



Prüfinstitut für
Abwassertechnik
GmbH

PERFORMANCE RESULTS

"August ir Ko" UAB

Juodasis kelias 104 A, 11307 Vilnius, Lithuania

EN 12566-3, Annex B

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system AT^{+P}

PP-tank with continuous-flow, suspended growth
activated sludge process with phosphorus removal

Test report PIA2018-333B24

Nominal organic daily load	0.25 kg BOD ₅ /d		
Nominal hydraulic daily load	0.75 m ³ /d		
Material	Polypropylene		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	96.6 %	33 mg/l
	BOD ₅	99.0 %	3 mg/l
	N _{tot} *	88.6 %	6.7 mg/l
	NH ₄ -N*	93.9 %	2.1 mg/l
	P _{tot}	96.4 %	0.2 mg/l
	SS	96.8 %	11 mg/l
Electrical consumption	0.55 kWh/d		
Number of desludging	0**		

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

**with uncontrolled sludge outflow during peak-flow discharges (400 l within 6 minutes)
once a week at a certain sludge content in the system

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



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