

Department: Chemistry and Environment
 Head of Department: Prof. Dr.-Ing. J. Londong
 Department Manager: Dipl.-Ing. J. Müller

AMTLICHE PRÜFSTELLE
 Akkreditiertes Prüflaboratorium

MFA Weimar
 Coudraystraße 9
 99423 Weimar
 Tel. 03643 / 564 353
 Fax. 03643 / 564 201

Test report no. 0992 - B 31.12.081.01 (en)

Order: Test of a small wastewater treatment system according to EN 12566-3
 Test plant: Wissmann Clear Rex[®], 4 PE for cleaning performance class D+H und D+P
 With series Clear Rex[®] D+P for 4 – 50 PE
 und Clear Rex[®] D+H for 4 – 30 PE

Customer: Wissmann Elektronik GmbH
 Hainekamp 17
 31711 Luhden

Order date: 2011-03-17 and 2012-01-13

Test results: Summary of testing under EN 12566-3 standard
 Testing platform: MFA Weimar, Germany

BOD ₅ - nominal organic load / day*	0,186	kg/d	
Nominal hydraulic load / day (150 l/d per PE = 4 PE)	600	l/d	
Treatment efficiency (nominal sequences)			
Parameters	Influent	Treated effluent	Efficiency
COD	632 mg/l	62 mg/l	89,4 %
BOD ₅	346 mg/l	11 mg/l	96,3 %
NH ₄ -N**	70,3 mg/l	5,0 mg/l	84,6 %
SS	306 mg/l	28 mg/l	88,9 %
Electrical consumption	1,03	kWh/d	

* at a test influent of ≥ 300 mg/l BOD₅ (mean)

** Determined for temperatures $\geq 12,0$ °C in the reactor

All results obtained are applicable to ASWAflow[®] Clear Rex[®] Sequential Batch Reactor units designed in accordance with the manufactures parameters.

In order



Dipl.-Ing. J. Müller
 Head of Test Authority




Dr. E.-P. Kulle
 Deputy Head of Test Authority

Weimar,
 2012-02-29