



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

(Numero) Number
 (Fecha) Date

V07C25805
 11/12/2007

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 PRABADO 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 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. AC041A08MAA

(Codigo) 4" 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 1	(LADO) 2
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	W	TENS KPSI CVN50	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
BONNET BONETE	WH23525	ASTM A-216/WCB	0.215	0.951	0.030	0.020	0.501	0.012	0.029	0.020	0.069	0.004		75.98	47.27	30	43	151
BODY CUERPO	WH20720	ASTM A-216/WCB	0.214	0.978	0.024	0.021	0.504	0.051	0.048	0.018	0.005	0.001		82.21	48.28	31	42	155
WEDGE DISCO	WH81135	ASTM A-217/CA15	0.128	0.531	0.033	0.011	0.633	0.099	13.080	0.023	0.010	0.001	0.000	102.23	73.81	29	40	287

Normalized a (Normalizado a) 930 °C
 Normalized a (Normalizado a) 920 °C
 Normalized a (Normalizado a) 970 °C
 Temper to (Temper a) 650 °C
 Temper to (Temper a) 650 °C
 Temper to (Temper to) 630 °C
 Cooled in air (Cooled in air) (Enfri) (Enfriado en aire)
 Cooled in air (Cooled in air) (Enfri) (Enfriado en aire)
 Temple a (Temper to) 630 °C (Enfriado en aire) (Enfriado en aire) (C)


 Sandra Ruiz