



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

(Numero) Number
 (Fecha) Date

V07C45206
 03/10/2008

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:
 ESTANDARES ULTIMA EDICIÓN)

- 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 AND 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. **AC081A09MAA**

(Codigo) **8" Fig. 5202 F A WCB, API TRIM No. 9 8300000**

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)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315	315
PNEUMATIC (PSI) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

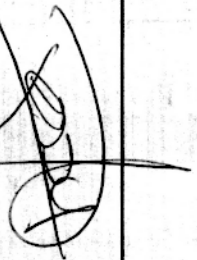
CHEMICAL COMPOSITION (%) COMPOSICIÓN QUÍMICA (%)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CMMG	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET	WH13495	ASTM A-216/WCB	0.201	0.902	0.024	0.013	0.513	0.020	0.040	0.010	0.030	0.001		73.51	46.11	27	50	163
BONNET			Normalized to (Normalizado a) 930 °C															
BONNET			Temper to (Temple a) 650 °C															
BODY	XS536	ASTM A-216/WCB	0.180	0.770	0.026	0.026	0.330	0.070	0.090	0.010	0.000	0.000		73.51	45.53	26	43	164
BODY			Normalized to (Normalizado a) 920 °C															
BODY			Cooled in air:(Cooled in air: (Enfr)															
WEDGE	3713A202	ASTM A-216/WCB	0.250	0.740	0.021	0.024	0.510	0.140	0.170	0.070	0.122	0.004		81.42	50.54	24	45	163
WEDGE			Normalized to (Normalizado a) 930 °C															
WEDGE			Temper to (Temple a) 650 °C															
DISCO			Cooled in air:(Cooled in air: (Enfr)															

FACT0-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: QUALITY ASSURANCE


JESSICA GARCIA