



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

(Numero) Number V08C4493
 (Fecha) Date 28/03/2008

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)

- 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. **AC082A08MAA**

(Codigo) **8" Fig. 5206 F UT WCB, API TRIM No.8 8300000**

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 (SEÑAL)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	815	815
PNEUMATIC (PSID) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)														
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb				
BONNET	WH20231	ASTM A-216/WCB	0.205	0.885	0.034	0.009	0.542	0.044	0.043	0.022	0.032	0.001	73.95	50.75	34	53	162
BONNET	WH20231	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C						Cooled in air (Enfriado en aire)				
BODY	WH164942	ASTM A-216/WCB	0.192	0.908	0.037	0.018	0.499	0.022	0.075	0.007	0.031	0.006	74.67	41.90	25	44	155
BODY	WH164942	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C						Cooled in air (Enfriado en aire)				
WEDGE	WH181605	ASTM A-217/CA15	0.139	0.646	0.033	0.014	0.754	0.990	13.390	0.017	0.027	0.025	101.07	71.63	24	42	287
WEDGE	WH181605	ASTM A-217/CA15	Normalized a (Normalizado to) 970 °C				Temple a (Temple to) 630 °C						Enfriado en aire (Enfriado en aire)				

FACI0-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: Sandra Ruiz