



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

(Numero) Number V08C14189
 (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 AND 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)

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

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUÍMICA (%)															
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb					
BONNET	WH24185	ASTM A-216/WCB	0.192	0.887	0.024	0.014	0.490	0.011	0.011	0.011	0.010	0.035	0.002	71.92	46.40	36	43	173
BONNET	WH24185	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C															
BODY	WH24142	ASTM A-216/WCB	0.199	0.899	0.029	0.011	0.417	0.005	0.005	0.014	0.026	0.001	81.92	45.67	29	43	152	
BODY	WH24142	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C															
WEDGE	D5612	ASTM A-217/CA15	0.130	0.750	0.022	0.016	0.900	0.320	12.150	0.027	0.081	0.002	100.92	68.15	27	47	271	
WEDGE	D5612	ASTM A-217/CA15	Normalized to (Normalizado to) 970 °C															
DISCO			Temple a (Temper to) 630 °C															

MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	TENS							YIELD	ELG	RED	BHN
			1ST	2ND	3RD	AVG	1ST	2ND	3RD				
BONNET	WH24185	ASTM A-216/WCB	71.92	46.40	36	43	173	81.92	45.67	29	43	152	
BONNET	WH24185	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C										
BODY	WH24142	ASTM A-216/WCB	81.92	45.67	29	43	152	100.92	68.15	27	47	271	
BODY	WH24142	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C										
WEDGE	D5612	ASTM A-217/CA15	100.92	68.15	27	47	271						
WEDGE	D5612	ASTM A-217/CA15	Normalized to (Normalizado to) 970 °C										
DISCO			Temple a (Temper to) 630 °C										

FACIO-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: QUALITY ASSURANCE


 Sandra Ruiz