



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 V08C11019
 (Fecha) Date 05/02/2008

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

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 SIMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAL)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUIMICA (%)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	NI	Cr	Mo	Cu	V	Cb	TENS KPSI CVN/g	YIELD KPSI 1ST	ELG %	RED %	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		79.61	48.72	30	46	158
BONNET	WH19893	ASTM A-216/WCB	Normalized to (Normalized a) 920 °C															
BODY	WH19891	ASTM A-216/WCB	0.206	0.880	0.029	0.023	0.478	0.040	0.061	0.024	0.018	0.004		74.39	42.92	34	53	160
BODY	WH19891	ASTM A-216/WCB	Normalized to (Normalized a) 920 °C															
WEDGE	D3623	ASTM A-217/CA15	0.130	0.790	0.029	0.012	0.960	0.840	12.510	0.025	0.025	0.001		99.47	70.04	25	47	274
WEDGE	D3623	ASTM A-217/CA15	Normalized a (Normalized to) 970 °C															
DISCO			Temple a (Temper to) 630 °C															
DISCO			Enfriado en aire (Enfriado en aire- (C)															

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Sandra Ruiz