



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 V08C3067
 (Fecha) Date 01/02/2008

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 PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES)

- 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 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. **AC062A08MAB**
 (Codigo)
6" Fig. 5206 F UT WCB, API TRIM No.8 830000M
 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	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
PRESSURE TEST (PRUEBAS DE PRESION)	1125	1125	N A
HYDROSTATIC (PSD) (HIDROSTATICA)			N A
PNEUMATIC (PSD) (PNEUMATICA)			80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	NI	Cr	Mo	Cu	V	Cb	TENS (KPSI) (CVN ₆₀)	YIELD (KPSI) (1ST)	ELG (%) (2ND)	RED (%) (3RD)	BHN (AVG)
BONNET BONETE	WH18213	ASTM A-216/WCB	0.216	0.871	0.031	0.023	0.500	0.023	0.062	0.037	0.005	0.002		78.74	49.01	36	60	160
BODY CUERPO	WH19331	ASTM A-216/WCB	Normalized to (Normalized a) 930 °C 0.190	0.906	0.028	0.020	Temper to (Tempe a) 650 °C 0.476	0.046	0.050	0.005	0.005	0.001		72.21	44.80	33	46	161
WEDGE DISCO	D4518	ASTM A-217/CA15	Normalized to (Normalized a) 930 °C 0.110	0.830	0.013	0.032	Temper to (Tempe a) 650 °C 0.920	0.260	12.700	0.027	0.049	0.001		99.76	68.87	24	47	275
			Enfriado a (Normalizado a) 970 °C															

MECHANICAL TESTS (PROF. MECANICAS)

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

 Sandra Ruiz