



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

(Numero) Number **V08G2820**
 (Fecha) Date **09/07/2008**

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)
 ASEGUARAMIENTO 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:
 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. **AG031A08MAA**

(Codigo) **3" 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 (PROBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

CHEMICAL COMPOSITION (%)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)																			
			C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	Cb									
BONNET	XSI42	ASTM A-216/WCB	0.196	0.820	0.032	0.017	0.439	0.020	0.040	0.010	0.020	0.001										
BONETE			Normalized to (Normalizado a) 930 °C			Temper to (Tempe a) 650 °C			Cooled in air: (Cooled in air: (Entf)			Cooled in air: (Cooled in air: (Entf)										
BODY	38724	ASTM A-216/WCB	0.220	0.750	0.012	0.016	0.590	0.040	0.110	0.001	0.000	0.000										
CUERPO			Normalized to (Normalizado a) 930 °C			Temper to (Tempe a) 650 °C			Cooled in air: (Cooled in air: (Entf)			Cooled in air: (Cooled in air: (Entf)										
WEDGE DISCO	956-07	ASTM A-276 GR 410	0.107	0.356	0.024	0.004	0.322	0.185	12.870	0.016	0.122	0.000										

MECHANICAL TESTS (PROP. MECANICAS)

TENS	YIELD	ELG	RED	BHN
KPSI (CARGA)	KPSI 1ST	% 2ND	% 3RD	AVG
74.24	46.26	29	46	163
87.66	48.22	27	44	170
85.00	75.00	35	50	179

FACIO-21 REV "3"

CERTIFICADO POR: ASEGUARAMIENTO DE CALIDAD

CERTIFIED BY: SANDRA RUIZ

QUALITY ASSURANCE