



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. 34600

(Numero) Number
(Fecha) Date

V07C35947
21/11/2007

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

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)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A
PNEUMATIC (PSI) (NEUMATICA)			80
			80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICION QUIMICA (%)

TENS YIELD ELG RED BHN

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN/g	YIELD KPSI IST	ELG %	RED %	BHN AVG
BONNET BONETE	WH20515	ASTM A-216/WCB	0.213	0.919	0.032	0.014	0.440	0.048	0.054	0.022	0.032	0.002		75.98	48.87	36	57	163
BODY CUERPO	XS344	ASTM A-216/WCB	0.190	0.920	0.025	0.027	0.440	0.071	0.080	0.012				75.98	44.66	25	42	162
WEDGE DISCO	WH81493	ASTM A-217/CA15	0.131	0.874	0.028	0.017	0.654	0.118	12.900	0.020	0.014	0.020		97.59	72.21	25	42	300

FAC10-21 REV "2"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE

Sandra Ruiz