WALWORTH® Since 1842

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

(Numero) Number V08C11360
(Fecha) Date 06/02/2008

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 PROBADO 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 6D	- PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING	API 600	- STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

Part No. (Código) **AC041A08MAB**

Description Descripción **4" Fig. 5202 F UT WCB, API TRIM No.8 830000K**

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) 1	SIDE (LADO) 2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
BONNET BONETE	WH25907	ASTM A-216/WCB	0.203	0.915	0.031	0.021	0.456	0.033	0.056	0.005	0.005	0.001		75.54	43.79	26	51	154
			Normalizated to (Normalizado a) 920 °C				Temper to (Temple a) 650 °C				Cooled in air.(Cooled in air. (Enfr)							
BODY CUERPO	WH25753	ASTM A-216/WCB	0.215	0.968	0.030	0.014	0.533	0.006	0.058	0.010	0.028	0.006		75.54	44.66	24	44	155
			Normalizated to (Normalizado a) 920 °C				Temper to (Temple a) 650 °C				Cooled in air.(Cooled in air. (Enfr)							
WEDGE DISCO	D9652	ASTM A-217/CA15	0.130	0.750	0.017	0.016	0.720	0.340	12.500	0.320	0.000	0.000		98.16	76.70	24	39	264
											Enfriado en aire.(Enfriado en aire. (C)							

FAC10-21 REV "2"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY :
QUALITY ASSURANCE

Sandra Ruiz