



WALWORTH
Since 1842

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. 54600

(Numero) Number V07C8162
(Fecha) Date 25/10/2007

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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:
(CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES.)

- API 508 - 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 602 - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- ANSI B16-11 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
- API 602 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- ANSI B16-11 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. AC081A09MAA (Codigo)

Description 8" Fig. 5202 F A WCB, API TRIM No. 9 8300000

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

MECHANICAL TESTS (PROB. MECANICAS)

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUÍMICA (%)					TENS	YIELD	ELG	RED	BHN
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ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	KPSI CVM@	KPSI 1ST	% 2ND	% 3RD	AVG
BONNET	WH21084	ASTM A-216/WCB	0.194	0.980	0.026	0.013	0.433	0.044	0.030	0.030	0.019	0.006		74.24	44.95	34	49	151
BONNET	WH18473	ASTM A-216/WCB	0.209	0.910	0.031	0.017	0.415	0.010	0.019	0.005	0.021	0.001		78.45	46.11	28	48	153
WEDGE DISCO	WH6824	ASTM A-216/WCB	0.196	0.897	0.015	0.018	0.515	0.010	0.030	0.030	0.030	0.001	0.000	74.82	47.70	24	46	168

FACI0-21 REV "2"

CERTIFICADO POR: ASSEGURAMIENTO DE CALIDAD

CERTIFIED BY: Sandra Ruiz

QUALITY ASSURANCE