



Industrial de Valvulas, S.A. de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepotzotlan, Estado de Mexico C.P. 54600

(Numero) Number
 (Fecha) Date

V105R1109
 06/10/2011

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

API 598
 API 599
 ANSI B16-10
 ANSI B16-34
 MSS-SP61

- VALVE INSPECTION AND TESTING
 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES
 - VALVES - FLANGED, THREADED AND WELDING ENDS
 - 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. **AR041A08MAB830000M**

(Código)

4" Fig. 5341 F UT WCB, API TRIM No.8 830000

Description
 Descripción

CAST STEEL SWING CHECK VALVE 150 CLASS
 (VALVULA RETENCIÓN TIPO COLUMPIO DE ACERO FUNDIDO CLASE 150)

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.))

PRESSURE TEST (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

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V					
BODY CUERPO	WH32094	ASTM A-216/WCB	0.189	0.949	0.016	0.029	0.508	0.032	0.026	0.006	0.027	0.007	75.11	44.08	27	52	159
COVER TAPA	WH32261	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C			Cooled in air. (Enfriado en aire.)			75.69	47.56	30	51	163	
WEDGE DISCO	HD8623	ASTM A-217/CA15	0.183	0.855	0.014	0.020	0.471	0.036	0.023	0.009	0.048	0.009	100.19	68.15	28	43	269
			Normalized to (Normalizado a) 920 °C			Temper to (Temple a) 650 °C			Cooled in air. (Enfriado en aire.)								
			0.120	0.700	0.019	0.015	0.890	0.970	12.090	0.040	0.011	0.004					
			Normalizado a (Normalized to) 970 °C			Temple a (Temper to) 630 °C			Enfriado en aire. (Cooled in air.)								

FAC10-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE


 Jessica Garcia