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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 V064B1036
(Fecha) Date 29/10/2007

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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:

(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.)

API 598	- VALVE INSPECTION AND TESTING	API 6D	- PIPELINE VALVES - GATE, PLUG, BALL ANF 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) **CB1001A2AAB**

Description Descripción **10" Fig. 8122 F A105, THKK00B**

STEEL BALL VALVE
(VALVULA ESFERA DE ACERO)

MANUFACTURED TO MEET NACE MR-01-75 REQUIREMENTS FIRE TEST API 6FA, API 607. REV 2003
(VALVULA SERVICIO NACE MR-01-75
PRUEBA DE FUEGO API 6FA, API 607)

(VALVULA CON RECUBRIMIENTO EXTERIOR DE PINTURA PARA *AMBIENTE MARINO)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO) 1	SIDE (LADO) 2
HYDROSTATIC (PSI) (HIDROSTATICA)	430		313	313
PNEUMATIC (PSI) (NEUMATICA)			80	80

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	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
BODY CUERPO	054-1285	ASTM A-105N	0.210	0.760	0.024	0.023	0.240	0.037	0.050	0.001	0.040	0.001		74.60	52.25	33	67	165
WEDGE DISCO	B073	ASTM A-105N	0.230	0.760	0.010	0.003	0.210	0.090	0.230	0.003	0.120	0.001		76.20	43.54	32	48	164
END1 EXTREMO1	054-1285	ASTM A-105N	0.210	0.760	0.024	0.023	0.240	0.037	0.050	0.001	0.040	0.001		74.60	52.25	33	67	165

FAC10-21 REV "2"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY :
QUALITY ASSURANCE

Sandra Ruiz