



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 V07G4416
 (Fecha) Date 26/11/2007

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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:
 (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.)

- 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 ANF 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. AG031A08MAA

(Codigo) 3" Fig. 5275 F UT WCB, API TRIM No.8 83000000

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)

TEST	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
PRESSURE TEST (PRUEBAS DE PRESION)	450	450	315
HYDROSTATIC (PSID) (HIDROSTATICA)	450	450	315
PNEUMATIC (PSID) (NEUMATICA)			80
			N A

CHEMICAL COMPOSITION (%)

ITEM (PARTES) (COLADAS)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KPSI CVM@)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)	
BONNET	WH5849	ASTM A-216/WCB	0.198	0.928	0.024	0.022	0.466	0.030	0.030	0.020	0.020	0.001	0.000	76.13	46.55	26	44	167	
BONNET																			
BODY	XS013.	ASTM A-216/WCB	0.220	0.840	0.021	0.020	0.360	0.069	0.190	0.026	0.030	0.005		74.38	45.96	26	42	163	
CUERPO																			
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	

MECHANICAL TESTS (PROP. MECANICAS)