



Industrial de Valvulas, S.A de C.V.
 Av. de La Industria Lot# 16 Fracc. Industrial El Trebol
 Tepic, Jalisco, Estado de México C.P. 54600

(Numero) Number
 (Fecha) Date

V08C13792
 28/03/2008

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 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. **AC011A08MAB**
 (Codigo) **2" Fig. 5202 F UT WCB, API TRIM No.8 830000K**

Description **CAST STEEL GATE VALVE (VALVULA COMPUERTA 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)
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N/A
PNEUMATIC (PSI) (NEUMATICA)			80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI CVN ₆)	YIELD (KPSI 1ST)	ELG (%) 2ND	RED (%) 3RD	BHN (AVG)
BONNET	WH2344	ASTM A-216/WCB	0.188	0.900	0.023	0.017	0.403	0.042	0.038	0.017	0.005	0.001		85.40	43.50	36	56	155
BONNETE			Normalized to (Normalizado a) 920 °C															
BODY	WH26421	ASTM A-216/WCB	0.194	0.970	0.025	0.022	0.494	0.048	0.051	0.019	0.009	0.006		78.74	49.59	34	57	162
CUERPO			Normalized to (Normalizado a) 930 °C															
WEDGE	DM020	ASTM A-217/CA15	0.100	0.830	0.024	0.015	0.920	0.160	12.970	0.025	0.025	0.003		100.34	68.73	25	47	268
DISCO			Normalized a (Normalizado to) 970 °C															
			Temple a (Temple to) 630 °C															

MECHANICAL TESTS (PROP. MECANICAS)	TENS	YIELD	ELG	RED	BHN
	85.40	43.50	36	56	155
	78.74	49.59	34	57	162
	100.34	68.73	25	47	268

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:

QUALITY ASSURANCE