



Certificate

194.03C08

Otto Graf GmbH

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EN 12566-3, Annex B

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system oneAdvanced

oneAdvanced 8*-10 PE +P, oneAdvanced 10*-14 PE +P, oneAdvanced 12*-16 PE +P, oneAdvanced 16*-22 PE +P
oneAdvanced 20*-28 PE +P, oneAdvanced 25*-32 PE +P, oneAdvanced 32*-44 PE +P, oneAdvanced 42*-50 PE +P

Sequencing batch reactor (SBR) with phosphorous precipitant in a two chamber polypropylene tank

Test report PIA2014-194B16.01.e.03

* Maximum population equivalents (PE) with phosphate removal (+P)

Evaluation of the nominal sequences of the 38-week testing

Nominal organic daily load (influent)	0.24 kg BOD ₅ /d		
Nominal hydraulic daily load	0.75 m ³ /d		
Material	Polypropylene		
Treatment efficiency		Efficiency	Effluent
	COD	93.1 %	47 mg/l
	BOD ₅	96.9 %	10 mg/l
	TN _b **	69.9 %	21 mg/l
	NH ₄ -N**	74.7 %	11 mg/l
	P _{tot}	94.5 %	0.4 mg/l
	SS	96.9 %	11 mg/l

Evaluation of the complete 38-week testing

Electrical consumption 0.7 kWh/d

** determined for temperatures $\geq 12^{\circ}$ C in the bioreactor

Tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

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This document replaces neither the declaration of performance nor the CE marking.



Martina Wermter

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Notified Body
No.: 1739

