

# 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.** FS011A1MABV80000Z  
 (Código)  
**Description** 2" Fig. 1912 F WCB, V80000Z  
 Descripción CAST STEEL SLAB GATE VALVE (API-6D) 150 PSI  
 (VALVULA COMPUERTA PLANA DE ACERO FUNDIDO (API-6D) 150 PSI)

NACE-MR-01-75, FIRE TEST API 6FA (NORMA NACE-MR-01-75, PRUEBA DE FUEGO API 6FA)

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 (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										TENS KPSI CVN@	YIELD KPSI IST	ELG % 2ND	RED % 3RD	BHN AVG
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V					
BODY CUERPO	17518	ASTM A-216/WCB	0.190	0.720	0.021	0.018	0.450	0.070	0.080	0.040	0.070	0.010	76.70	741.18	30	40	164
BONNET BONETE	17518	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C				Temper to (Temple a) 650 °C		Cooled in air.(Cooled in air. (Enfr)			76.70	741.18	30	40	164	
WEDGE DISCO	F9710	ASTM A-515 GR 70	0.190	0.720	0.021	0.018	0.450	0.070	0.080	0.040	0.070	0.010	76.70	741.18	30	40	164
			Normalized to (Normalizado a) 920 °C				Temper to (Temple a) 650 °C		Cooled in air.(Cooled in air. (Enfr)			77.43	42.92	24	40	185	
			0.290	0.910	0.023	0.022	0.210	0.000	0.000	0.000	0.000	0.000					

FAC10-21 REV '3'

CERTIFICADO POR:  
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:  
 QUALITY ASSURANCE

  
**JESSICA GARCIA**