



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 V08C22147
 (Fecha) Date 23/01/2009

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:
 ESTANDARES 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 AND 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. **AC041A08MAB830000K**

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

Description **CAST STEEL GATE VALVE 150 PSI (VALVULA COMPUERTA DE ACERO FUNDIDO 150 PSI)**

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 (SEAL)	SIDE (LABO)
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N/A
PNEUMATIC (PSI) (PNEUMATICA)			80

MECHANICAL TESTS (PROB. MECANICAS)

CHEMICAL COMPOSITION (%)

ITEM (PARTE) (CODIGO)	HEAT No. (ASTM)	MATERIAL (ASTM)	COMPOSICIÓN QUÍMICA (%)											TENS YIELD ELG REID BHN				
			C	Min	P	S	SI	Ni	Cr	Mo	Cu	V	Cb	KPSI (CVND)	KPSI (1ST)	% (2ND)	% (3RD)	AVG
BODY	WH20621	ASTM A-216/WCB	0.206	0.974	0.022	0.017	0.456	0.043	0.049	0.021	0.006	0.001	76.12	41.32	33	57	158	
CUERPO			Normalizado to (Normalizado a) 930 °C															
BONNET	WH23784	ASTM A-216/WCB	0.205	0.952	0.020	0.016	0.441	0.031	0.037	0.024	0.021	0.004	77.43	43.21	29	49	153	
BONETE			Normalizado to (Normalizado a) 930 °C															
WELDC	D5424	ASTM A-217/CA15	0.110	0.790	0.010	0.020	0.890	0.410	12.410	0.025	0.039	0.002	100.19	70.18	25	47	275	
DISCO			Normalizado a (Normalizado to) 970 °C															

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: