



WALWORTH
Since 1842

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

(Numero) Number
(Fecha) Date

V07C9125
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 PRUBADO 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

- API 6D
- API 600
- ANSI B16-11
- API 602
- 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. AC101A12MAA

Description 10" Fig. 5202 F 3HF WCB, API TRIM No.12 7900000

CAST STEEL GATE VALVE
(VALVULA COMPUERTA DE ACERO FUNDIDO)
MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMENTS AND LOW FUGITIVE EMISSIONS CONTROL.
(VALVULA SERVICIO NACE MR-01-75 **Y CONTROL DE EMISIONES FUGITIVAS 50 PPMVS)

TEST TYPE	VALUE	REQUIREMENT	STATUS
PRESSURE TEST (PRUEBAS DE PRESION)	450	450	315
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315
PNEUMATIC (PSI) (NEUMATICA)	80	80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTS)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W
BONNET	WH17219	ASTM A-216/WCB	0.198	0.920	0.027	0.017	0.490	0.057	0.122	0.024	0.013	0.005	
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BONNET	WH17219	ASTM A-216/WCB	0.198	0.920	0.027	0.017	0.490	0.057	0.122	0.024	0.013	0.005	
BODY	WH23986	ASTM A-216/WCB	0.184	0.990	0.033	0.021	0.528	0.016	0.025	0.027	0.083	0.004	
CUERPO	WH23986	ASTM A-216/WCB	0.184	0.990	0.033	0.021	0.528	0.016	0.025	0.027	0.083	0.004	
WEDGE	27810	ASTM A-216/WCB	0.230	0.870	0.020	0.017	0.580	0.070	0.100	0.009	0.000	0.000	
DISCO	27810	ASTM A-216/WCB	0.230	0.870	0.020	0.017	0.580	0.070	0.100	0.009	0.000	0.000	

COMPOSICIÓN QUÍMICA (%)

MECHANICAL TESTS (PROP. MECANICAS)

TENS	YIELD	ELG	RED	BHN
KPSI	KPSI	%	%	AVG
CVN(6)	1ST	2ND	3RD	
74.82	47.99	35	53	153
76.85	47.27	35	53	155
82.11	42.03	28	46	170

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE

Sandra Ruiz