



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 V07C27863
 (Fecha) Date 29/01/2008

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 PRUBADO 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 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. AC041A08MAB

(Codigo) 4" 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 SEMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

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

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICION QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	Ni	Cr	Mo	Cu	V	Cb	TENS (KSI CVN@)	YIELD (KSI IST)	ELG (%) 2ND	RED (%) 3RD	BHN AVG
BONNET	WH19448	ASTM A-216/WCB	0.195	0.890	0.021	0.014	0.455	0.042	0.046	0.018	0.015	0.002		79.46	51.62	35	51	161
BONNET	WH20534	ASTM A-216/WCB	0.207	0.963	0.029	0.009	0.474	0.051	0.046	0.021	0.042	0.004		77.72	46.98	36	50	153
WEDGE DISCO	D2973	ASTM A-217/CA15	0.120	0.840	0.016	0.016	1.010	0.740	12.200	0.032	0.081	0.002		99.76	69.31	26	45	270

FACI0-21 REV "2"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Sandra Ruiz