	676-07	ASTM A-276 GR 410	0.117	0.490	0.024	0.004	0.499	0.203	12.730	0.034	0.202		74.00	56.00	35	50	156	
DISCO			Temper to (Temple a) 650 °C															

Sandra Ruiz

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE