



WALWORTH
Since 1842

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

(Numero) Number
(Fecha) Date

V07C37864
10/12/2007

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
- 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. **AC011A08MAB**

Description (Codigo) **2" 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)

TEST	VALUE	REMARKS
PRESSURE TEST (PRUEBAS DE PRESION)		
HYDROSTATIC (PSID) (HIDROSTATICA)	450	
PNEUMATIC (PSD) (NEUMATICA)	80	

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	W
BONNET	WH24560	ASTM A-216/WCB	0.181	0.856	0.028	0.011	0.462	0.030	0.030	0.006	0.036	0.003	
BONETE			Normalized to (Normalizado a) 930 °C										
BODY	WH22086	ASTM A-216/WCB	0.192	0.920	0.021	0.020	0.401	0.022	0.046	0.020	0.035	0.004	
CUERPO			Normalized to (Normalizado a) 930 °C										
WEDGE	D4803	ASTM A-217/CA15	0.090	0.800	0.032	0.016	0.830	0.060	12.350	0.022	0.015	0.002	
DISCO			Normalized to (Normalizado to) 970 °C										

COMPOSICIÓN QUIMICA (%)

TENS	YIELD	ELG	RED	BHN
KPSI	KPSI	%	%	AVG
CVN(6)	1ST	2ND	3RD	
76.56	44.08	30	60	152
72.36	44.95	26	50	154
97.44	72.50	25	44	274

MECHANICAL TESTS (PROP. MECANICAS)

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE