



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 V08C21543
 (Fecha) Date 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:
 (CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES 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, ANF 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. AC031A08MAA8300000

(Codigo) 3" Fig. 5202 F UT WCB, API TRIM No.8 8300000

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

VALVE WITH LOW EMISSION CONTROL (VALVULA SEMINSTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	1	2
PNEUMATIC (PSI) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUIMICA (%)					MECHANICAL TESTS (PROP. MECANICAS)										
	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI)	YIELD (KPSI)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)

ITEM (PART) (CODIGO)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)													MECHANICAL TESTS (PROP. MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI)	YIELD (KPSI)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)		
BONNET BONETE	WH22822	ASTM A-216 WCB	0.196	0.896	0.026	0.020	0.518	0.010	0.043	0.040	0.050	0.001		77.29	45.68	25	49	162		
BODY CUERPO	WH2696	ASTM A-216 WCB	0.195	0.935	0.031	0.025	0.490	0.015	0.025	0.005	0.005	0.001		74.39	42.78	28	50	154		
WEDGE DISCO	D3313	ASTM A-217/CA15	0.100	0.870	0.017	0.019	0.890	0.140	12.680	0.019	0.032	0.003		100.48	69.89	28	44	271		

FACIO-21 REV-3*

CERTIFICADO POR: ASSEGURAMIENTO DE CALIDAD

CERTIFIED BY: 
 JESSICA GARCIA

QUALITY ASSURANCE