



Industrial de Válvulas, S.A. de C.V.
 Av. de la Industria Lote 16 Fracc. Industrial el Trebol
 Tepotzotlan, Estado de México C.P. 54600

(Numero) Number V064B2845
 (Fecha) Date 16/07/2007

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 PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES.)

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|--|---|
| API 598
API 599
ANSI B16-10
ANSI B16-34
MSS-SP61 | - VALVE INSPECTION AND TESTING
- METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- VALVES - FLANGED, THREADED AND WELDING ENDS
- PRESSURE TESTING OF STEEL VALVES |
| API 6D
API 600
ANSI B16.11
API 602 | - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- STEEL GATE VALVES - FLANGED AND WELDING ENDS
- FORGED FITTINGS, SOCKET - WELDING AND THREADED
- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS |

Part No. CB0801A2AAB
 (Codigo)
Description 8" Fig. 8122 F A105, TH0000B
 (Descripción) VALVULA ESFERA DE ACERO
 (STEEL BALL VALVE)
 MANUFACTURED TO MEET NACE MR-01-75 REQUIREMENTS *FIRE TEST API 6FA, API 607
 (VALVULA SERVICIO NACE MR-01-75 *PRUEBA DE FUEGO API 6FA, API 607)

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

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)											MECHANICAL TESTS (PROP. MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS YIELD KPSI CVN@	ELG 1ST	% 2ND	% 3RD	BHN AVG
HORQUILLA	063-2041	ASTM A-105N	0.210	0.790	0.025	0.023	0.200	0.030	0.051	0.001	0.030	0.001	76.00	53.99	38	66	171	
ENDI EXTREMO1	063-2041	ASTM A-105N	0.210	0.790	0.025	0.023	0.200	0.030	0.051	0.001	0.030	0.001	76.00	53.99	38	66	171	
BODY CUERPO	063-2361	ASTM A-105N	0.200	0.790	0.021	0.021	0.200	0.040	0.040	0.001	0.040	0.001	77.21	50.94	38	64	171	
WEDGE DISCO	XS103.	ASTM A-105N	0.200	0.890	0.013	0.008	0.210	0.078	0.165	0.030	0.150	0.001	78.37	51.67	36	57	147	

Sandra Ruiz