



Industrial de Valvulas, S.A de C.V.  
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol  
 Tepozotlan, Estado de Mexico C.P. 54600

(Numero) Number V07C36534  
 (Fecha) Date 29/01/2008

## QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

### 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:  
 (CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES.)

- VALVE INSPECTION AND TESTING
- METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- VALVES - FLANGED, THREADED AND WELDING ENDS
- PRESSURE TESTING OF STEEL VALVES

Part No. **AC041A08MAB**

(Codigo) **4" Fig. 5202 F UT WCB, API TRIM No.8 830000K**

Description **CAST STEEL GATE VALVE**

(VALVULA COMPUERTA DE ACERO FUNDIDO)

VALVE WITH LOW EMISSION CONTROL (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

TEST	REQUIREMENT	ACTUAL	REMARKS
PRESSURE TEST (PRUEBAS DE PRESION)	API 6D API 600 ANSI B16-11 API 602		
HYDROSTATIC (PSI) (HIDROSTATICA)		450	
PNEUMATIC (PSI) (PNEUMATICA)		80	

### CHEMICAL COMPOSITION (%)

ITEM (PARTS) (COLODA)	HEAT No. (ASTM)	MATERIAL (ASTM)	C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	Cb	TENS (KPSI) (CVN@)	YIELD (KPSI) (1ST)	ELG (%) (2ND)	RED (%) (3RD)	BHN (AVG)
BONNET	WH19224	ASTM A-216/WCB	0.203	0.975	0.023	0.019	0.464	0.043	0.062	0.012	0.025	0.001		75.11	44.80	26	53	152
BONNET	WH19369	ASTM A-216/WCB	0.210	0.901	0.027	0.003	0.466	0.009	0.040	0.005	0.041	0.001		74.24	40.75	35	56	157
WEDGE DISCO	WH83476	ASTM A-217/CA15	0.100	0.770	0.013	0.021	0.900	0.330	12.310	0.037	0.055	0.002		99.47	70.04	27	45	253

CERTIFICADO POR: ASSEGURAMIENTO DE CALIDAD

CERTIFIED BY:   
 SANDRA RUIZ

QUALITY ASSURANCE