



Industrial de Válvulas, S.A. de C.V.  
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(Numero) Number

3504/2015

(Fecha) Date

16/10/2015

## 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 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 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.** BRSB076F08AAB830000C  
 (Código)  
**Description** 3/4" Fig. 5540 SW UT A105N, API TRIM No.8 830000  
 Descripción FORGED STEEL PISTON CHECK VALVE CLASS 800  
 (VALVULA RETENCIÓN TIPO PISTON DE ACERO FORJADO CLASE 800)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2975	N A	2175	N A
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

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

Invoice(Factura) A58335 Item(Partida) 1  
 Qty(Cantidad) 15

#### MECHANICAL TEST (PROP. MECANICAS)

#### CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS	YIELD	ELG	RED	BHN
														KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
BODY CUERPO	CCL	ASTM A-105N Normalized (Normalizado a) 920 °C	0.220	0.750	0.021	0.006	0.270	0.030	0.040	0.028	0.140	0.025		74.68	54.38	32	55	170 170
YOKE YUGO	CAX	ASTM A-105N Normalized (Normalizado a) 920 °C	0.220	0.720	0.022	0.008	0.270	0.050	0.030	0.030	0.030	0.021		79.32	52.92	35	54	170 170

FAC10-21 REV "3"

CERTIFICADO POR:  
ASEGURAMIENTO DE

CERTIFIED BY :  
QUALITY ASSURANCE

Yolanda Ponciano