

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-SR66-1609-1114

BioFicient+

Aerated moving-bed-biofilm reactor

Nominal organic daily load	0.29 kg/d		
Nominal hydraulic daily load	0.9 m ³ /d		
Material	Polyethylene		
Watertightness	Pass		
Structural behaviour (Pit Test)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
		COD	91.2 % 64 mg/l
		BOD ₅	95.0 % 15 mg/l
		NH ₄ -N	84.7 % 5.1 mg/l
		SS	96.0 % 16 mg/l
Number of desludging	Not more than once		
Electrical consumption	0.92 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
[Signature]
Geprüft - tested - testé

Elmar Lancé

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