



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 V07C38026
 (Fecha) Date 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 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. AC011A08MAB

Description 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)
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A N A
PNEUMATIC (PSI) (NEUMATICA)			80 80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUÍMICA (%)					TENS	YIELD	ELG	RED	BHN
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ITEM (PARTE)	HEAT No. (COLADO)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	KPSI CVM@	KPSI 1ST	% 2ND	% 3RD	AVG
BONNET	WH24916	ASTM A-216/WCB	0.205	0.914	0.035	0.016	0.390	0.006	0.036	0.013	0.024	0.007		71.78	40.17	36	51	153
BONNET	WH24916	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C															
BODY	WH21324	ASTM A-216/WCB	0.217	0.955	0.027	0.019	0.435	0.047	0.049	0.017	0.016	0.003		81.20	38.72	38	57	153
BODY	WH21324	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C															
WEDGE	D4826	ASTM A-217/CA15	0.100	0.810	0.032	0.016	0.860	0.620	12.430	0.047	0.046	0.002		99.04	70.76	27	45	274
WEDGE	D4826	ASTM A-217/CA15	Normalized to (Normalizado a) 970 °C															
DISCO			Temple a (Temper to) 630 °C															
			Enfriado en aire (Enfriado en aire. (C)															

FACIO-21 REV "2"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE


 Sandra Ruiz