



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 V08G3231
 (Fecha) Date 11/08/2008

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 PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICIÓN.)

- 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**
 (Codigo)
4" Fig. 5275 F UT WCB, API TRIM No.8 8300000
 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)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

MECHANICAL TESTS (PROP. MECANICAS)

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

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Min	P	S	SI	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
BONNET BONETE	12634	ASTM A-216/WCB	0.240	0.890	0.006	0.001	0.590	0.210	0.310	0.001	0.000	0.000	0.000	81.20	42.66	27	43	163
BODY CUERPO	311996	ASTM A-216/WCB	0.200	0.880	0.009	0.003	Temper to (Temple a) 930 °C 0.450	0.070	0.140	0.002	0.000			79.30	45.99	25	44	163
WEDGE DISCO	15-08	ASTM A-276 GR 410	0.123	0.699	0.025	0.004	Temper to (Temple a) 650 °C 0.615	0.214	12.890	0.041	0.116	0.033		100.00	75.00	35	50	217

FACI0-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

JESSICA GARCIA