



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 V07C23204
 (Fecha) Date 01/11/2007

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.)

- 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 602 - PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK
- ANSI B16-11 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
- API 600 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- ANSI B16-34 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. **AC081A08MAA**
 (Codigo)
 Description **8" Fig. 5202 F UT WCB, API TRIM No.8 8300000**
 Descripción **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)	
	450	450	1	2
HYDROSTATIC (PSI) (HI-DROSTATICA)	450	450	315	315
PNEUMATIC (PSI) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)

ITEM (PART)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)											MECHANICAL TESTS (PROP. MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CNSI@	YIELD KPSI IST	ELG %	RED %	BHN AVG
BONNET	WH24392	ASTM A-216/WCB	0.213	0.952	0.029	0.021	0.417	0.015	0.022	0.027	0.178	0.005		80.91	53.21	32	57	158
BONNET	WH19794	ASTM A-216/WCB	0.197	0.980	0.024	0.018	0.453	0.037	0.065	0.020	0.011	0.004		77.72	47.56	32	47	160
CUERPO	WH81561	ASTM A-217/CA15	0.139	0.721	0.037	0.013	0.456	0.210	13.460	0.005	0.020	0.001		101.21	71.92	24	40	297
DISCO			Normalizado a (Normalized to) 970 °C															

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
 CERTIFIED BY: QUALITY ASSURANCE

 Sandra Ruiz
 FACI0-21 REV "2"