

# TREATMENT PERFORMANCE RESULTS

**Kingspan Environmental Ltd.**  
College Rd North, Aston Clinton, Aylesbury, Bucks, GB

**EN 12566-3**

Results corresponding to EN 12566-3 and S.R. 66

PIA-SR66-1610-1116

**BioDisc**

Rotating biological contractor

Nominal organic daily load	0.29 kg/d		
Nominal hydraulic daily load	0.90 m <sup>3</sup> /d		
Material	Glass reinforced plastic		
Watertightness	Pass		
Structural behaviour (Pit Test)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
		COD	88.3 % 73 mg/l
		BOD <sub>5</sub>	93.7 % 20 mg/l
		NH <sub>4</sub> -N	87.2 % 5.0 mg/l
		SS	93.3 % 23 mg/l
Number of desludging	Not more than once		
Electrical consumption	1.5 kWh/d		

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



Prüfinstitut für Abwassertechnik GmbH  
*Elmar Lancé*  
geprüft - tested - testé

Elmar Lancé

December 2016