



Certificate

353.02C02

Kingspan Water & Energy Ltd.

College Road North, Aston Clinton, Aylesbury, HP22 5EW, UK

EN 12566-3, Annex B

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system BioDisc +P

Rotating Biological Contactor (RBC) in a GRP tank with chemical dosing equipment

Test report PIA2019-353B47.02

This test certificate is a revised version of test certificate no. 353.02C01.

Nominal organic daily load (influent)	0.28 kg BOD ₅ /d		
Nominal hydraulic daily load	0.9 m³/d		
Material	GRP		
Treatment efficiency		Efficiency	Effluent
(nominal sequences)	COD	95.9 %	31 mg/l
	BOD ₅	98.0 %	6 mg/l
	N _{tot} *	71.1 %	17.9 mg/l
	NH ₄ -N*	92.1 %	3.0 mg/l
	P _{tot}	95.4 %	0.3 mg/l
	SS	95.6 %	15 mg/l
Electrical consumption	1.5 kWh/d		

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

Performance tested by:

PIA - Prüfinstitut für Abwassertechnik GmbH

Hergenrather Weg 30

52074 Aachen

Germany

This document replaces neither the declaration of performance nor the CE marking.



Martina Wermter

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