



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 V07C3S970
(Fecha) Date 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 PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES.)

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|-------------|---|-------------|---|
| 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 REQUIREMENT *TS AND LOW FUGITIVE EMISSIONS CONTROL.
(VALVULA SERVICIO NACE MR-01-75 *Y CONTROL DE EMISIONES FUGITIVAS SO PPV'S)

TEST	PSI	PSI	PSI	PSI	PSI
PRESSURE TEST (PRUEBAS DE PRESION)					
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N/A	N/A	
PNEUMATIC (PSI) (PNEUMATICA)			80	80	

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W
BONNET BONETE	X3342	ASTM A-216/WCB	0.210	0.870	0.029	0.029	0.460	0.065	0.100	0.011			
BODY CUERPO	WH18761	ASTM A-216/WCB	0.205	0.990	0.031	0.016	0.482	0.043	0.046	0.018	0.017	0.002	
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	

COMPOSICIÓN QUÍMICA (%)

MECHANICAL TESTS (PROP. MECANICAS)

TENS (KSI)	YIELD (KSI)	ELG (%)	RED (%)	BHN
76.27	47.85	25	40	164
77.72	45.68	34	57	161
99.76	72.07	23	42	296