

## 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 PRUBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICION)

- |             |   |             |   |
|-------------|---|-------------|---|
| 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. **AC031A08MAA8300000**

(Codigo) **3rd Fig. 5202 F UT WCB, API TRIM No.8 8300000**

Description **CAST STEEL GATE VALVE  
(VALVULA COMPUERTA DE ACERO FUNDIDO)**

VALVE WITH LOW EMISSION CONTROL (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

PRESSURE TEST (PRUBAS DE PRESSION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
<b>HYDROSTATIC (PSD)</b> (HIDROSTATICA)	450	450	N A	N A
<b>PNEUMATIC (PSD)</b> (PNEUMATICA)			80	80

**MECHANICAL TESTS (PROP. MECANICAS)**

**CHEMICAL COMPOSITION (%)**

**COMPOSICION QUIMICA (%)**

**TENS YIELD ELG RED BHN**

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	Ni	Cr	Mo	Cu	V	Cb	KSI CVN <sub>60</sub>	KSI YST	% 2ND	% 3RD	AVG
<b>BONNET</b>	WH25357	ASTM A-216/WCB	0.191	0.892	0.032	0.021	0.470	0.019	0.020	0.005	0.007	0.004		73.23	43.21	25	47	162
<b>BONNETE</b>			Normalized to (Normalized a) 930 °C															
<b>BODY</b>	WH17819	ASTM A-216/WCB	0.196	0.960	0.025	0.017	0.480	0.049	0.089	0.025	0.022	0.003		81.93	46.98	30	55	154
<b>CUERPO</b>			Normalized to (Normalized a) 930 °C															
<b>WEDGE</b>	WH81262	ASTM A-217/CA15	0.125	0.767	0.018	0.004	0.500	0.060	13.010	0.009	0.019	0.001		98.17	66.99	34	59	283
<b>DISCO</b>			Normalized a (Normalized to) 970 °C															
			Enfriado en aire: (Enfriado en aire: (C)															

  
**JESSICA GARCIA**