



Industrial de Valvulas, S.A de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepozotlan, Estado de Mexico C.P. 34600

(Numero) Number
 (Fecha) Date

V08C20782
 03/09/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO
 (ACCORDING TO EN10204 TYPE 3.1)

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 LAST EDITION:
 (CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PRABADO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES 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 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. AC032A08MAB830000K
 (Codigo) **3" Fig. 5206 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)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	N A N A
PNEUMATIC (PSI) (PNEUMATICA)			80 80

MECHANICAL TESTS (PROP. MECHANICAS)

CHEMICAL COMPOSITION (%) **COMPOSICION QUIMICA (%)**

ITEM (PART)	HEAT No. (CODIGO)	MATERIAL (ASTM)	C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	Cb	TENS KSI CVN/g	YIELD KSI IST	ELG %	RED %	BHN AVG	
BONNET	WH22873	ASTM A-216/WCB	0.201	0.862	0.026	0.019	0.439	0.012	0.022	0.032	0.020	0.005		75.11	45.96	28	48	165	
BONNET	WH22873	ASTM A-216/WCB	Normalized to (Normalized a) 930 °C				Temper to (Temple a) 650 °C							74.82	42.77	26	49	162	
BODY	WH2283	ASTM A-216/WCB	Normalized to (Normalized a) 930 °C				Temper to (Temple a) 650 °C							99.18	73.52	23	39	289	
CUERPO	WH81491	ASTM A-217/CA15	0.134	0.620	0.024	0.019	0.650	0.096	13.400	0.023	0.024	0.018		Enfriado en aire; (Enfriado en aire. (C)					
WEDGE DISCO			Normalized to (Normalized to) 970 °C																

FACIO-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

JESSICA GARCIA