

## 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 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 AND 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. AC081A08MAA8300000**  
 (Código) **8" Fig. 5202 F UT WCB, API TRIM No.8 8300000**

**Description CAST STEEL GATE VALVE 150 CLASS**  
 Descripción (VALVULA COMPUERTA DE ACERO FUNDIDO 150 CLASS)

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	315	315
<b>PNEUMATIC (PSI)</b> (NEUMATICA)			80	80

**MECHANICAL TESTS (PROP. MECANICAS)**

**CHEMICAL COMPOSITION (%)**

**COMPOSICIÓN QUIMICA (%)**

**TENS YIELD ELG RED BHN**

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	WH31626	ASTM A-216/WCB	0.217	0.901	0.029	0.014	0.421	0.028	0.042	0.012	0.035	0.001		76.71	42.92	25	48	167
Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C											Cooled in air.(Cooled in air. (Enfr)				
<b>BONNET</b> BONETE	WH31681	ASTM A-216/WCB	0.208	0.989	0.033	0.019	0.446	0.031	0.026	0.012	0.030	0.001		76.13	44.95	34	54	168
Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C											Cooled in air.(Cooled in air. (Enfr)				
<b>WEDGE</b> DISCO	WH81217	ASTM A-217/CA15	0.141	0.985	0.021	0.030	0.459	0.072	12.540	0.011	0.017	0.002		98.89	70.32	24	41	300
Normalized a (Normalizado to) 970 °C			Enfriado en aire.(Enfriado en aire. (C)															

**PLEASA ANAHUAC Y CIAS. S.A. DE C.V.**  
**CONTROL DE CALIDAD**  
 FECHA 27 Ene 2010  
 NUMA 0000205  
Enrique Ruiz

FAC10-21 REV "3"