



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

(Numero) Number
 (Fecha) Date

V07G4415
 28/10/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)
 ASSEGURAMIENTO 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 PRUBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICION.)

- API 598 - VALVE INSPECTION AND TESTING
- API 599 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- ANSI B16-10 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- ANSI B16-34 - VALVES - FLANGED, THREADED AND WELDING ENDS
- MSS-SP61 - PRESSURE TESTING OF STEEL VALVES

- API 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- API 600 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
- ANSI B16-11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. **AG031A08MAA8300000**

(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 SIMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A.99 PPM'S MAX)

TEST	VALUE	REMARKS
PRESSURE TEST (PRUBAS DE PRESION)		
HYDROSTATIC (PSI)	450	
PNEUMATIC (PSI)	450	
	80	

MECHANICAL TESTS (PRUBAS MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUÍMICA (%)

ITEM (PART)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Min	P	S	Si	Ni	Cr	Mo	Cu	V	Ce	TENS (KPSI C/INCH)	YIELD (KPSI 1ST)	ELG (%) 2ND	RED (%) 3RD	BHN
BONNET	WH15008	ASTM A-216/WCB	0.199	0.873	0.027	0.020	0.438	0.035	0.043	0.019	0.005	0.001		85.69	48.28	32	57	154
BONNET			Normalized to (Normalizado a) 930 °C															
BODY	XS018	ASTM A-216/WCB	0.210	0.870	0.025	0.019	0.430	0.021	0.041	0.009	0.034	0.005		75.43	46.59	29	49	162
CUERPO			Normalized to (Normalizado a) 930 °C															
WEDGE DISCO	759-07	ASTM A-276 GR 410	0.110	0.732	0.019	0.008	0.568	0.537	11.950	0.038	0.038	0.000		88.00	75.00	35	50	187
			Cooled in air (Enfri) (Enfri)															

FAC10/21 REV 3*

CERTIFICADO POR:
 ASSEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE


 SANDRA RUIZ