



Industrial de Valvulas, S.A de C.V.  
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol  
 Tepozotlan, Estado de México C.P. 54600

(Numero) Number V08C341  
 (Fecha) Date 05/11/2008

## 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 PRABADO 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 610 - 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. AC141A08MAA8300000

(Codigo) 14" Fig. 5202 F UT WCB, API TRIM No.8 8300000

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 FLUJIVAS A 50 PPM'S MAX )

PRESSURE TEST (PRUEBAS DE PRESSION)	SHELL (CASCO)	BACK (SENT)	SIDE (LADO)
HYDROSTATIC (PSI)	450	450	315
PNEUMATIC (PSI) (NEUMATICA)			80
			80

### MECHANICAL TESTS (PROP. MECANICAS)

### CHEMICAL COMPOSITION (%)

### COMPOSICION QUIMICA (%)

ITEM (PARTES)	HEAT No. (COLADAN)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Ce	TENS (KPSI CVN50)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN
BONNET (BONETE)	WH65127	ASTM A-216/WCB	0.198	0.913	0.031	0.021	0.421	0.009	0.046	0.005	0.005	0.004	0.004	74.53	42.49	25	49	165
BODY (CUERPO)	WH65934	ASTM A-216/WCB	0.190	0.836	0.026	0.016	0.482	0.025	0.041	0.006	0.034	0.003	0.003	79.32	48.72	35	50	156
WEDGE (DISCO)	12218	ASTM A-216/WCB	0.230	0.790	0.014	0.006	0.520	0.090	0.160	0.001	0.000	0.000	0.000	80.97	42.20	29	44	170

FACTO-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: QUALITY ASSURANCE

  
 JESSICA GARCIA