



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)

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



Deutsche
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Signature
Geprüft - tested - tested

Elmar Lencé

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