



**WALWORTH**  
Since 1842

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

(Numero) Number V07C32038  
(Fecha) Date 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 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 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 ANF 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. AC061A08MAA

Description 6" Fig. 5202 F UT WCB, API TRIM No.8 8300000

(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)	450	450	N A N A
PNEUMATIC (PSI) (NEUMATICA)			80 80

## CHEMICAL COMPOSITION (%)

## COMPOSICIÓN QUIMICA (%)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KPSI CVN@)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)	
BONNET	WH14415	ASTM A-216/WCB	0.192	0.857	0.024	0.023	0.464	0.039	0.044	0.024	0.028	0.003		77.72	45.67	34	57	161	
BONNET BONELE	WH14415	ASTM A-216/WCB	Normalizado to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C												
BODY	WH17971	ASTM A-216/WCB	0.198	0.914	0.023	0.017	0.459	0.020	0.020	0.010	0.030	0.001	0.000	75.83	46.69	28	43	167	
BODY CUERPO	WH17971	ASTM A-216/WCB	0.117	0.693	0.025	0.014	0.648	0.105	13.278	0.016	0.031	0.001		101.06	70.03	24	41	287	
WEDGE DISCO	WH81636	ASTM A-217/CA15	Normalizado a (Normalizado to) 970 °C				Temple a (Temple to) 630 °C												

## MECHANICAL TESTS (PROP. MECANICAS)

FACIO:21 REV "2"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: SAADRA RUIZ

QUALITY ASSURANCE