



Industrial de Valvulas, S.A de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepic/Jalisco, Estado de Mexico C.P. 34600

(Numero) Number
 (Fecha) Date

V072C1941
 23/01/2009

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 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 AND 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. **AC081A08MAC830000M**

(Codigo) **8" 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)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
			1 2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315 315
PNEUMATIC (PSI) (NEUMATICA)			80 80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICION QUIMICA (%)

ITEM (PARTE)	HEAT No. (CODIGO)	MATERIAL (ASTM)	C	Min	P	S	SI	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI CVN%)	YIELD (KPSI 1ST)	ELC (2ND)	RED (% 3RD)	BHN (AVG)	
BODY	WHZ2411	ASTM A-216/WCB	0.209	0.965	0.023	0.013	0.533	0.050	0.001	0.035	0.040	0.020		74.82	44.37	26	48	155	
CUERPO	WHZ1286	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C							82.07	49.59	29	50	153	
BONNET	WHZ434	ASTM A-216/WCB	0.196	0.865	0.029	0.011	0.450	0.045	0.074	0.023	0.019	0.004		81.05	50.89	30	57	157	
BONETE	WHZ434	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C												
WEDGE	WHZ434	ASTM A-216/WCB	0.214	0.980	0.024	0.014	0.435	0.057	0.073	0.025	0.048	0.006							
DISCO			Normalized to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C												

FACTO-21 REV. 3*

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
 CERTIFIED BY: QUALITY ASSURANCE

JESSICA GARCIA