



WALWORTH
Since 1842

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

(Numero) Number
(Fecha) Date

V07C32222
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 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) (HIDROSTATICA)		N/A	N/A
PNEUMATIC (PSI) (NEUMATICA)		80	80	

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICIÓN QUÍMICA (%)											MECHANICAL TESTS (PROP. MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVM@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET BONETE	W14819	ASTM A-216/WCB	0.200	0.197	0.028	0.027	0.442	0.020	0.060	0.010	0.030	0.001	0.000	77.72	48.86	26	49	170
BODY CUERPO	XS423	ASTM A-216/WCB	0.203	0.994	0.023	0.010	0.532	0.053	0.038	0.018	0.020	0.001		82.36	44.95	31	47	159
WEDGE DISCO	D3882	ASTM A-217/CA15	0.100	0.840	0.024	0.030	0.870	0.680	12.480	0.015	0.043	0.002		99.76	68.73	25	46	275
Normalizado a (Normalized to) 970 °C														Enfriado en aire (Enfriado en aire: (C)				

FACIO-21 REV "2"

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE

Sandra Ruiz