



Industrial de Valvulas, S.A de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepozotlan, Estado de Mexico C.P. 54600

(Numero) Number **V074B961**
 (Fecha) Date **09/05/2008**

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

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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 ANF 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. CB0603A2AAB
 (Codigo) **6" Fig. 8622 F A105, TH0000B**
 Description **STEEL BALL VALVE**
(VALVULA ESFERA DE ACERO)

MANUFACTURED TO MEET NACE MR-01-75 REQUIREMENTS FIRE TEST API 6FA, API 07, REV.2003 (VALVULA
 SERVICIO NACE MR-01-75/ISO 5156 ED 2003
 PRUEBA DE FUEGO API 6FA, API 607

PRESSURE TEST <small>(PRUEBAS DE PRESION)</small>	SHELL <small>(CASCO)</small>	BACK <small>(SEAT)</small>	SIDE <small>(LADO)</small>
HYDROSTATIC (PSI) <small>(HIDROSTATICA)</small>	2225		1630
PNEUMATIC (PSI) <small>(NEUMATICA)</small>			80

MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					
			C	Min	P	S	SI	NI	Cr	Mo	Cu	V	Cb	TENS KPSI CVN ₆₀	YIELD KPSI 1ST	ELG %	RED %	BHN AVG	
BALL BOLA	B076	ASTM A-105N	0.210	0.850	0.024	0.010	0.290	0.080	0.240	0.010	0.200	0.006							
BODY CUERPO	063-1636	ASTM A-105N	0.210	0.770	0.020	0.021	0.210	0.050	0.040	0.001	0.030	0.001							
END1 EXTREMO1	063-1324	ASTM A-105N	0.220	0.790	0.030	0.004	0.210	0.060	0.100	0.030	0.100	0.004							
END2 EXTREMO2	063-1324	ASTM A-105N	0.220	0.790	0.030	0.004	0.210	0.060	0.100	0.030	0.100	0.004							

FAC10-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

SANDRA RUIZ