

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 ANF 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

(Código) 3" Fig. 5202 F UT WCB, API TRIM No.8 79000000

Description CAST STEEL GATE VALVE
 (VALVULA COMPUERTA DE ACERO FUNDIDO)
 MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMEN *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 (SEAL)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUIMICA (%)

ITEM (PARTE) (COLADA)	HEAT No. (MATERIA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN ₆₀	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET BONETE	XS414	ASTM A-216/WCB	0.250	0.700	0.027	0.027	0.400	0.080	0.150	0.028				76.56	47.85	25	41	158
BODY CUERPO	WH19097	ASTM A-216/WCB	0.213	0.890	0.021	0.027	0.503	0.049	0.025	0.022	0.022	0.001		83.38	44.95	34	57	151
WEDGE DISCO	D3200	ASTM A-217/CA15	0.140	0.740	0.017	0.025	0.960	0.400	12.140	0.016	0.033	0.001		100.05	69.89	24	44	269

Normalized to (Normalizado a) 920 °C
 Normalized to (Normalizado a) 920 °C
 Normalized to (Normalizado a) 920 °C
 Normalizado a (Normalizado to) 970 °C
 Temper to (Temper a) 650 °C
 Temper to (Temper a) 650 °C
 Temper to (Temper to) 630 °C
 Cooled in air (Cooled in air (Enfr) (Enfr)
 Cooled in air (Cooled in air (Enfr)
 Enfrido en aire (Enfrido en aire (C)

Sandra Ruiz