



WALWORTH

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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@valworth.com.mx Web: www.valworthvalves.com

(Numero) Number

1463/2015

(Fecha) Date

12/05/2015

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. **BCSB156F08AAB830000G**

(Código)

Description **1 1/2" Fig. 950 SW UT A105N, API TRIM No.8 830000**

Descripción

FORGED STEEL GATE VALVE CLASS 800

(VALVULA COMPUERTA DE ACERO FORJADO CLASE 800)

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)	2975	2975	NA	NA
PNEUMATIC (PSI) (NEUMATICA)			80	80

Invoice(Factura) **A54058** Item(Partida) **5**

Qty(Cantidad) **50**

MECHANICAL TEST

(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	AVG
BODY CUERPO	D37	ASTM A-105N Normalized (Normalizado a) 920 °C	0.190	0.760	0.019	0.017	0.250	0.082	0.077	0.063	0.074	0.001	0.008	75.84	40.75	32	39	156
																		156
BODY CUERPO	D35	ASTM A-105N Normalized (Normalizado a) 920 °C	0.180	0.750	0.022	0.020	0.260	0.083	0.082	0.053	0.068	0.001	0.009	76.27	41.33	34	40	158
																		158
BODY CUERPO	D38	ASTM A-105N Normalized (Normalizado a) 920 °C	0.210	0.710	0.022	0.019	0.310	0.057	0.061	0.056	0.073	0.001	0.008	74.82	39.73	28	37	155
																		155
YOKE YUGO	D35	ASTM A-105N Normalized (Normalizado a) 920 °C	0.180	0.750	0.022	0.020	0.260	0.083	0.082	0.053	0.068	0.001	0.009	76.27	41.33	34	40	158
																		158
YOKE YUGO	D37	ASTM A-105N Normalized (Normalizado a) 920 °C	0.190	0.760	0.019	0.017	0.250	0.082	0.077	0.063	0.074	0.001	0.008	75.84	40.75	32	39	156
																		156

FACIO-21 REV *3*

CERTIFICADO POR:
ASEGURAMIENTO DE

CERTIFIED BY :
QUALITY ASSURANCE

Yolanda Ponciano