



Prüfinstitut für
Abwassertechnik
GmbH

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 polyethylene tank

Test report No. PIA2014-194B16

Nominal organic daily load*	0.75	kg/d		
Nominal hydraulic daily load	0.24	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



Elmar Lancé

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