



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

(Numero) Number V08C14150
 (Fecha) Date 05/06/2008

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:
 (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 EDICIÓN.)

- 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 SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

TEST TYPE	PSI	PSI	PSI	PSI
PRESSURE TEST (PRUEBAS DE PRESION)	450	450	N/A	N/A
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N/A	N/A
PNEUMATIC (PSI) (PNEUMATICA)	80	80	80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb
BONNET	WH23358	ASTM A-216/WCB	0.200	0.898	0.026	0.015	0.432	0.007	0.025	0.037	0.056	0.004	
BONNET	WH23358	ASTM A-216/WCB	Normalized to (Normalized a) 920 °C	0.197	0.855	0.023	0.017	0.477	0.022	0.035	0.031	0.001	
BODY	WH23399	ASTM A-216/WCB	Normalized to (Normalized a) 920 °C	0.100	0.790	0.032	0.016	0.900	0.390	0.025	0.025	0.002	
CUERO	D5487	ASTM A-217/CA15	Normalized a (Normalized to) 970 °C				Temple a (Temple to) 630 °C						
WEDGE DISCO													

MECHANICAL TESTS (PROP. MECANICAS)

TENS	YIELD	ELG	RED	BHN
KPSI (KPSI)	KPSI (KPSI)	% (1ST)	% (2ND)	% (3RD)
76,70	46,40	30	50	158
72,64	43,06	26	43	157
99,62	70,31	25	46	275

FACI0-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: QUALITY ASSURANCE

Sandra Ruiz