



**WALWORTH**  
 Cinto 1842

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

(Numero) Number  
 (Fecha) Date

V10R677  
 19/03/2010

# 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 PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICIÓN.)

- 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 AND 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. **AR081A08MAB830000C**  
 (Código)  
 Description **8" Fig. 5341 F UT WCB, API TRIM No.8 830000C**  
 Descripción **CAST STEEL SWING CHECK VALVE 150 CLASS**  
**(VALVULA RETENCIÓN TIPO COLUMPIO DE ACERO FUNDIDO CLASE 150)**

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)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	N A	315	N A
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

**MECHANICAL TESTS (PROP. MECANICAS)**

**CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)**

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										TENS	YIELD	ELG	RED	BHN
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD
BODY CUERPO	WH66220	ASTMA-216/WCB	0.220	0.990	0.039	0.020	0.452	0.059	0.112	0.010	0.038	0.007	76.27	45.39	30	49	165
COVER TAPA	WH30840	ASTMA-216/WCB	0.192	0.930	0.030	0.013	0.420	0.041	0.046	0.018	0.041	0.001	74.53	45.97	28	53	166
WEDGE DISCO	WH82005	ASTM A-217/CA15	0.086	0.650	0.028	0.008	0.486	0.098	12.600	0.022	0.023	0.026	101.36	71.78	23	39	279

**PLEASA ANAHUAC Y CIA. S.A. DE C.V.**  
**CONTROL DE CALIDAD**  
 FECHA 22 Mar 2010  
ES33  
 FIRMA E. RUIZ

**JESSICA GARCIA**

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD  
 CERTIFIED BY: QUALITY ASSURANCE