



Prüfinstitut für
Abwassertechnik
GmbH

DO PERFORMANCE RESULTS

Otto Graf GmbH

Carl-Zeiss-Str. 2-6, 79331 Teningen, Germany

EN 12566-3

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system KLARO E

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

Test report No. PIA2014-194B16.02

Nominal organic daily load*	0.24	kg/d	
Nominal hydraulic daily load	0.75	m ³ /d	
Treatment efficiency (nominal sequences)		Efficiency	Effluent
		COD	93.1 % 47 mg/l
		BOD ₅	96.9 % 10 mg/l
		SS	96.9 % 11 mg/l
		NH ₄ -N**	74.7 % 11 mg/l
		N _{tot} **	69.9 % 21 mg/l
		P _{tot}	94.5 % 0.4 mg/l
Electrical consumption	0.7	kWh/d	

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

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

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

52074 Aachen, Germany

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



Notified Body
No.: 1739



Certified according to
ISO 9001:2008



Prüfinstitut für Abwassertechnik GmbH
Geprüft - tested - teste

Elmar Lancé

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