



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
 (Fecha) Date

V07C37980
 10/12/2007

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)

- | | | | |
|-------------|---|-------------|---|
| API 598 | - VALVE INSPECTION AND TESTING | API 6D | - PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK |
| API 599 | - METAL PLUG VALVES - FLANGED, THREADED AND WELDING | API 600 | - STEEL GATE VALVES, FLANGED AND WELDING ENDS |
| ANSI B16-10 | - FACE TO FACE AND END TO END DIMENSIONS OF VALVES | ANSI B16-11 | - FORGED FITTINGS, SOCKET - WELDING AND THREADED |
| ANSI B16-34 | - VALVES - FLANGED, THREADED AND WELDING ENDS | API 602 | - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS |
| MSS-SP61 | - PRESSURE TESTING OF STEEL VALVES | | |

Part No. **AC011A08MAB**

Description (Código) **2" Fig. 5202 F UT WCB, API TRIM No.8 830000K**

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)	
	450	450	1 N A	2 N A
HYDROSTATIC (PSI) (HIDROSTATICA)	80			
PNEUMATIC (PSI) (NEUMATICA)	80			

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (CODADA)	MATERIAL (ASTM)	COMPOSICION QUIMICA (%)															
			C	Mn	P	S	SI	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@a	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET	WH24963	ASTM A-216/WCB	0.215	0.925	0.030	0.012	0.394	0.013	0.031	0.010	0.024	0.008		86.71	44.23	34	46	151
BONNETE			Normalized to (Normalized a) 930 °C															
BODY	WH17647	ASTM A-216/WCB	0.219	0.989	0.029	0.013	Tempor to (Temple a) 650 °C	0.511	0.032	0.021	0.040	0.006	0.002	74.38	45.82	32	46	152
CUERPO			Normalized to (Normalized a) 920 °C															
WEDGE	D2355	ASTM A-217/CA15	0.100	0.760	0.011	0.009	0.920	0.130	12.200	0.024	0.034	0.002	98.31	71.63	26	47	269	
DISCO			Normalized a (Normalized to) 970 °C															
			Temple a (Temper to) 630 °C															
			Enfriado en aire (Enfriado en aire. (C))															

MECHANICAL TESTS (PROP. MECANICAS)

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

 Sandra Ruiz