



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

(Numero) Number
 (Fecha) Date

V08C23961
 10/10/2008

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 EDICION)

- 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. AC012A08MAB830000K

(Codigo) 2" Fig. 5206 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)	1125	1125	N A
PNEUMATIC (PSI) (NEUMATICA)			80

CHEMICAL COMPOSITION (%)

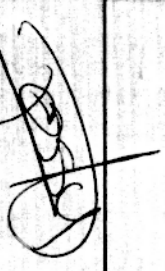
ITEM (PART)	HEAT No. (COLDADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI CVM@)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)	
BONNET	WH22839	ASTM A-216/WCB	0.200	0.912	0.032	0.028	0.479	0.017	0.047	0.008	0.052	0.004		74.67	44.66	29	49	166	
BONNET	WH19074	ASTM A-216/WCB	0.188	0.950	0.015	0.026	Temper to (Temple a) 920 °C	0.423	0.040	0.032	0.009	0.006	0.001	72.79	41.33	34	53	156	
WEDGE DISCO	D0019	ASTM A-217/CA15	0.120	0.780	0.026	0.015	Normalized to (Normalizado a) 930 °C	0.870	0.840	12.390	0.025	0.030	0.005	99.18	71.49	24	46	273	
							Temple a (Temper to) 630 °C												

MECHANICAL TESTS (PROP. MECANICAS)

FAC10-21 REV 3*

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: QUALITY ASSURANCE


 JESSICA GARCIA