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(Numero) Number

V14G1834

(Fecha) Date

06/10/2014

## 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 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 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. **AG032A01MAB830000G**  
 (Código)  
 Description **3" Fig. 5281 F AA WCB, API TRIM No.1 830000**  
 Descripción **CAST STEEL GLOBE VALVE 300 CLASS**  
**(VALVULA GLOBO DE ACERO FUNDIDO CLASE 300)**

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)	1125	1125	815	NA
PNEUMATIC (PSI) (NEUMATICA)			80	NA

#### MECHANICAL TEST (PROP. MECANICAS)

#### CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											MECHANICAL TEST (PROP. MECANICAS)								
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG				
BODY CUERPO	H8251	ASTM A-216/WCB Normalized (Normalizado a) 900 °C	0.197	0.672	0.030	0.026	0.363	0.040	0.058	0.012	0.066	0.001						82.07	42.78	28	45	170
BONNET BONETE	H8188	ASTM A-216/WCB Normalized (Normalizado a) 930 °C	0.212	0.780	0.026	0.028	0.380	0.080	0.180	0.005	0.020	0.001						78.59	42.34	27	37	166
WEDGE DISCO	H8231	ASTM A-216/WCB Normalized (Normalizado a) 900 °C	0.216	0.750	0.031	0.020	0.413	0.040	0.051	0.012	0.038	0.001						73.52	44.95	35	54	159

CERTIFICADO POR:  
ASEGURAMIENTO DE

CERTIFIED BY :  
QUALITY ASSURANCE

Yolanda Ponciano