



WALWORTH
Since 1842

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

(Numero) Number
(Fecha) Date

V07C28340
27/09/2007

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 ANF 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. AC041A09MAA
(Codigo)
4" Fig. 5202 F A WCB, API TRIM No. 9 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 PRESSION)	SHELL (CASCO)	BACK (SEAT)	SIDE 1	(LADO) 2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	COMPOSICIÓN QUIMICA (%)
BONNET	WH20910	ASTM A-216/WCB	0.203	0.925	0.019	0.016	0.514	0.047	0.044	0.021	0.018	0.005		TENS
BONNET	WH20910	ASTM A-216/WCB	0.203	0.925	0.019	0.016	0.514	0.047	0.044	0.021	0.018	0.005		YIELD
BODY	WH20507	ASTM A-216/WCB	0.206	0.886	0.026	0.020	0.497	0.045	0.038	0.020	0.018	0.003		ELG
BODY	WH20507	ASTM A-216/WCB	0.206	0.886	0.026	0.020	0.497	0.045	0.038	0.020	0.018	0.003		RED
CUERPO	D0396	ASTM A-216/WCB	0.180	0.820	0.017	0.020	0.440	0.018	0.094	0.026	0.037	0.001		BHN
CUERPO	D0396	ASTM A-216/WCB	0.180	0.820	0.017	0.020	0.440	0.018	0.094	0.026	0.037	0.001		
DISCO														

MECHANICAL TESTS (PROP. MECANICAS)

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE

[Signature]
Sandra Ruiz