



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

(Numero) Number V08G2811
 (Fecha) Date 09/07/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO
 (ACCORDING TO EN10204 TYPE 3.1)

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 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 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)
 Description **3" Fig. 5275 F UT WCB, API TRIM No.8 8300000**
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 TYPE	TEST VALUE	TEST TYPE	TEST VALUE	TEST TYPE	TEST VALUE
PRESSURE TEST (PRUEBAS DE PRESION)		SHELL (CASCO)	450	BACK (SEAT)	450
HYDROSTATIC (PSI) (HIDROSTATICA)	450				
PNEUMATIC (PSI) (NEUMATICA)	80				
				SIDE (LADO)	1 2
					N A

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI CVN ₅₀)	YIELD (KPSI 1ST)	ELG (%) 2ND	RED (%) 3RD	BHN AVG	
BONNET	WH8121	ASTM A-216/WCB	0.198	0.922	0.024	0.022	0.459	0.020	0.020	0.010	0.030	0.001		76.70	49.01	26	48	171	
BONNETE																			
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		87.66	48.22	27	44	170	
CUERPO																			
WEDGE	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		85.00	75.00	35	50	179	
DISCO																			

MECHANICAL TESTS (PROP. MECANICAS)

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
 CERTIFIED BY: QUALITY ASSURANCE

Sandra Ruiz