



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

(Numero) Number V08C10423
 (Fecha) Date 06/02/2008

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. AC061A08MAB
 (Codigo) **6" 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 SEMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

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

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUÍMICA (%)																
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN ₅₀	YIELD KPSI 1ST	ELG %	RED %	BHN AVG	
BONNET BONETE	WH23536	ASTM A-216/WCB	0.191	0.946	0.026	0.012	0.440	0.005	0.011	0.018	0.118	0.001		84.53	45.67	31	48	152	
BODY CUERPO	WH23728	ASTM A-216/WCB	Normalized to (Normalized a) 920 °C 0.210	0.929	0.033	0.014	Temper to (Temple a) 650 °C 0.412	0.005	0.019	0.027	0.057	0.003		74.96	49.59	29	50	156	
WEDGE DISCO	D4791	ASTM A-217/CA15	Normalized to (Normalized a) 920 °C 0.090	0.700	0.032	0.016	Temper to (Temple a) 650 °C 0.850	0.810	12.970	0.026	0.022	0.001		100.78	69.60	25	47	276	
			Normalized a (Normalized to) 970 °C				Temple a (Temple to) 630 °C												