



WALWORTH

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

(Numero) Number
(Fecha) Date

V10C2024
23/02/2010

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)
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 LAST EDITION:

(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 ULTIMA EDICIÓN.)

- | | | | |
|-------------|---|-------------|---|
| API 598 | - VALVE INSPECTION AND TESTING | API 6D | - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK |
| API 599 | - METAL PLUG VALVES - FLANGED, THREADED AND WELDING | API 600 | - STEEL GATE VALVES, FLANGED AND WELDING ENDS |
| ANSI B16-10 | - FACE TO FACE AND END TO END DIMENSIONS OF VALVES | ANSI B16-11 | - FORGED FITTINGS, SOCKET - WELDING AND THREADED |
| ANSI B16-34 | - VALVES - FLANGED, THREADED AND WELDING ENDS | API 602 | - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS |
| MSS-SP61 | - PRESSURE TESTING OF STEEL VALVES | | |

Part No. AC121A08MAA8300000
(Código)
Description 12" Fig. 5202 F UT WCB, API TRIM No.8 8300000
Descripción CAST STEEL GATE VALVE 150 CLASS
(VALVULA COMPUERTA DE ACERO FUNDIDO CLASE 150)

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)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	315	315
PNEUMATIC (PSD) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUIMICA (%)

TENS YIELD ELG RED BHN
KPSI CVN_a KPSI 1ST % 2ND % 3RD AVG

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS	YIELD	ELG	RED	BHN
BODY CUERPO	WH66452	ASTM A-216/WCB	0.197	0.900	0.029	0.014	0.469	0.059	0.080	0.010	0.037	0.006		74.53	45.97	26	46	166
Normalized to (Normalizado a) 930 °C						Temper to (Temple a) 650 °C			Cooled in air.(Cooled in air. (Enfr									
BONNET BONETE	WH66281	ASTM A-216/WCB	0.202	0.890	0.035	0.019	0.500	0.058	0.079	0.015	0.033	0.004		75.55	44.52	26	47	153
Normalized to (Normalizado a) 930 °C						Temper to (Temple a) 650 °C			Cooled in air.(Cooled in air. (Enfr									
WEDGE DISCO	WH81648	ASTM A-217/CA15	0.141	0.864	0.023	0.012	0.616	0.096	13.060	0.023	0.026	0.021		99.18	68.59	23	41	299
Normalized a (Normalizado to) 970 °C						Temple a (Temper to) 630 °C			Enfriado en aire.(Enfriado en aire. (C									

PLEASA ANAHUAC Y CIA. S.A. DE C.V.
CONTROL DE CALIDAD

FECHA 24 Feb 2010
E437
Firma Enrique Ruiz

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY :
QUALITY ASSURANCE

YOLANDA PONCIANO FIRMA