



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

(Numero) Number V07C37954
 (Fecha) Date 10/12/2007

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.)

- 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. **AC011A08MAB**

(Codigo) **2" 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)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAL)	SIDE (LADO)
HYDROSTATIC (PSD) (HIDROSTATICA)	450	450	N A N A
PNEUMATIC (PSD) (NEUMATICA)			80 80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUIMICA (%)				TENS	YIELD	ELG	RED	BHN							
	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	KPSI	KPSI	%	%	AVG
												CVN@	1ST	2ND	3RD	

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)															
BONNET	WH21666	ASTM A-216/WCB	0.198	0.863	0.025	0.015	0.416	0.046	0.055	0.023	0.024	0.006	75.11	47.13	36	49	154	
BONNET BONEITE			Normalized to (Normalizado a) 930 °C															
BODY	WH21240	ASTM A-216/WCB	0.190	0.947	0.031	0.014	0.489	0.044	0.061	0.027	0.029	0.005	75.40	43.21	27	56	157	
BODY CUERPO			Normalized to (Normalizado a) 930 °C															
WEDGE	D4226	ASTM A-217/CA15	0.090	0.850	0.030	0.016	0.950	0.082	12.240	0.045	0.071	0.002	98.46	70.62	26	45	274	
WEDGE DISCO			Normalized to (Normalizado to) 970 °C															
			Temple a (Temper to) 630 °C															

FAC10-21 REV "2"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: 
 SANDRA RUIZ

QUALITY ASSURANCE