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(Numero) Number  
 (Fecha) Date

V141C185  
 30/10/2014

## 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 PRUBADO 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 594 - CHECK VALVES FLANGED, LUG, WAFER AND BUTT WELDING

- 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. **AC043A08MAA830000U**  
 (Código)  
 Description **4" Fig. 5232 F UT WCB, API TRIM No.8 830000**  
 Descripción **CAST STEEL GATE VALVE 600 CLASS**  
**(VALVULA COMPUERTA DE ACERO FUNDIDO CLASE 600)**  
**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)	2225	2225	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

#### MECHANICAL TEST (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	312876	ASTMA-216 GR WCB Normalized (Normalizado a) 930 °C	0.230	0.880	0.004	0.009	0.590	0.001	0.120	0.001	0.000			79.90	47.94	26	45	163						
BONNET BONETE	313038	ASTMA-216 GR WCB Normalized (Normalizado a) 930 °C	0.220	0.900	0.006	0.009	0.560	0.007	0.160	0.010	0.000			79.11	47.43	29	48	156						
WEDGE DISCO	312808	ASTMA-216 GR WCB Normalized (Normalizado a) 930 °C	0.230	0.950	0.007	0.009	0.520	0.034	0.150	0.001	0.000			84.84	50.90	24	45	163						

CERTIFICADO POR:  
ASEGURAMIENTO DE

CERTIFIED BY:  
QUALITY ASSURANCE

Yolanda Ponciano