



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

(Numero) Number
 (Fecha) Date

V07R2833
 11/06/2007

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 | - VALVE INSPECTION AND TESTING | API 6D | - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK |
| API 599 | - METAL PLUG VALVES - FLANGED 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. **AR081A08MAB**

(Codigo)
8" Fig. 5341 F UT WCB, API TRIM No.8 8300005
 (Descripción)
VALVULA RETENCION TIPO COLUMPIO DE ACERO FUNDIDO
 (CAST STEEL SWING CHECK VALVE)
 VALVE WITH LOW EMISSION CONTROL
 (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE 1	(LADO) 2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	N A	315	N A
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

CHEMICAL COMPOSITION (%)

COMPOSICION QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	Ni	Cr	Mo	Cu	V	W	MECHANICAL TESTS (PROP. MECANICAS)					
														TENS	YIELD	ELG	RED	BHN	
														1ST	2ND	3RD	AVG		
BODY CUERPO	0D0883	ASTM A-216/WCB Normalized to (Normalizado a) 930	0.210	0.700 Temper to (Temple a) 650	0.029	0.020	0.746	0.050 Cooled in air. (Enfriado en aire)	0.050	0.020	0.060	0.010	83.52	40.74	28	44	180		
BONNET BONETE	0D0920	ASTM A-216/WCB Normalized to (Normalizado a) 930	0.210	0.820 Temper to (Temple a) 650	0.029	0.023	0.470	0.080 Cooled in air. (Enfriado en aire)	0.070	0.050	0.060	0.010	84.24	39.87	34	44	170		
WEDGE DISCO	1V6048	ASTM A-216/WCB Normalized to (Normalizado a) 930	0.200	0.840 Temper to (Temple a) 650	0.019	0.016	0.470	3.000 Cooled in air. (Enfriado en aire)	0.020	0.010	0.070	0.001	75.98	39.73	26	46	159		

Sandra Ruiz