



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

(Numero) Number
 (Fecha) Date

V11FC2703
 21/08/2012

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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
 (CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PRABADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES
 (ACCORDING TO EN10204 TYPE 3.1)
 ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO
 FOLLOWING STANDARDS LAST EDITION:
 ESTANDARES ULTIMA EDICION):

- 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 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. AC031A08MAB83000AF

(Codigo) 3" Fig. 5202 F UT WCB, API TRIM No. 8 83000A

Description CAST STEEL GATE VALVE 150 CLASS
 (VALVULA COMPUERTA DE ACERO FUNDIDO CLASE 150)

(VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX).)

TEST TYPE	VALVE SIZE	SEAT	FACE	END
PRESSURE TEST (PROBAS DE PRESION)	450	450	N/A	N/A
HYDROSTATIC (PSD) (HIDROSTATICA)	450	450	N/A	N/A
PNEUMATIC (PSD) (NEUMATICA)	80	80	80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	CB
BODY	N1666	ASTM A-216WCB	0.190	0.730	0.021	0.021	0.420	0.020	0.140	0.130	0.020	0.020	
CLIERRO			Normalized (Normalizado a) 930 °C										
BONNET	N1715	ASTM A-216WCB	0.224	0.688	0.020	0.020	0.431	0.042	0.151	0.162	0.050	0.030	
BONNETE			Normalized (Normalizado a) 930 °C										
WEDGE	347	ASTM A-216WCB	0.230	0.910	0.038	0.022	0.460	0.019	0.026	0.001	0.024	0.000	
DISCO			Air Cooled. (Enfriado en aire.)										

COMPOSICIÓN QUÍMICA (%)

MECHANICAL TESTS (PROP. MECANICAS)

TENS	YIELD	ELG	RED	BHN
REST CVN@	REST 1ST	% 2ND	% 3RD	AVG
73.23	44.95	25	40	170
74.68	44.23	25	38	166
72.50	42.05	29	56	141

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Jessica Garcia