



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 V07C13170
 (Fecha) Date 28/02/2007

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

- | | |
|--|---|
| API 598
API 599
ANSI B16-10
ANSI B16-34
MSS-SP61 | - 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 |
| API 6D
API 600
ANSI B16.11
API 602 | - PIPELINE VALVES - GATE, PLUG, BALL AND 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. AC021A08MAB
 (Codigo)
Description 2 1/2" 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 PRESSION)	SHELL (CASCO)	BACK SEAT	SIDE 1	(LADO) 2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N/A	N/A
PNEUMATIC (PSI) (NEUMATICA)			80	80

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										MECHANICAL TESTS (PROP. MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS YIELD	ELG	RED	BHN
WEDGE	D1835	ASTM A-217/CA15	0.100	0.890	0.025	0.018	0.840	0.660	12.780	0.020	0.019	0.002	100.05	70.03	27	46	271
DISCO		Normalizado a (Normalizado to) 970		Temple a (Temper to) 650			Enfriado en aire. (Cooled in air.)										
BONNET	WH13884	ASTM A-216/WCB	0.189	0.949	0.027	0.022	0.409	0.030	0.040	0.010	0.050	0.001	76.12	45.96	25	51	164
BONETE		Normalizado a (Normalizado a) 920		Temper to (Temple a) 650			Cooled in air. (Enfriado en aire.)										
BODY	WH15244	ASTM A-216/WCB	0.218	0.851	0.022	0.010	0.454	0.054	0.043	0.025	0.078	0.001	75.98	42.77	32	49	160
CUERPO		Normalizado to (Normalizado a) 920		Temper to (Temple a) 650			Cooled in air. (Enfriado en aire.)										

CERTIFICADO POR
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Sandra Ruiz