



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 V07C15613
 (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 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 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

Part No. **AC041A08MAB**
 (Codigo)

Description **4" Fig. 5202 F UT WCB, API TRIM No.8 8300005**
 (Description) **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)	C	Min	P	S	SI	Ni	Cr	Mo	Cu	V	W	MECHANICAL TESTS (PROP. MECANICAS)					
COMPOSICION QUIMICA (%)														TENS CVN@	YIELD 1ST	ELG	% 2ND	% 3RD	BHN AVG
BODY CUERPO	E4099	ASTM A-216/WCB Normalized to (Normalized a) 930	0.240	0.860	0.030	0.032	0.280	0.310	0.260	0.100	0.200	0.010	0.000	85.90	50.75	31	42	187	
BONNET BONETE	E4132	ASTM A-216/WCB Normalized to (Normalized a) 930	0.180	0.840	0.021	0.020	0.380	0.110	0.150	0.030	0.030	0.020		72.06	41.90	28	42	161	
WEDGE DISCO	HC2834	ASTM A-217/CA15 Normalized a (Normalized to) 970	0.120	0.830	0.024	0.021	0.940	0.210	12.430	0.030	0.050	0.010		99.42	71.48	26	49	269	

Sandra Ruiz