



WALWORTH®
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Industrial de Valvulas, S.A de C.V.
Av. de La Industria Lote 16 Fracc. Industrial El Trebol
Tepozotlan, Estado de México C.P. 54600

(Numero) Number
(Fecha) Date
V08C15835
29/04/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)

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 LAST EDITION:

(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 ULTIMA EDICION)

- API 598
- API 599
- ANSI B16-10
- ANSI B16-34
- MSS-SP61

- 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. **AC011A12MAA**

(Código) **2" Fig. 5202 F 3HF WCB, API TRIM No.12 8300000**

Description **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 (SEAT)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A
PNEUMATIC (PSI) (NEUMATICA)			80

MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										COMPOSICIÓN QUIMICA (%)				MECHANICAL TESTS (PROP. MECANICAS)		
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS	YIELD	ELG	RED	BHN	
BONNET	WH15470	ASTM A-216/WCB	0.195	0.924	0.033	0.014	0.435	0.020	0.062	0.047	0.007	0.003	75.40	49.01	28	55	157		
BONETE			Normalized to (Normalizado a) 920 °C																
BODY	WH13236	ASTM A-216/WCB	0.209	0.890	0.022	0.016	0.465	0.040	0.060	0.020	0.040	0.001	75.54	44.95	28	48	163		
CUERPO			Temper to (Temple a) 650 °C																
WEDGE	WH12672	ASTM A-216/WCB	0.197	0.868	0.033	0.010	0.449	0.049	0.053	0.026	0.030	0.011	74.82	44.95	25	49	158		
DISCO			Cooled in air.(Cooled in air. (Enfr)																

Sandra Ruiz

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE