



Prüfinstitut für
Abwassertechnik
GmbH

PERFORMANCE RESULTS

“August ir Ko” UAB

Juodasis kelias 104A, 11307 Vilnius, Lithuania

EN 12566-3

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system AT

Suspended growth activated sludge process in continuous-flow in a
polypropylene tank

Test report – No PIA2014-215B38

Nominal organic daily load	0.35	kg BOD ₅ /d	
Nominal hydraulic daily load	0.90	m ³ /d	
Material	Polypropylene		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	94.4 %	45.0 mg/l
	BOD ₅	98.2 %	7.0 mg/l
	SS	97.2 %	12.0 mg/l
	NH ₄ -N*	99.5 %	0.2 mg/l
	N _{tot} *	93.2 %	5.6 mg/l
	P _{tot}	93.3 %	0.6 mg/l
Electrical consumption	1.0	kWh/d	

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

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrath 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



Deutsche
Akkreditierungsstelle
D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - testé

Elmar Lancé

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