



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 V07C36717
 (Fecha) Date 01/02/2008

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 PRUBADO 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
- API 598
- API 599
- ANSI B16-10
- ANSI B16-34
- MSS-SP61
- API 6D
- API 600
- ANSI B16-11
- API 602
- 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. **AC041A08MAB**
 (Codigo)
4" Fig. 5202 F UT WCB, API TRIM No.8 830000K
 Description
CAST STEEL GATE VALVE
(VALVULA COMPUERTA DE ACERO FUNDIDO)
 VALVE WITH LOW EMISSION CONTROL
 (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

PNEUMATIC (PSI) (NEUMATICA)	PRESSURE TEST (PRUBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
	HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A N A
				1 2
				80 80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	NI	Cr	Mo	Cu	V	Cb	TENS KPSI CVN@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET	WH19677	ASTM A-216/WCB	0.218	0.970	0.029	0.019	0.440	0.041	0.070	0.022	0.014	0.004		79.75	44.80	30	47	151
BONNET	WH18639	ASTM A-216/WCB	0.207	0.878	0.030	0.023	0.411	0.044	0.031	0.019	0.026	0.004		77.14	43.79	30	53	157
WEDGE	WH81492	ASTM A-217/CA15	0.133	0.615	0.022	0.026	0.652	0.080	13.430	0.015	0.020	0.010		98.31	71.92	24	44	300

Normalizado a (Normalized to) 930 °C
 Normalizado a (Normalized to) 930 °C
 Normalizado a (Normalized to) 930 °C
 Normalizado a (Normalized to) 970 °C
 Enfriado en aire (Enfriado en aire. (C)
 Enfriado en aire (Enfriado en aire. (C)

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
 CERTIFIED BY: QUALITY ASSURANCE
 Sandra Ruiz