



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 <sub>5</sub> /d	
Nominal hydraulic daily load	0.90	m <sup>3</sup> /d	
Material	Polypropylene		
Treatment efficiency (nominal sequences)	COD	Efficiency	Effluent
	BOD <sub>5</sub>	94.4 %	45.0 mg/l
	SS	99.2 %	7.0 mg/l
	NH <sub>4</sub> -N*	97.2 %	12.0 mg/l
	N <sub>tot</sub> *	99.5 %	0.2 mg/l
	P <sub>tot</sub>	93.2 %	5.6 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



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

Elmar Lönne

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