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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 V05BA11853
(Fecha) Date 01/06/2009

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 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING	API 600	- STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

Part No. (Código) **CB0603B2AABTH0000B**

Description Descripción **6" Fig. 8623 RTJ A105, TH0000B**

STEEL BALL VALVE 600 PSI
(VALVULA ESFERA DE ACERO 600 PSI)

(VALVULA SERVICIO NACE MR0175/ISO 15156 ED 2003
PRUEBA DE FUEGO API 6FA, API 607

)

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

MECHANICAL TESTS (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 KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
BODY CUERPO	053-0649	ASTM A-105N	0.200	0.630	0.017	0.022	0.210	0.027	0.044	0.016	0.024	0.003		79.25	54.86	32	56	172
BALL BOLA	XS040	ASTM A-182/F316L	0.020	1.130	0.040	0.008	0.480	10.240	17.350	2.090				85.63	37.77	40	65	180
END2 EXTREMO2	053-0704	ASTM A-105N	0.230	0.680	0.023	0.019	0.240	0.060	0.110					76.92	49.35	29	36	165
END1 EXTREMO1	053-0704	ASTM A-105N	0.230	0.680	0.023	0.019	0.240	0.060	0.110					76.92	49.35	29	36	165

FAC10-21 REV "3"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY :
QUALITY ASSURANCE

JESSICA GARCIA