



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 V08C13782
 (Fecha) Date 28/03/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)
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 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^o 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 (SEAL)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI)	450	450	NA	NA
PNEUMATIC (PSI)			80	80

MECHANICAL TESTS (PROB. MECANICAS)

CHEMICAL COMPOSITION (%) **COMPOSICIÓN QUÍMICA (%)**

ITEM (PARTE)	HEAT No. (COLADN)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI CYN@)	YIELD (KPSI 1ST)	ELG % 2ND	RED % 3RD	BHN AVG
BONNET	WH25712	ASTM A-216/WCB	0.193	0.932	0.023	0.016	0.474	0.005	0.056	0.009	0.015	0.005		75.98	47.27	32	49	162
BONNET	WH25930	ASTM A-216/WCB	0.192	0.927	0.025	0.014	0.456	0.005	0.031	0.005	0.006	0.001		74.82	43.93	25	47	152
WEDGE DISCO	D0016	ASTM A-217/CA15	0.120	0.800	0.032	0.021	0.870	0.360	12.390	0.032	0.042	0.003		100.05	69.31	26	45	274

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD CERTIFIED BY: QUALITY ASSURANCE
 Sandra Ruiz