

## 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. AC101A08MAA8300000**  
(Código)  
**Description 10" Fig. 5202 F UT WCB, API TRIM No.8 8300000**  
Descripción **CAST STEEL GATE VALVE 150 CLASS**  
**(VALVULA COMPUERTA DE ACERO FUNDIDO CLASE 150)**

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
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315	315
PNEUMATIC (PSI) (NEUMATICA)			80	80

**MECHANICAL TESTS (PROP. MECANICAS)**

**CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)**

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)										TENS	YIELD	ELG	RED	BHN
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD
<b>BODY</b> CUERPO	WH26823	ASTM A-216/WCB	0.191	0.931	0.028	0.014	0.401	0.011	0.028	0.005	0.015	0.001	77.43	47.27	34	54	150
<b>BONNET</b> BONETE	WH21460	ASTM A-216/WCB	Normalizated to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C		Cooled in air.(Cooled in air. (Enfr)			71.34	36.40	27	51	157	
<b>WEDGE</b> DISCO	WH81448	ASTM A-217/CA15	0.209	0.999	0.022	0.014	0.520	0.047	0.043	0.019	0.025	0.004	106.58	68.59	29	57	294
			Normalizated to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C		Cooled in air.(Cooled in air. (Enfr)								
			0.112	0.357	0.001	0.032	0.913	0.065	12.880	0.012	0.024	0.001					
			Normalizado a (Normalizated to) 970 °C				Temple a (Temper to) 630 °C		Enfriado en aire.(Enfriado en aire. (C)								

**PLEASA ANAHUAC Y CIAS. S.A. DE C.V.**

**CONTROL DE CALIDAD**

FECHA 26 Mar 2010  
E.S.G.S

FIRMA E. RUIZ

  
**JESSICA GARCIA**