Prüfinstitut für Abwassertechnik GmbH

PERFORMANCE RESULTS

WTE Ltd
Unit 2, Bolton Lane, York, YO41 5QX, United Kingdom

EN 12566-3, Annex B
Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system Vortex 5 *
Activated sludge system in two chambers without primary settlement

Test report PIA2017-301B09

Nominal organic daily load	0.25 kg BOD_5/d		
Nominal hydraulic daily load	0.75 m^3/d		
Material	Polyethylene		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	93.8 %	55 mg/l
	BOD_5	97.3 %	9 mg/l
	NH_4-N*	94.6 %	1.8 mg/l
	SS	95.3 %	17 mg/l
Electrical consumption	1.2 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.: 1739

Certified according to ISO 9001:2008

DAkkS Deutsche Akkreditierungsstelle D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH
geprüft - tested - testé

Elmar Lancé January 2018

* Note: Type Certificate covers Vortex 4 - 30 Range