



WALWORTH[®]

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Industrial de Valvulas, S.A de C.V.
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Tepic, Jalisco, Estado de Mexico C.P. 54600

(Numero) Number
(Fecha) Date

V07C8437
28/09/2007

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)

- API 598 - 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 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- API 600 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
- ANSI B16-11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. **ACT101A12MAB**

(Codigo)

Description **10" Fig. 5202 F 3Hf WCB, API TRIM No.12 790000M**

Descripción

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

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUÍMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W
BONNET BONETE	WH19257	ASTM A-216/WCB	0.217	0.871	0.037	0.033	0.426	0.047	0.048	0.005	0.005	0.001	
BODY CUERPO	WH21854	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C 0.190	0.907	0.027	0.014	Temper to (Temple a) 650 °C 0.410	0.045	0.071	0.022	0.014	0.005	
WEDGE DISCO	WH20265	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C 0.211	0.969	0.030	0.019	Temper to (Temple a) 650 °C 0.510	0.048	0.048	0.020	0.020	0.002	

MECHANICAL TESTS (PROP. MECANICAS)

PRESSURE TEST (PRUEBAS DE PRESION) (HIDROSTATICA) (PNEUMATIC (PSI) (NEUMATICA)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
	450	450	1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315	315
PNEUMATIC (PSI) (NEUMATICA)			80	80

TENS YIELD ELG RED BHN

KPSI (CASCO)	KPSI (SEAT)	% (LADO)	% (LADO)	AVG
1ST	2ND	3RD	4TH	
79.17	45.82	35	58	155
77.14	41.62	36	52	157
72.50	46.98	31	59	158

FACTIO-21 REV "2"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE