



Industrial de Valvulas, S.A de C.V.

Av. de La Industria Lote 16 Fracc. Industrial El Trebol
Tepotzotlan, Estado de México C.P. 54600

(Numero) Number
(Fecha) Date

3122/2009
29/10/2009

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. **BRSB076F08AAB830000C**
 (Código)
 Description **3/4" Fig. 5540 SW UT A105, API TRIM No.8 830000C**
 Descripción **FORGED STEEL PISTON CHECK VALVE**
(VALVULA RETENCIÓN TIPO PISTON DE ACERO FORJADO)

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)	2970	N A	2245	N A
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

Invoice(Factura) 22330P Item(Partida) 53
 Qty(Cantidad) 5

MECHANICAL TESTS (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 CVN@	KPSI 1ST	% 2ND	% 3RD	AVG				
BODY CUERPO	CAG	ASTM A-105N	0.220	0.950	0.020	0.022	0.190	0.190	0.120	0.000	0.120	0.035	0.000	89.17	65.25	24	65	165				
BODY CUERPO	CAM	ASTM A-105N	0.190	0.950	0.020	0.022	0.190	0.100	0.120		0.120		0.000	89.17	47.12	26	37	170				
BODY CUERPO	CCH	ASTM A-105N	0.230	0.680	0.019	0.007	0.250	0.100	0.100	0.000	0.220	0.000	0.000	78.30	52.20	27	58	170				
BODY CUERPO	D33	ASTM A-105N	0.195	0.764	0.019	0.022	0.285	0.080	0.060	0.050	0.040	0.001		73.51	39.29	28	34	165				
YOKE YUGO	CCJ	ASTM A-105N	0.220	0.890	0.020	0.007	0.210	0.100	0.100	0.100	0.000	0.000	0.000	79.02	55.10	32	60	170				
YOKE YUGO	CAK	ASTM A-105N	0.200	0.750	0.020	0.008	0.240	0.000	0.000	0.000	0.000	0.007	0.020	70.22	48.57	28	50	170				
YOKE YUGO	CCH	ASTM A-105N	0.230	0.680	0.019	0.007	0.250	0.100	0.100	0.000	0.220	0.000	0.000	78.30	52.20	27	58	170				
YOKE YUGO	D33	ASTM A-105N	0.195	0.764	0.019	0.022	0.285	0.080	0.060	0.050	0.040	0.001		73.51	39.29	28	34	165				

FAC10-21 REV "3"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY :
QUALITY ASSURANCE

JESSICA GARCIA