

# 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. AC031A08MAA8300000**  
(Código) **3" Fig. 5202 F UT WCB, API TRIM No.8 8300000**  
**Description** **CAST STEEL GATE VALVE 150 PSI**  
**Description** **(VALVULA COMPUERTA DE ACERO FUNDIDO 150 PSI)**

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	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 1ST	ELG % 2ND	RED % 3RD	BHN AVG
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V					
<b>BODY</b> CUERPO	WH28369	ASTM A-216/WCB	0.213	0.890	0.033	0.018	0.438	0.033	0.045	0.005	0.019	0.002	72.64	50.75	25	48	166
<b>BONNET</b> BONETE	WH2931	ASTM A-216/WCB	Normalizated to (Normalizado a) 930 °C		Temper to (Temple a) 650 °C												
<b>WEDGE</b> DISCO	D2459	ASTM A-217/CA15	0.210	0.938	0.028	0.020	0.475	0.040	0.040	0.020	0.040	0.001	75.98	46.11	28	49	163
			Normalizado a (Normalizado to) 970 °C		Temple a (Temper to) 630 °C												
			0.110	0.860	0.016	0.027	0.880	0.700	12.970	0.025	0.060	0.001	98.17	70.62	25	45	270
			Normalizado a (Normalizado to) 970 °C		Temple a (Temper to) 630 °C												

PLEASA ANAHUAC Y CIAS. S.A. DE C.V.  
CONTROL DE CALIDAD  
FECHA 14 Ene 2010  
CE000002  
FIRMA Enrique Ruiz

FAC10-21 REV "3"

  
**JESSICA GARCIA**