



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 V07C8969
(Fecha) Date 09/11/2007

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.)

- 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. **AC081A12MAB**

Description **8" Fig. 5202 F 3HF WCB, API TRIM No.12 790000M**

(VALVULA COMPUERTA DE ACERO FUNDIDO)
MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMENT *TS AND LOW FLUCTIVE EMISSIONS CONTROL
(VALVULA SERVICIO NACE MR-01-75 *Y CONTROL DE EMISIONES FUGITIVAS 50 PPM'S)

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

CHEMICAL COMPOSITION (%)

ITEM (PARTES)	HEAT No. (COLADAS)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)															
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KPSI CVN@)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)
BONNET	WH22417	ASTM A-216/WCB	0.219	0.869	0.033	0.027	0.496	0.027	0.041	0.008	0.052	0.002		79.61	46.40	33	58	155
BONNET	WH22032	ASTM A-216/WCB	0.192	0.902	0.022	0.013	0.439	0.033	0.045	0.040	0.045	0.004		75.26	44.23	24	47	152
WEDGE DISCO	WH21425	ASTM A-216/WCB	0.199	0.912	0.031	0.017	0.435	0.047	0.053	0.026	0.019	0.004		74.97	47.85	32	54	150

MECHANICAL TESTS (PROP. MECANICAS)

FACI0-21 REV "2"

CERTIFICADO POR: ASSEGURAMIENTO DE CALIDAD

CERTIFIED BY:

QUALITY ASSURANCE