



WALWORTH

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 V07C7574
(Fecha) Date 23/01/2009

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:
ESTANDARES ULTIMA EDICION)

- API 598
- API 599
- ANSI B16-10
- ANSI B16-34
- MSS-SF61
- 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 AND 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. AC121A12MAA8300000

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

Description CAST STEEL GATE VALVE 150 PSI
(VALVULA COMPUERTA DE ACERO FUNDIDO 150 PSI)

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	315 315
PNEUMATIC (PSI) (PNEUMATICA)			80 80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)	COMPOSICION QUIMICA (%)	TENS KPSI CMM/6	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
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ITEM (PARTE) (CODIBA)	HEAT No. (CORADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CMM/6	YIELD KPSI 1ST	ELG %	RED %	BHN AVG	
BODY	WH63756	ASTM A-216/WCB	0.213	0.980	0.025	0.016	0.529	0.042	0.059	0.020	0.015	0.005		81.20	52.06	32	49	154	
CUERPO	WH21909	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C	0.192	0.025	0.016	0.490	0.043	0.115	0.031	0.019	0.006		78.44	41.90	34	61	153	
BONNET	WH12128	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C	0.189	0.883	0.018	0.016	0.485	0.024	0.005	0.046	0.019	0.001	75.11	43.93	25	47	152	
WEDGE																			
DISCO																			

FACI-0-21 REV. 3*

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
CERTIFIED BY: QUALITY ASSURANCE

JESSICA GARCIA