



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)	COD	Efficiency 94.4 %	Effluent 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
<i>*determined for temperatures ≥ 12°C in the bioreactor</i>			

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
Akkreditierungsstelle
D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH
(Signature)
geprüft - tested - testé

Elmar Lancé

September 2014