



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 V07R2826
 (Fecha) Date 17/05/2007

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 AND 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. **AR081A08MAB**
 (Codigo)

Description **8" Fig. 5341 F UT WCB, API TRIM No.8 8300005**
 (Descripción) **VALVULA RETENCIÓN 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 (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	N A	315	N A
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	MECHANICAL TESTS (PROP. MECANICAS)				
COMPOSICIÓN QUIMICA (%)														TENS YIELD ELG RED BHN				
														KPSI	KPSI	%	%	
														CVN@	1ST	2ND	3RD	AVG
BODY CUERPO	0D0922	ASTM A-216/WCB Normalized to (Normalizado a) 930	0.200	0.780	0.028	0.023	0.530	0.050	0.040	0.020	0.080	0.010		83.95	41.18	28	42	170
Temper to (Temple a) 650			Cooled in air. (Enfriado en aire.)															
COVER TAPA	0D0924	ASTM A-216/WCB Normalized to (Normalizado a) 930	0.220	0.810	0.026	0.020	0.510	0.050	0.080	0.050	0.090	0.010		84.10	40.02	31	41	170
Temper to (Temple a) 650			Cooled in air. (Enfriado en aire.)															
WEDGE DISCO	1V6324	ASTM A-216/WCB Normalized to (Normalizado a) 930	0.200	0.880	0.018	0.016	0.420	0.020	0.020	0.010	0.060	0.010		75.54	40.02	26	42	180
Temper to (Temple a) 650			Cooled in air. (Enfriado en aire.)															

Sandra Ruiz