



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 V07R2831
 (Fecha) Date 20/06/2007

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

- | | |
|---|---|
| API 598 | API 6D |
| - VALVE INSPECTION AND TESTING | - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK |
| API 599 | API 600 |
| - METAL PLUG VALVES - FLANGED, THREADED AND WELDING | - STEEL GATE VALVES - FLANGED AND WELDING ENDS |
| ANSI B16-10 | ANSI B16.11 |
| - FACE TO FACE AND END TO END DIMENSIONS OF VALVES | - FORGED FITTINGS, SOCKET - WELDING AND THREADED |
| ANSI B16-34 | API 602 |
| - VALVES - FLANGED, THREADED AND WELDING ENDS | - 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 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 (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)							
														TENS	YIELD	ELG	RED	BHN			
														1ST	2ND	3RD	AVG				
BODY CUERPO	0DD0924	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				
BONNET BONETE	0DD0928	ASTM A-216/WCB Normalized to (Normalizado a) 930	0.210	0.750	0.028	0.024	0.510	0.050	0.060	0.030	0.050	0.010	84.24	40.60	31	42	170				
WEDGE DISCO	1V6345	ASTM A-216/WCB Normalized to (Normalizado a) 930	0.200	0.910	0.022	0.015	0.410	0.020	0.030	0.010	0.040	0.010	75.54	39.87	27	39	180				

CERTIFICADO POR
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Sandra Ruiz