



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
 (Fecha) Date

V08C20778
 03/09/2008

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:
 ESTANDARES ULTIMA EDICIÓN)

- 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. AC032A08MAB830000K
 (Codigo)
3" Fig. 5206 F UT WCB, API TRIM No.8 830000K
 Description 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 (SEAL)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	N A N A
PNEUMATIC (PSI) (NEUMATICA)			80 80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUÍMICA (%)				TENS	YIELD	ELG	RED	BHN							
	C	Mn	P	S	SI	Ni	Cr	Mo	Cu	V	Cb	KPSI	KPSI	%	%	AVG
												CVN ₆₀	1ST	2ND	3RD	

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)																	
BONNET	WH22873	ASTM A-216/WCB	0.201	0.862	0.026	0.019	0.439	0.012	0.022	0.032	0.020	0.005								
BONNET	WH22873	ASTM A-216/WCB	Normalized to (Normalized a) 930 °C																	
BODY	WH28318	ASTM A-216/WCB	0.202	0.912	0.029	0.020	0.410	0.047	0.040	0.017	0.016	0.006								
BODY	WH28318	ASTM A-216/WCB	Normalized to (Normalized a) 930 °C																	
WEDGE	WH81475	ASTM A-217/CA15	0.136	0.649	0.026	0.009	0.510	0.088	13.190	0.017	0.021	0.026								
WEDGE	WH81475	ASTM A-217/CA15	Normalized to (Normalized a) 970 °C																	
DISCO			Enfriado en aire. (Enfriado en aire. (C)																	

FAC10-21 REV-3*

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

JESSICA GARCIA