



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			

*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.



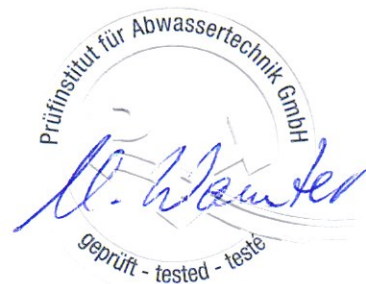
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No. 1739



Certified according to
ISO 9001:2008



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Akkreditierungsstelle
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Martina Wermter

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