



WALWORTH
Since 1842

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

V07C12920
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.)

- VALVE INSPECTION AND TESTING
- METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- VALVES - FLANGED, THREADED AND WELDING ENDS
- PRESSURE TESTING OF STEEL VALVES
- PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK
- STEEL GATE VALVES, FLANGED AND WELDING ENDS
- FORGED FITTINGS, SOCKET - WELDING AND THREADED
- 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 SEMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUÍMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@a	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET BONETE	WH6529	ASTM A-216/WCB	0.207	0.891	0.024	0.015	0.480	0.030	0.040	0.020	0.040	0.001	0.000	73.52	44.66	29	51	167
BODY CUERPO	WH16090	ASTM A-216/WCB	0.194	0.930	0.025	0.007	0.431	0.044	0.051	0.017	0.017	0.004	0.000	86.13	46.55	29	48	156
WEDGE DISCO	WH81190	ASTM A-217/CA15	0.133	0.654	0.034	0.015	0.531	0.078	13.038	0.041	0.019	0.001	0.000	98.60	70.90	26	45	290

Normalized a (Normalized to) 930 °C
Temper to (Temper a) 650 °C
Enfriado en aire (Enfriado en aire: (C)

Temple a (Temper to) 630 °C

FACIO-21 REV "2"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE

Sandra Ruiz