



WALWORTH
Since 1842

Industrial de Valvulas, S.A de C.V.

Av. de La Industria Lote 16 Fracc. Industrial El Trebol,
Tepotzotlan, Estado de México C.P. 54600

(Numero) Number
(Fecha) Date
V08G2534
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 EDICIÓN.)

- API 598
- API 599
- ANSI B16-10
- ANSI B16-34
- MSS-SP61
- 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
- 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

Part No. **AG021A08MAA**

(Código) **2 1/2" Fig. 5275 F UT WCB, API TRIM No.8 8300000**

Description
Descripción

**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 (%)										TENS			YIELD			ELG			RED			BHN		
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG	KPSI 1ST	% 2ND	% 3RD	AVG															
BONNET	311065	ASTM A-216/WCB	0.240	0.880	0.016	0.008	0.530	0.028	0.060	0.007	0.000	0.000	80.00	41.44	30	49	163	80.00	41.44	30	49	163															
BODY	874A481	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C	0.200	0.690	0.017	0.037	0.410	0.270	0.220	0.110	0.191	0.002	78.61	47.17	27	48	156	78.61	47.17	27	48	156														
WEDGE	676-07	ASTM A-276 GR 410	Normalized to (Normalizado a) 930 °C	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	74.00	56.00	35	50	156															

Sandra Ruiz

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE