



# WALWORTH®

Industrial de Válvulas, S.A. de C.V.  
Av. de la Industria Lote 16 Fracc. Industrial el Trébol  
Tepotzotlán, Estado de México C.P. 54600

(NUMERO) NUMBER:

V05C4513  
09/03/2005

(FECHA) DATE:

## 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 STANDARS:

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 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- API 600 - STEEL GATE VALVES - FLANGED AND BUT-WELDING ENDS
- API 598 - VALVE INSPECTION AND TESTING
- API 599 - METAL PLUG VALVES - FLANGED AND WELDING ENDS
- 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

PART. No.: 01096M  
(CODIGO)

DESCRIPTION: 4" FIG. 5202 F UT MCB, API TRIM No.8  
(DESCRIPCION) 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 TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

### MECHANICAL TESTS (PROP. MECANICAS)

### CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)											MECHANICAL TESTS (PROP. MECANICAS)									
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG					
BODY (CUERPO)	MN3662	A 216 WCB	0.200	0.910	0.026	0.022	0.507	0.050	0.060	0.010	0.030	0.001							75.98	47.12	25.0	46.0	167
BONNET COVER (BONETE TAPA)	MN1805	A 216 WCB	0.190	0.865	0.023	0.017	0.493	0.040	0.030	0.060	0.020	0.003							75.54	43.06	24.0	45.0	164
WEDGE DISK PLUG (DISCO)	Z0047	217 CA15	0.140	0.860	0.022	0.016	0.750	0.450	12.520	0.320	0.000	0.000							97.15	75.40	25.0	32.0	260

CERTIFIED BY: \_\_\_\_\_  
QUALITY ASSURANCE  
CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD