



WALWORTH
Since 1842

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

(Numero) Number
(Fecha) Date

V07C33304
26/10/2007

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 PRABADO 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. **AC061A12MAB**

Description **6" Fig. 5202 F 3HF WCB, API TRIM No.12 790000M**

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

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)															
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KPSI C/IN@)	YIELD (KPSI 1ST)	ELG (%) 2ND	RED (%) 3RD	BHN AVG
BONNET	WH23200	ASTM A-216/WCB	0.193	0.851	0.023	0.022	0.454	0.016	0.037	0.034	0.020	0.002		74.53	44.66	28	47	162
BONETE			Normalized to (Normalizado a) 930 °C															
BODY	WH19950	ASTM A-216/WCB	0.205	0.935	0.026	0.019	0.464	0.043	0.098	0.019	0.022	0.003		82.80	53.22	34	49	152
CUERPO			Normalized to (Normalizado a) 930 °C															
WEDGE	D4841	ASTM A-216/WCB	0.220	0.880	0.019	0.016	0.410	0.029	0.085	0.014	0.035	0.001		76.27	46.54	25	48	171
DISCO			Normalized to (Normalizado a) 930 °C															

MECHANICAL TESTS (PROP. MECANICAS)

FACIO-21 REV "2"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE

Sandra Ruiz