



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

(Numero) Number V08C13796
 (Fecha) Date 28/03/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)
 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 LAST EDITION:
 (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 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. **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 (SEAT)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A N A
PNEUMATIC (PSI) (NEUMATICA)			80 80

CHEMICAL COMPOSITION (%)

ITEM (PARTES)	HEAT No (COLADA)	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	WHZ5989	ASTM A-216/WCB	0.195	0.920	0.029	0.017	0.494	0.016	0.046	0.005	0.005	0.001	0.001	74.53	45.10	26	50	156	
BONNET	WHZ5989	ASTM A-216/WCB	Normalized to (Normalized a) 930 °C				Temper to (Temper a) 650 °C												
BODY	WHZ6852	ASTM A-216/WCB	0.207	0.960	0.024	0.019	0.456	0.060	0.087	0.034	0.090	0.001	0.001	75.11	43.94	26	49	154	
CUERPO			Normalized to (Normalized a) 930 °C				Temper to (Temper a) 650 °C												
WEDGE	DD020	ASTM A-217/CA15	0.100	0.830	0.024	0.015	0.920	0.160	12.970	0.025	0.025	0.003	0.003	100.34	68.73	25	47	268	
DISCO			Normalized a (Normalized to) 970 °C				Temple a (Temper to) 630 °C												

COMPOSICION QUIMICA (%)

MECHANICAL TESTS (PROP. MECANICAS)

CERTIFICADO POR ASEGURAMIENTO DE CALIDAD

CERTIFIED BY : Sandra Ruiz

QUALITY ASSURANCE