



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 V08C14452
 (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 PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICIÓN.)

- API 598 - VALVE INSPECTION AND TESTING
- API 599 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- ANSI B16-10 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- ANSI B16-34 - VALVES - FLANGED, THREADED AND WELDING ENDS
- MSS-SP61 - PRESSURE TESTING OF STEEL VALVES
- API 6D - PIPELINE VALVES - GATE, PLUG, BALL, ANF CHECK
- API 600 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
- ANSI B16-11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. AC011A08MAB
 (Código)
2" Fig. 5202 F UT WCB, API TRIM No.8 830000K
 Descripción
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
PNEUMATIC (PSI) (NEUMATICA)			80

MECHANICAL TESTS (PROF. MECANICAS)

TENS	YIELD	ELG	RED	BHN
KPSI CYN/g	KPSI 1ST	% 2ND	% 3RD	AVG
70.47	46.54	28	58	152
76.56	46.25	28	47	162
97.30	71.05	28	44	274

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUIMICA (%)										
C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb
0.210	0.860	0.026	0.015	0.479	0.034	0.037	0.018	0.005	0.001	
Normalized to (Normalizado a) 920 °C										
0.194	0.914	0.023	0.019	0.470	0.007	0.004	0.014	0.037	0.003	
Normalized to (Normalizado a) 920 °C										
0.120	0.750	0.016	0.014	0.900	0.360	12.490	0.036	0.051	0.001	
Normalized a (Normalizado to) 970 °C										
Temple a (Temper to) 630 °C										
Enfriado en aire.(Enfriado en aire. (C)										

Sandra Ruiz

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
 CERTIFIED BY: QUALITY ASSURANCE