



Industrial de Valvulas, S.A. de C.V.
 Industria Lote 16 Fracc. Industrial El Trebol de Tepotzotlan
 Tepotzotlan, Estado de Mexico C.P. 54610
 Teléfono: (52 55) 5899 1700 Fax: (52 55) 5876 0156
 E-Mail: info@walworth.com.mx Web: www.walworthvalves.com

(Numero) Number
 (Fecha) Date

V138RW0030
 09/11/2015

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 ÚLTIMA 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 VALVES 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. **MR163EBMAB002243G**
 (Código)
 Description **16" Fig. H6SPR RTJ W3 WCB, API TRIM N/A 002243**
 Descripción **CAST STEEL WAFER CHECK VALVE 600 CLASS**
(VALVULA RETENCIÓN TIPO WAFER DE ACERO FUNDIDO CLASE 600)

VALVE MANUFACTURED TO MEET NACE SERVICE MR-01-75 / ISO 15156
 0

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2225	NA	1630	NA
PNEUMATIC (PSI) (NEUMATICA)			NA	NA

MECHANICAL TEST (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUIMICA (%)

TENS YIELD ELG RED BHN

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI	KPSI	%	%	AVG
														CVN@	1ST	2ND	3RD	
BODY CUERPO	C35026	ASTM A-216 GR WCB Normalized (Normalizado a)	0.204	0.818	0.021	0.021	0.345	0.023	0.081	0.011	0.040	0.001		79.75	38.43	34	46	153
														920 °C Temper to (Temple a) 650 °C Air Cooled. (Enfriado en aire.)				
WEDGE DISCO	7601	ASTM A-351/CF8M (Solubilizado)	0.058	0.860	0.035	0.006	0.460	9.240	18.360	2.050	0.000	0.000		72.21	32.92	47	0	0
														1040 °C Quench in water (Enfriado en agua)				
WEDGE2 DISCO2	7601	ASTM A-351/CF8M (Solubilizado)	0.058	0.860	0.035	0.006	0.460	9.240	18.360	2.050	0.000	0.000		72.21	32.92	47	0	0
														1040 °C Quench in water (Enfriado en agua)				



FAC10-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE

CERTIFIED BY :
 QUALITY ASSURANCE

Volanda Ponceano