



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
 (Fecha) Date

V08G3220
 03/10/2008

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
 (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.)

- 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. AG041A08MAA8300000

(Código) 4th Fig. 5275 F UT WCB, API TRIM No.8 8300000

Description 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 (SEAL)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUÍMICA (%)					TENS YIELD ELG RED BHN									
	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD

ITEM (PARTES)	HEAT No. (COTADADA)	MATERIAL (ASTM)																
BONNET	12637	ASTM A-216 WCB	0.210	0.860	0.012	0.001	0.580	0.160	0.320	0.019	0.000	0.000	81.49	41.77	26	48	163	
BONNETE			Normalizado to (Normalizado a) 930 °C															
BODY	311996	ASTM A-216 WCB	0.200	0.880	0.009	0.003	0.450	0.070	0.140	0.002	0.000	79.30	45.99	25	44	163		
CUERPO			Normalizado to (Normalizado a) 930 °C															
WEDGE	15-08	ASTM A-276 GR 410	0.123	0.699	0.025	0.004	0.615	0.214	12.890	0.041	0.116	100.00	75.00	35	50	217		
DISCO			Normalizado to (Normalizado a) 650 °C															

FACIO-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

JESSICA GARCIA