



Industrial de Válvulas, S.A. de C.V.
 Av. de la Industria Lote 16 Fracc. Industrial el Trebol
 Tepozotlan, Estado de México C.P. 54600

(Numero) Number V07C12548
 (Fecha) Date 26/02/2007

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 PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES.)

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

Part No. AC011A08MAB

Description 2" Fig. 5202 F UT WCB, API TRIM No.8 830000
 (Descripción) VALVULA COMPUERTA DE ACERO FUNDIDO
 (CAST STEEL GATE VALVE)

VALVE WITH LOW EMISSION CONTROL
 (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE 1	(Lado) 2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	W	MECHANICAL TESTS (PROP. MECANICAS)				
COMPOSICIÓN QUIMICA (%)														TENS	YIELD	ELG	RED	BHN
WEDGE	D2075	ASTM A-217/CA15	0.120	0.850	0.018	0.011	0.910	0.800	12.460	0.011	0.033	0.001		KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
DISCO		Normalizado a (Normalizado to) 970		Temple a (Temper to) 650				Enfriado en aire. (Cooled in air.)						100.48	68.73	26	48	271
BODY	WH15912	ASTM A-216/WCB	0.196	0.876	0.035	0.028	0.462	0.042	0.005	0.051	0.015	0.001		77.43	46.69	27		
CUERPO		Normalizado to (Normalizado a) 920		Temper to (Temple a) 650				Cooled in air. (Enfriado en aire.)										
BONNET	WH16598	ASTM A-216/WCB	0.207	0.930	0.010	0.025	0.457	0.045	0.049	0.018	0.021	0.005		76.85	45.53	28	47	150
BONETE		Normalizado to (Normalizado a) 920		Temper to (Temple a) 650				Cooled in air. (Enfriado en aire.)										