

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

(Numero) Number V082C2844
 (Fecha) Date 28/01/2009

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)

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

Part No. **AC101A08MAB830000M**

(Codigo) **10" Fig. 5202 F UT WCB, API TRIM No.8 830000M**

Description **CAST STEEL GATE VALVE 150 PSI (VALVULA COMPUERTA DE ACERO FUNDIDO 150 PSI)**

VALVE WITH LOW EMISSION CONTROL (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)


TEST	VALUE	TEST	VALUE	TEST	VALUE
PRESSURE TEST (PRUEBAS DE PRESION)		SHELL (CASCO)	450	BACK (SEAT)	450
HYDROSTATIC (PSI)	450				
PNEUMATIC (PSI)	80				

MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PART)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI CVN@)	YIELD (KPSI 1ST)	ELG (%) 2ND	RED (%) 3RD	BHN AVG
BODY	WH27335	ASTM A-216/WCB	0.199	0.902	0.036	0.020	0.417	0.017	0.050	0.007	0.018	0.003	73.37	48.14	32	49	154	
CUERPO	WH29140	ASTM A-216/WCB	0.191	0.940	0.022	0.020	0.457	0.021	0.031	0.001	0.032	0.002	74.38	45.96	30	53	156	
BONNET BONETE	WH29281	ASTM A-216/WCB	0.199	0.890	0.030	0.018	0.417	0.024	0.040	0.010	0.043	0.001	73.37	44.08	26	44	158	
WEDGE DISCO			Normalized to (Normalizado a) 920 °C															
			Normalized to (Normalizado a) 920 °C															
			Temper to (Temple a) 650 °C															
			Temper to (Temple a) 650 °C															
			Cooled in air:(Cooled in air. (Enfr)															
			Cooled in air:(Cooled in air. (Enfr)															

FACIO-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: 
JESSICA GARCIA

QUALITY ASSURANCE