



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 V08C11023
 (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)
 Description **2 1/2" Fig. 5206 F UT WCB, API TRIM No.8 830000M**
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 (PSI) (HIDROSTATICA)	1125	1125	N A N A
PNEUMATIC (PSI) (NEUMATICA)			80 80

CHEMICAL COMPOSITION (%)

ITEM (PARTS)	HEAT No. (CODADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	Cb	TENS (KPSI CVN@)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN AVG
BONNET	WH19893	ASTM A-216/WCB	0.192	0.920	0.033	0.028	0.458	0.037	0.067	0.016	0.005	0.004	0.004	79.61	48.72	30	46	158
BONNET BOWTIE			Normalized to (Normalized 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
CUERPO			Normalized to (Normalized a) 920 °C															
WEDGE	DI1730	ASTM A-217/CA15	0.120	0.770	0.017	0.024	0.890	0.540	12.640	0.014	0.048	0.002	0.002	98.60	70.91	24	49	271
DISCO			Normalized a (Normalized to) 970 °C															
			Temple a (Temper to) 630 °C															
			Enfriado en aire; (Enfriado en aire: (C))															

MECHANICAL TESTS (PROP. MECANICAS)

CERTIFICADO POR: ASSEGURAMIENTO DE CALIDAD CERTIFIED BY: QUALITY ASSURANCE


 Sandra Ruiz