



**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

V08R4158  
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)

- 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. **AR032A08MAA8300000**

(Codigo) **3" Fig. 5344 F UT WCB, API TRIM No.8 8300000**

Description **CAST STEEL SWING CHECK VALVE**

(VALVULA RETENCION TIPO COLUMPIO 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)	1125	N A	815
<b>PNEUMATIC (PSI)</b> (NEUMATICA)			N A

## MECHANICAL TESTS (PROP. MECANICAS)

## CHEMICAL COMPOSITION (%)

## COMPOSICION QUIMICA (%)

## TENS YIELD ELG RED BHN

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Min	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVM#	KPSI 1ST	% 2ND	% 3RD	AVG
<b>BODY</b> CUERPO	XSI26	ASTM A-216/WCB	0.200	0.850	0.024	0.023	0.350	0.061	0.100	0.022				76.27	48.57	24	41	167
<b>WEDGE</b> DISCO	WH81105	ASTM A-217/CA15	Normalized to (Normalizado a) 920 °C	0.136	0.640	0.032	0.021	0.602	0.087	12.810	0.020	0.001		92.51	71.92	26	41	257
<b>COVER</b> TAPA	WH19975	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C	0.196	0.964	0.025	0.016	0.468	0.043	0.052	0.021	0.006		80.76	43.06	32	43	153

FACIO-21 REV 3\*

CERTIFICADO POR:  
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:  
QUALITY ASSURANCE

**JESSICA GARCIA**