



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
 (Fecha) Date

V07C38024
 10/12/2007

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. **AC011A08MAB**

Description **2" Fig. 5202 F UT WCB, API TRIM No.8 830000K**

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	VALVE	REQUIREMENT	ACTUAL
PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	450	450
	BACK (SEAT)	450	450
HYDROSTATIC (PSD) (HIDROSTATICA)	1	N/A	N/A
	2	N/A	N/A
PNEUMATIC (PSD) (NEUMATICA)	1	80	80
	2	80	80

CHEMICAL COMPOSITION (%)		COMPOSICIÓN QUIMICA (%)	
C	0.193	Mn	0.985
P	0.020	S	0.007
Si	0.395	Ni	0.017
Cr	0.036	Mo	0.005
Cu	0.042	V	0.001
W			

ITEM (PARTS)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI (CVN ₆₀)	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
BONNET	WH24580	ASTM A-216/WCB	0.193	0.985	0.020	0.007	0.395	0.017	0.036	0.005	0.042	0.001		81.20	49.44	30	43	152
BONNET	WH24580	ASTM A-216/WCB	0.193	0.985	0.023	0.012	0.499	0.027	0.027	0.042	0.033	0.003		74.10	43.21	26	45	169
BODY	WH2475	ASTM A-216/WCB	0.193	0.856	0.023	0.012	0.499	0.027	0.027	0.042	0.033	0.003		74.10	43.21	26	45	169
CUERPO	WH2475	ASTM A-216/WCB	0.193	0.856	0.023	0.012	0.499	0.027	0.027	0.042	0.033	0.003		74.10	43.21	26	45	169
WEDGE	DB285	ASTM A-217/CA15	0.090	0.750	0.019	0.012	0.880	0.740	12.640	0.011	0.038	0.001		100.34	68.59	29	42	275
DISCO	DB285	ASTM A-217/CA15	0.090	0.750	0.019	0.012	0.880	0.740	12.640	0.011	0.038	0.001		100.34	68.59	29	42	275

FAC10-21 REV "2"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE