



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 V07C8128
 (Fecha) Date 15/10/2007

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 PRABADO 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
- PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK
- STEEL GATE VALVES, FLANGED AND WELDING ENDS
- FORGED FITTINGS, SOCKET - WELDING AND THREADED
- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. AC081A09MAA

8" Fig. 5202 F A WCB, API TRIM No. 9 8300000

CAST STEEL GATE VALVE
 (VALVULA COMPUERTA DE ACERO FUNDIDO)
 VALVE WITH LOW EMISSION CONTROL
 (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPMVS MAX)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSD) (HIDROSTATICA)	450	450	315	315
PNEUMATIC (PSD) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

ITEM (PARTE) (COLADA)	HEAT No. (ASTM)	MATERIAL (ASTM)	COMPOSICION QUIMICA (%)															
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET BONETE	WH22038	ASTM A-216/WCB	0.210	0.960	0.021	0.013	0.470	0.025	0.042	0.041	0.049	0.004		73.66	42.63	26	49	158
BODY CUERPO	WH23444	ASTM A-216/WCB	0.190	0.855	0.007	0.014	0.511	0.014	0.036	0.005	0.039	0.001		72.21	43.21	26	50	152
WEDGE DISCO	WH6495	ASTM A-216/WCB	0.189	0.890	0.033	0.027	0.456	0.020	0.030	0.030	0.030	0.001		76.99	46.54	29	49	166

FACIO-21 REV "2"

CERTIFICADO POR
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:

 Sandra Ruiz

QUALITY ASSURANCE