



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. 34600

(Numero) Number
(Fecha) Date

V07C27489
02/10/2007

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 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. **AC042A08MAA**

(Codigo) **4" 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)
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	N A N A
PNEUMATIC (PSI) (PNEUMATICA)			80 80

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUÍMICA (%)

MECHANICAL TESTS

(PROP. MECANICAS)

ITEM (PART)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CNS/Id	YIELD KPSI 1ST	ELG %	RED %	BHN AVG	
BONNET	WH20551	ASTM A-216/WCB	0.201	0.987	0.027	0.010	0.471	0.042	0.040	0.019	0.021	0.002		83.08	51.76	30	49	160	
BONNET	WH20551	ASTM A-216/WCB	Normalizado a (Normalizado a) 930 °C																
BODY	WH20990	ASTM A-216/WCB	0.206	0.900	0.033	0.023	0.490	0.048	0.069	0.018	0.022	0.007		82.51	50.90	30	49	151	
BODY	WH20990	ASTM A-216/WCB	Normalizado to (Normalizado a) 930 °C																
WEDGE	D5384	ASTM A-217/CA15	0.100	0.820	0.034	0.016	0.860	0.530	12.130	0.012	0.038	0.002		99.76	69.75	26	46	270	
WEDGE	D5384	ASTM A-217/CA15	Normalizado a (Normalizado to) 970 °C																
DISCO			Temple a (Temple a) 650 °C																
			Temple a (Temple a) 650 °C																
			Enfriado en aire; (Enfriado en aire; (C)																
			Enfriado en aire; (Enfriado en aire; (C)																

FACIO-21 REV "2"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE