



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

(Numero) Number
(Fecha) Date

V07C3S973
10/12/2007

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 PRUBADO 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 6D | - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK |
| API 599 | - METAL PLUG VALVES - FLANGED, THREADED AND WELDING | API 600 | - STEEL GATE VALVES, FLANGED AND WELDING ENDS |
| ANSI B16-10 | - FACE TO FACE AND END TO END DIMENSIONS OF VALVES | ANSI B16-11 | - FORGED FITTINGS, SOCKET - WELDING AND THREADED |
| ANSI B16-34 | - VALVES - FLANGED, THREADED AND WELDING ENDS | API 602 | - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS |
| MSS-SP61 | - PRESSURE TESTING OF STEEL VALVES | | |

Part No. AC031A08MAA

(Codigo)

3" Fig. 5202 F UT WCB, API TRIM No.8 7900000

Description

CAST STEEL GATE VALVE
(VALVULA COMPUERTA DE ACERO FUNDIDO)
MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMENTS *TS AND LOW FUGITIVE EMISSIONS CONTROL
(VALVULA SERVICIO NACE MR-01-75 *Y CONTROL DE EMISIONES FUGITIVAS 50 PPM'S)

TEST	PSI	PSI	PSI	PSI
PRESSURE TEST (PRUBAS DE PRESION)	450	450	80	80
HYDROSTATIC (PSD) (HIDROSTATICA)				
PNEUMATIC (PSD) (NEUMATICA)				

CHEMICAL COMPOSITION (%)

COMPOSICION QUIMICA (%)

ITEM (PARTE) (COLADA)	HEAT No. (ASTM)	MATERIAL	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KSI) CVN@	YIELD (KSI) 1ST	ELG (%) 2ND	RED (%) 3RD	BHN AVG
BONNET BONETE	XSS69	ASTM A-216/WCB	0.190	0.800	0.023	0.023	0.380	0.071	0.120	0.030				75.54	44.95	24	41	163
BODY CUERPO	WH18781	ASTM A-216/WCB	0.206	0.967	0.022	0.015	Tempor to (Temple a) 650 °C 0.470	0.052	0.068	0.015	0.057	0.002		83.52	43.79	28	48	155
WEDGE DISCO	WH81470	ASTM A-217/CA15	0.122	0.785	0.036	0.015	0.808	0.143	13.710	0.069	0.028	0.026		99.76	72.07	23	42	296

MECHANICAL TESTS (PROP. MECANICAS)

Sandra Ruiz