



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

V07C24929
28/09/2007

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 PROBADO 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. **AC032A08MAA**

(Codigo) **3" Fig. 5206 F UT WCB, API TRIM No.8 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)
			1 2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	N/A N/A
PNEUMATIC (PSI) (NEUMATICA)			80 80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (CODADO)	MATERIAL (ASTM)	COMPOSICIÓN QUÍMICA (%)														
C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVM@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG		
BONNET	WH16071	ASTM A-216/WCB	0.207	0.881	0.028	0.015	0.468	0.044	0.039	0.018	0.013	0.004	83.95	45.24	34	54	161
BONNET	WH16071	ASTM A-216/WCB	Normalized to (Normalized to) 930 °C														
BODY	WH16702	ASTM A-216/WCB	0.194	0.900	0.022	0.012	0.551	0.052	0.074	0.022	0.047	0.006	73.08	41.47	37	58	150
BODY	WH16702	ASTM A-216/WCB	Normalized to (Normalized to) 920 °C														
WEDGE	WH81093	ASTM A-217/CA15	0.125	0.574	0.031	0.014	0.648	0.087	12.790	0.028	0.010	0.001	91.93	71.05	25	48	287
WEDGE	WH81093	ASTM A-217/CA15	Normalized to (Normalized to) 970 °C														
DISCO			Temple a (Temper to) 630 °C														
DISCO			Enfriado en aire (Enfriado en aire) (C)														

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE

Sandra Ruiz