



WALWORTH
Since 1842

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 **V07C29800**
(Fecha) Date **03/09/2008**

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO
(ACCORDING TO EN10204 TYPE 3.1)

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 EDICIÓN:

- 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 AND 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. **AC081A08MAA**

(Codigo) **8" Fig. 5202 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 (SEAL)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315	315
PNEUMATIC (PSI) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUÍMICA (%)														
C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN%	YIELD KPSI 1ST	ELG %	RED %	BHN AVG		
BONNET	WH18753	ASTM A-216 WCB	0.209	0.960	0.024	0.015	0.441	0.050	0.007	0.017	0.046	0.003	74.24	47.27	32	49	153
BONNET	WH18753	ASTM A-216 WCB	Normalized to (Normalized at 930 °C)														
BODY	WH25640	ASTM A-216 WCB	0.212	0.948	0.030	0.020	0.435	0.014	0.048	0.007	0.005	0.004	75.98	46.11	29	51	155
BODY	WH25640	ASTM A-216 WCB	Normalized to (Normalized at 930 °C)														
CUERPO	WH1808	ASTM A-217 CA15	0.115	0.707	0.023	0.009	0.434	0.073	12.960	0.021	0.010	0.018	97.58	69.89	24	43	293
WEDGE	WH1808	ASTM A-217 CA15	Normalized to (Normalized at 955 °C)														
DISCO			Temple a (Temper to) 630 °C														
			Enfriado en aire (Enfriado en aire: (C)														

MECHANICAL TESTS (PROP. MECANICAS)

FACIO-21 REV "3"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE

JESSICA GARCIA