



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

V08C21433
03/09/2008

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:
ESTANDARES ULTIMA EDICION)

(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 EDICION)

- 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. **AC031A08MAA8300000**

(Codigo) **3" 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 (SEANT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSD) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSD) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)	COMPOSICIÓN QUIMICA (%)										MECHANICAL TESTS (PROP MECANICAS)					
	C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	CB	TENS	YIELD	ELG	RED	BHN

ITEM (PARTES)	HEAT No. (COD.ADN)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)										MECHANICAL TESTS (PROP MECANICAS)					
			C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	CB	TENS	YIELD	ELG	RED	BHN
BONNET BONEITE	WH21122	ASTM A-216/WCB	0.218	0.926	0.026	0.014	0.442	0.051	0.101	0.023	0.012	0.005		71.34	45.82	32	53	153
BODY CUERPO	WH23028	ASTM A-216/WCB	0.194	0.896	0.029	0.028	0.407	0.030	0.012	0.030	0.043	0.001		75.11	45.68	27	46	165
WEDGE DISCO	WH81465	ASTM A-217/CA15	0.118	0.826	0.026	0.017	0.427	0.067	12.810	0.007	0.023	0.001		100.78	68.59	32	57	304

FAC10-21 REV "3"

CERTIFICADO POR ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:

JESSICA GARCIA

QUALITY ASSURANCE