

## QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)

### 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 LAST EDITION:

(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 ULTIMA EDICIÓN.)

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  
API 600  
ANSI B16-11  
API 602

- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK  
- STEEL GATE VALVES, FLANGED AND WELDING ENDS  
- FORGED FITTINGS, SOCKET - WELDING AND THREADED  
- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. **AR031A08MAB830000M**  
(Código)  
Description **3" Fig. 5341 F UT WCB, API TRIM No.8 830000**  
Descripción **CAST STEEL SWING CHECK VALVE 150 CLASS**  
**(VALVULA RETENCIÓN TIPO COLUMPIO DE ACERO FUNDIDO CLASE 150)**

VALVE MANUFACTURED TO MEET LOW FUGITIVE EMISSION (50 PPM'S MAX) & NACE SERVICE MR-01-75 (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS 50 PPM'S MAX.) Y PARA SERVICIO NACE MR-01-75 / MR0103-2007)

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

#### MECHANICAL TESTS (PROP MECANICAS)

CHEMICAL COMPOSITION (%)			COMPOSICIÓN QUIMICA (%)										MECHANICAL TESTS (PROP MECANICAS)						
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG	
BODY	WH35409	ASTM A-216/WCB	0.195	0.979	0.024	0.015	0.470	0.013	0.059	0.001	0.025	0.003		82.22	46.98	28	57	156	
CUERPO			Normalized to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C			Cooled in air. (Enfriado en aire.)									
COVER	WH35371	ASTM A-216/WCB	0.194	0.957	0.023	0.013	0.484	0.013	0.019	0.001	0.028	0.003		75.84	46.69	31	55	153	
TAPA			Normalized to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C			Cooled in air. (Enfriado en aire.)									
WEDGE	WH82052	ASTM A-217/CA15	0.113	0.769	0.021	0.009	0.476	0.093	13.213	0.001	0.020	0.035		97.99	71.23	25	45	235	
DISCO			Normalized a (Normalizado to) 955 °C				Temple a (Temper to) 630 °C			Enfriado en aire. (Cooled in air.)									

CERTIFICADO POR:  
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:  
QUALITY ASSURANCE

  
YOLANDA PONCIANO