



WALWORTH
Since 1842

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

(Numero) Number
(Fecha) Date

V07C37878
10/12/2007

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 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. AC011A08MAB

(Codigo) 2" Fig. 5202 F UT WCB, API TRIM No.8 830000K

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)

TEST	PSI	THICKNESS	WELDING	ENDS
PRESSURE TEST (PRUEBAS DE PRESSION)	450	450	N/A	N/A
HYDROSTATIC (PSD) (HIDROSTATICA)	450	450	N/A	N/A
PNEUMATIC (PSD) (NEUMATICA)	80	80		

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUÍMICA (%)

ITEM (PARTE) (COLADA)	HEAT No. (ASTM)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS (KSI) (CVN@)	YIELD (KSI) (IST)	ELG (%) (2ND)	RED (%) (3RD)	BHN (AVG)
BONNET BONETE	WH24916	ASTM A-216/WCB	0.205	0.914	0.035	0.016	0.390	0.006	0.036	0.013	0.024	0.007		71.78	40.17	36	51	153
BODY CUERPO	WH21594	ASTM A-216/WCB	0.198	0.859	0.024	0.015	0.409	0.048	0.063	0.024	0.040	0.005		80.48	49.45	36	51	151
WEDGE DISCO	D4828	ASTM A-217/CA15	0.090	0.750	0.032	0.016	0.890	0.074	12.140	0.022	0.018	0.003		100.49	68.88	25	47	271

MECHANICAL TESTS (PROP. MECANICAS)

Sandra Rutz