

## QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)  
**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 LAST EDITION:

(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 ULTIMA EDICIÓN.)

- |             |   |             |   |
|-------------|---|-------------|---|
| 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.** AC011A08MAA8300000  
(Código)  
**Description** 2" Fig. 5202 F UT WCB, API TRIM No.8 8300000  
Descripción **CAST STEEL GATE VALVE 150 PSI**  
(VALVULA COMPUERTA DE ACERO FUNDIDO 150 PSI)

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 (SEAT)	SIDE (LADO)	
			1	2
<b>HYDROSTATIC (PSI)</b> (HIDROSTATICA)	450	450	N A	N A
<b>PNEUMATIC (PSI)</b> (NEUMATICA)			80	80

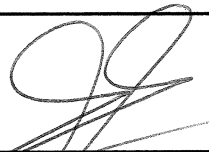
**MECHANICAL TESTS** (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)													COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN
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ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
			<b>BODY</b> CUERPO	WH21324	ASTM A-216/WCB	0.217	0.955	0.027	0.019	0.435	0.047	0.049	0.017	0.016	0.003		81.20	38.72
<b>BONNET</b> BONETE	WH11593	ASTM A-216/WCB	Normalizated to (Normalizado a) 920 °C				Temper to (Temple a) 650 °C				Cooled in air.(Cooled in air. (Enfr)			74.82	42.63	25	47	159
<b>WEDGE</b> DISCO	D3906	ASTM A-216/WCB	0.199	0.898	0.024	0.017	0.529	0.034	0.030	0.030	0.033	0.004		75.25	48.57	27	46	171
			Normalizated to (Normalizado a) 920 °C				Temper to (Temple a) 650 °C				Cooled in air.(Cooled in air. (Enfr)							
			0.200	0.800	0.027	0.017	0.500	0.025	0.076	0.026	0.021	0.002						
											Cooled in air.(Cooled in air. (Enfr)							

FAC10-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD  
CERTIFIED BY: QUALITY ASSURANCE

  
**SANDRA RUIZ**