



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 V07C23424
 (Fecha) Date 05/06/2008

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 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 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. **AC081A08MAA**
 (Codigo) **8" Fig. 5202 F UT WCB, API TRIM No.8 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 (PSID) (HIDROSTATICA)	450	450	315	315
PNEUMATIC (PSI) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUÍMICA (%)															
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	MECHANICAL TESTS (PROP. MECANICAS)				
														TENS	YIELD	ELG	RED	BHN
														KPSI CVN50	KPSI 1ST	% 2ND	% 3RD	AVG
BONNET BONETE	WH23850	ASTM A-216/WCB	0.214	0.949	0.029	0.019	0.428	0.005	0.053	0.006	0.016	0.001		84.82	55.10	32	57	178
BODY CUERPO	WH25577	ASTM A-216/WCB	Normalized to 0.205	0.909	0.033	0.017	Temper to 0.456	0.019	0.043	0.007	0.010	0.005		74.96	44.22	26	50	152
WEDGE DISCO	WH81808	ASTM A-217/CA15	Normalized to 0.115	0.707	0.023	0.009	Temper to 0.434	0.073	12.960	0.021	0.010	0.018		97.58	69.89	24	43	293
			Normalized a (Normalized to) 955 °C											Temple a (Temple to) 630 °C				
			Enfriado en aire (Enfriado en aire. (C)															

FACI0-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE


 Sandra Ruiz