

## 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. AC161A08MAB830000B**  
 (Código) **16" Fig. 5202 F UT WCB, API TRIM No.8 830000**  
**Description** CAST STEEL GATE VALVE 150 CLASS  
 Descripción (VALVULA COMPUERTA DE ACERO FUNDIDO CLASE 150)

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

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	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 (%)					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				
BODY CUERPO	H388	ASTM A-216/WCB	0.202	0.704	0.020	0.012	0.282	0.019	0.036	0.002		0.005		81.93	49.30	30	39	165				
Normalized (Normalizado a) 930 °C			Temper to (Temple a) 650 °C										Air Cooled. (Enfriado en aire.)									
BONNET BONETE	H379	ASTM A-216/WCB	0.226	0.774	0.028	0.013	0.283	0.025	0.050	0.001	0.018	0.026		81.93	48.58	29	38	165				
Normalized (Normalizado a) 930 °C			Temper to (Temple a) 650 °C										Air Cooled. (Enfriado en aire.)									
WEDGE DISCO	H308	ASTM A-216/WCB	0.203	0.678	0.018	0.012	0.240	0.003	0.040	0.021	0.018	0.016		81.93	48.58	29	38	163				
Normalized (Normalizado a) 930 °C			Temper to (Temple a) 650 °C										Air Cooled. (Enfriado en aire.)									

 CERTIFICADO POR:  
 ASEGURAMIENTO DE CALIDAD

 CERTIFIED BY:  
 QUALITY ASSURANCE

  
**Jessica Garcia**