



**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  
(Fecha) Date

**V08C22697**  
**03/09/2008**

# QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)  
**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 LAST EDITION:  
(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 ULTIMA EDICION.)

- 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

- 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. **AC031A08MAA8300000**

(Codigo) **3" Fig. 5202 F UT WCB, API TRIM No.8 83000000**

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)

<b>PRESSURE TEST</b> (PRUEBAS DE PRESION)	<b>SHELL</b> (CASCO)	<b>BACK</b> (SEAT)	<b>SIDE</b> (LADO)
<b>HYDROSTATIC (PSI)</b> (HIDROSTATICA)	450	450	N A N A
<b>PNEUMATIC (PSI)</b> (NEUMATICA)			80 80

## MECHANICAL TESTS (PROP. MECANICAS)

## CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUÍMICA (%)											TENS					YIELD					ELC					RED					BHN				
C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI C/INCH	KPSI 1ST	% 2ND	% 3RD	AVG	KPSI C/INCH	KPSI 1ST	% 2ND	% 3RD	AVG	KPSI C/INCH	KPSI 1ST	% 2ND	% 3RD	AVG	KPSI C/INCH	KPSI 1ST	% 2ND	% 3RD	AVG								
<b>BONNET</b>	WH25700	ASTM A-216/WCB	0.201	0.920	0.021	0.020	0.418	0.024	0.035	0.009	0.042	0.006	78.01	42.63	26	47	169	74.24	42.92	33	52	152	102.81	70.18	21	43	300											
<b>BONNET</b>	WH17167	ASTM A-216/WCB	0.219	0.965	0.021	0.011	0.462	0.044	0.068	0.019	0.005	0.001	74.24	42.92	33	52	152	102.81	70.18	21	43	300																
<b>WEDGE DISCO</b>	WH81475	ASTM A-217/CA15	0.136	0.649	0.026	0.009	0.510	0.088	13.190	0.017	0.021	0.026	102.81	70.18	21	43	300																					

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: **JESSICA GARCIA**

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