



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

(Numero) Number V08C13784
 (Fecha) Date 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:
 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. **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)

TEST	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
PRESSURE TEST (PRUEBAS DE PRESION)	450	450	1
HYDROSTATIC (PSI) (HIDROSTATICA)			2
PNEUMATIC (PSI) (NEUMATICA)			80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN
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ITEM (PARTS)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KSI (CASCO)	KSI (SEAT)	% 2ND	% 3RD	AVG
BONNET	WH27215	ASTM A-216/WCB	0.197	0.937	0.029	0.017	0.423	0.006	0.042	0.005	0.020	0.001		73.66	42.63	24	51	167
BOUITE			Normalized to (Normalizado a) 930 °C															
BODY	WH23871	ASTM A-216/WCB	0.196	0.899	0.030	0.016	0.482	0.009	0.050	0.006	0.009	0.004		75.26	45.26	28	50	156
CUERPO			Normalized to (Normalizado a) 930 °C															
WEDGE	D3168	ASTM A-217/CA15	0.120	0.820	0.040	0.026	0.940	0.110	12.340	0.015	0.025	0.002		99.32	70.61	26	43	270
DISCO			Enfriado en aire. (Enfriado en aire. (C))															

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:

QUALITY ASSURANCE **Sandra Ruiz**