



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

(Numero) Number **V08C11015**
 (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 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. **AC022A08MAB**

(Codigo) **2 1/2" Fig. 5206 F UT WCB, API TRIM No.8 830000M**

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 (PSD) (NEUMATICA)			80 80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)

ITEM (PARTS)	HEAT No. (COLADN)	MATERIAL (ASTM)	C	Min	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET	WH19929	ASTM A-216/WCB	0.213	0.883	0.019	0.017	0.523	0.044	0.040	0.020	0.029	0.004	0.004	84.83	54.67	30	45	150
BONNET	WH19929	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C															
BODY	WH19684	ASTM A-216/WCB	0.198	0.944	0.028	0.020	0.402	0.041	0.075	0.020	0.010	0.004	0.004	85.70	47.56	29	46	152
BODY	WH19684	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C															
WEDGE	D3989	ASTM A-216/WCB	0.210	0.890	0.020	0.016	0.410	0.043	0.056	0.018	0.024	0.009	0.009	74.38	46.54	27	49	171
WEDGE	D3989	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C															
DISCO			Normalized to (Normalizado a) 920 °C															

FAC10-21 REV 2"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Sandra Ruiz