



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

(Numero) Number V07R5537
 (Fecha) Date 03/09/2008

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:
 ESTANDARES ULTIMA EDICION.)

- | | |
|--|--|
| 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 ANF 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. AR022A08MAB

(Codigo) **2 1/2" Fig. 5344 F UT WCB, API TRIM No.8 830000K**

Description **CAST STEEL SWING CHECK VALVE (VALVULA RETENCION TIPO COLLUMPIO DE ACERO FUNDIDO)**

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

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	N A	815 N A
PNEUMATIC (PSI) (NEUMATICA)			N A N A

CHEMICAL COMPOSITION (%)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICION QUIMICA (%)														
			C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	Cb				
BODY CUERPO	N9876	ASTM A-216/WCB	0.200	0.870	0.028	0.030	0.460	0.005	0.018	0.025	0.026	0.001	79.32	50.46	25	48	153
WEDGE DISCO	N2405	ASTM A-216/WCB	0.210	0.880	0.028	0.025	0.430	0.024	0.025	0.005	0.036	0.001	79.61	49.45	26	54	179
COVER TAPA	N9874	ASTM A-216/WCB	0.230	0.980	0.031	0.016	0.450	0.005	0.014	0.009	0.018	0.001	76.85	50.61	25	44	158

MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	TENS					YIELD 1ST	ELG 2ND	RED 3RD	BHN AVG
			KPSI	CVN#	KSI	%	%				
BODY CUERPO	N9876	ASTM A-216/WCB	79.32		50.46	25	48	153			
WEDGE DISCO	N2405	ASTM A-216/WCB	79.61		49.45	26	54	179			
COVER TAPA	N9874	ASTM A-216/WCB	76.85		50.61	25	44	158			

FACIO-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: QUALITY ASSURANCE


JESSICA GARCIA