



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 V07M4594
 (Fecha) Date 06/11/2007

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 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, ANF 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. **DMA0202A10MAA**
 (Código)
2" Fig. 1760 F WCB, 0000000
 Description **CAST STEEL PLUG VALVE**
(VALVULA MACHO DE ACERO FUNDIDO)

TEST	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
PRESSURE TEST (PRUEBAS DE PRESION)	1125	N A	815
HYDROSTATIC (PSD) (HIDROSTATICA)			815
PNEUMATIC (PSD) (PNEUMATICA)			80

CHEMICAL COMPOSITION (%)

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
BONNET BONETE	1176-06	ASTM A-515 GR 70	0.234	1.170	0.013	0.006	0.290	0.030	0.020	0.007	0.020	0.003		79.05	45.00	19		
BODY CUERPO	27731	ASTM A-216/WCB	0.210	0.850	0.014	0.011	0.600	0.025	0.120	0.001	0.000	0.000		80.72	42.55	40		26
WEDGE DISCO	11413	ASTM A-395	3.520	0.000	0.013	0.000	2.400	0.000	0.000	0.000	0.000	0.000		63.15	43.78	20		163

MECHANICAL TESTS (PROP. MECANICAS)


 Sandra Ruiz