



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	99.2 %	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 ≥ 12°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. 1726



Certified according to
ISO 9001:2008



Prüfinstitut für Abwassertechnik GmbH
[Signature]
Projekt - tested - tested

Elmar Lönne

September 2014