



Industrial de Valvulas, S.A. de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepozotlan, Estado de Mexico C.P. 54600
 SInce 1842 Teléfono: (52 55) 5899 1700 Fax: (52 55) 5876 0156
 E-Mail: hifo@walworth.com.mx Web: www.walworthvalves.com

(Numero) Number
 (Fecha) Date

V12ER0627
 20/12/2013

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 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 594 - CHECK VLAVES FLANGED, LUG, WAFER AND BUTT WELDING

- 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. AR101A08MAB830000+
 (Código)
Description 10" Fig. 5341 F UT WCB, API TRIM No.8 830000
 Descripción CAST STEEL SWING CHECK VALVE 150 CLASS
 (VALVULA RETENCIÓN TIPO COLUMPIO DE ACERO FUNDIDO CLASE 150)

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (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 TEST (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG					
BODY CUERPO	WH67750	ASTMA-216/WCB	0.182	0.980	0.027	0.017	0.427	0.059	0.035	0.007	0.033	0.004	Normalized (Normalizado a) 930 °C	Temper to (Temple a) 650 °C	Air Cooled. (Enfriado en aire.)	89.32	60.90	27	47	169			
COVER TAPA	WH67794	ASTMA-216/WCB	0.203	0.950	0.024	0.013	0.540	0.070	0.026	0.005	0.027	0.001	Normalized (Normalizado a) 930 °C	Temper to (Temple a) 650 °C	Air Cooled. (Enfriado en aire.)	83.96	54.96	29	57	163			
WEDGE DISCO	WH42867	ASTMA-216/WCB	0.204	0.885	0.032	0.010	0.435	0.040	0.051	0.006	0.040	0.007	Normalized (Normalizado a) 930 °C	Temper to (Temple a) 650 °C	Air Cooled. (Enfriado en aire.)	80.91	50.90	30	57	172			

FAC10-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE

CERTIFIED BY:
 QUALITY ASSURANCE

Yolanda Ponciano