



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 V07C29553
 (Fecha) Date 03/09/2008

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 EDICION.)

- | | | | |
|-------------|---|--------------|---|
| API 598 | - VALVE INSPECTION AND TESTING | API 6D | - PIPELINE VALVES - GATE, PLUG, BALL ANF 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 B16-111 | - 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. 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 PPMs MAX)

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

CHEMICAL COMPOSITION (%)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI) (CNS/6)	YIELD (KPSI) (ST)	ELG (%) (2ND)	RED (%) (3RD)	BHN (AVG)
BONNET	WH26715	ASTM A-216/WCB	0.194	0.953	0.023	0.014	0.489	0.010	0.031	0.005	0.006	0.001		76.42	44.08	24	48	162
BONNET BONEITE			Normalized to (Normalized a) 930 °C															
BODY	WH24072	ASTM A-216/WCB	0.192	0.985	0.025	0.013	0.391	0.006	0.005	0.028	0.031	0.001		80.62	46.98	29	58	155
BODY CUERPO			Normalized to (Normalized a) 930 °C															
WEDGE	WH81432	ASTM A-217/CA15	0.123	0.797	0.026	0.005	0.814	0.089	13.600	0.014	0.025	0.003		99.47	71.78	28	45	300
WEDGE DISCO			Normalized to (Normalized to) 970 °C															
			Temple a (Temper to) 630 °C															

COMPOSICIÓN QUIMICA (%)

MECHANICAL TESTS (PROP. MECANICAS)


JESSICA GARCIA