



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

(Numero) Number V08C11024
 (Fecha) Date 05/02/2008

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.)

- 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
- 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. AC022A08MAB
 (Codigo)
 Description 2 1/2" Fig. 5206 F UT WCB, API TRIM No.8 830000M
 (Descripción)
 CAST STEEL GATE VALVE
 (VALVULA COMPUERTA DE ACERO FUNDIDO)
 VALVE WITH LOW EMISSION CONTROL
 (VALVULA SEMINISTRADA 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)	1125	1125	N A	N A
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	Cb	KPSI CNSI/6	KPSI 1ST	% 2ND	% 3RD	AVG

ITEM (PARTES) (CODIGO)	HEAT No. (COLADO)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)															
			C	Mn	P	S	Si	NI	Cr	Mo	Cu	V	Cb	TENS	YIELD	ELG	RED	BHN
BONNET BONETE	WH17355	ASTM A-216/WCB	0.218	0.944	0.030	0.017	0.513	0.050	0.070	0.022	0.028	0.006		79.17	41.32	33	42	161
BODY CUERPO	WH19891	ASTM A-216/WCB	0.206	0.880	0.029	0.023	0.478	0.040	0.061	0.024	0.018	0.004		74.39	42.92	34	53	160
WEDGE DISCO	D3388	ASTM A-217/CA15	0.130	0.790	0.028	0.019	0.970	0.110	12.470	0.012	0.040	0.001		97.59	72.07	28	49	272

FAC10-21 REV 2*

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

 Sandra Ruiz