



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 V07C29109
 (Fecha) Date 25/10/2007

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.)

- 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

- API 6D
- API 600
- ANSI B16-11
- API 602
- 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. **AC061A09MAA**

(Codigo) **6" Fig. 5202 F A WCB, API TRIM No. 9 8300000**

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)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	NA	NA
PNEUMATIC (PSI) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN						
	C	Mn	P	S	SI	Ni	Cr	Mo	Cu	V	W	KPSI (CVN@)	KPSI 1ST	% 2ND	% 3RD	AVG

ITEM (PARTS) (COLADAN)	HEAT No. (ASTM)	MATERIAL (ASTM)															
BONNET	WH22117	ASTM A-216/WCB	0.201	0.876	0.024	0.007	0.490	0.026	0.038	0.040	0.027	0.003	73.95	45.68	27	49	158
BONNET	WH17599	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C														
BODY CUERPO	WH17599	ASTM A-216/WCB	0.195	0.929	0.032	0.018	0.534	0.022	0.028	0.004	0.022	0.003	73.23	53.79	30	49	154
WEDGE DISCO	310233	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C														
			0.200	0.850	0.017	0.014	0.530	0.090	0.210	0.006	0.000	0.000	82.14	41.21	28	46	170
			Normalized to (Normalizado a) 930 °C														

CERTIFIED BY: