

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

(Numero) Number V08C10580
 (Fecha) Date 05/06/2008

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 EDICION)

- 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. **AC061A08MAB**

(Codigo) **6" 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)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A N A
PNEUMATIC (PSI) (NEUMATICA)			80 80

CHEMICAL COMPOSITION (%)

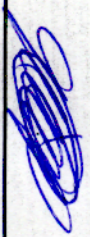
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI CVM/g)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)
BONNET	WH24150	ASTM A-216/WCB	0.196	0.905	0.029	0.015	0.499	0.007	0.005	0.027	0.087	0.001		75.69	38.71	32	46	158
BONETE			Normalized to (Normalized a) 920 °C															
BODY	WH23785	ASTM A-216/WCB	0.211	0.854	0.025	0.015	0.436	0.005	0.063	0.009	0.041	0.001		81.49	51.47	33	52	173
CUERPO			Normalized to (Normalized a) 920 °C															
WEDGE	D5492	ASTM A-217/CA15	0.110	0.800	0.022	0.013	0.930	0.330	12.900	0.018	0.071	0.003		100.34	68.15	25	44	275
DISCO			Normalized a (Normalized to) 970 °C															
			Temple a (Temper to) 630 °C															
			Enfriado en aire. (Enfriado en aire. (C))															

MECHANICAL TESTS (PROP. MECANICAS)

FAC10-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE


 Sandra Ruiz