



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

(Numero) Number V07C15554
 (Fecha) Date 24/05/2007

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 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 AND 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 |
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Part No. AC041A08MAB
 (Codigo)
Description 4" Fig. 5202 F UT WCB, API TRIM No.8 8300005
 (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 (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUÍMICA (%)										MECHANICAL TESTS (PROP. MECANICAS)				
			C	Min	P	S	SI	Ni	Cr	Mo	Cu	V	W	TENS YIELD	ELG	RED	BHN
BODY CUERPO	E4104	ASTM A-216 WCB Normalized to (Normalized a) 930	0.190	0.870	0.022	0.021	0.350	0.130	0.100	0.040	0.030	0.010	73.22	37.55	27	39	150
BONNET BONETE	E4122	ASTM A-216 WCB Normalized to (Normalized a) 930	0.210	0.820	0.029	0.024	0.430	0.032	0.046	0.010	0.034	0.005	78.76	47.72	30	57	149
WEDGE DISCO	HC2818	ASTM A-217 CA15 Normalized a (Normalized to) 970	0.100	0.770	0.018	0.017	0.890	0.390	12.390	0.030	0.020	0.010	99.18	70.90	24	47	263

CERTIFICADO POR
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Sandra Ruiz