



WALWORTH
Since 1842

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

(Numero) Number
(Fecha) Date

V07R5899
28/09/2007

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

- API 598 - VALVE INSPECTION AND TESTING
- API 600 - PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK
- ANSI B16-10 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- ANSI B16-34 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- MSS-SP61 - VALVES - FLANGED, THREADED AND WELDING ENDS
- API 6D - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- ANSI B16-11 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
- MSS-SP61 - PRESSURE TESTING OF STEEL VALVES

Part No. **AR031A08MAA**

(Codigo) **3" Fig. 5341 F UT WCB, API TRIM No.8 8300000**

Description **CAST STEEL SWING CHECK VALVE (VALVULA RETENCION TIPO COLUMPIO 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 (SEAL)	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 (%)

COMPOSICION QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KPSI CVM/6)	YIELD (KPSI 1ST)	ELG (%) 2ND	RED (%) 3RD	BHN AVG
BODY CUERPO	WH19985	ASTM A-216/WCB	0.205	0.929	0.025	0.018	0.445	0.043	0.058	0.022	0.032	0.004	0.000	76.85	49.16	34	57	160
WEDGE DISCO	HD3182	ASTM A-217/CA15	0.130	0.750	0.026	0.021	0.910	0.320	12.230	0.024	0.047	0.004	0.000	100.19	68.44	25	47	273
COVER TAPA	XS125	ASTM A-216/WCB	0.210	0.950	0.025	0.028	0.530	0.070	0.180	0.020				75.11	47.27	24	41	170