



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

(Numero) Number V07R2830
 (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)

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|---|--|
| 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 AND 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 |
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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)				
														TENS	YIELD	ELG	RED	BHN
														KPSI	KPSI	%	%	AVG
														CVN@	1ST	2ND	3RD	
COVER	0DD0921	ASTM A-216/WCB	0.220	0.750	0.033	0.026	0.450	0.050	0.050	0.020	0.050	0.010		83.52	40.74	26	41	170
TAPA			Normalizated to (Normalizado a) 930 Temper to (Temple a) 650															
BODY	0DD0927	ASTM A-216/WCB	0.220	0.780	0.030	0.020	0.460	0.070	0.070	0.010	0.070	0.010		83.37	41.18	34	41	170
CUERPO			Normalizated to (Normalizado a) 930 Temper to (Temple a) 650															
WEDGE	1V6338	ASTM A-216/WCB	0.200	0.810	0.023	0.021	0.480	0.020	0.020	0.010	0.050	0.010		74.96	39.00	24	38	180
DISCO			Normalizated to (Normalizado a) 930 Temper to (Temple a) 650															

CERTIFICADO POR
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Sandra Ruiz