

Certificate

Nr. 469.01C1

MI Phos-Lite

Module for chemical-physical after-treatment of sewage, tested in combination by use of a gravity operated plant

Marsh Industries Limited

Units 3-13 Addington Park Industrial Est., NN14 4AS Northants, UK

EN 12566-7:2013, Annex A: Tertiary treatment efficiency test

Small wastewater treatment systems for up to 50 PT – Part 7:
Prefabricated tertiary treatment units, chemical / electrical

Detailed results and information on the test are provided in test report PIA2024-T7-469S14.



Extract of performance details (EN 12566-7, Annex A: Tertiary treatment efficiency test)

Organic daily load (influent, nominal)	0.01 kg BOD ₅ /d		
Hydraulic daily load (nominal)	0.9 m ³ /d		
Treatment efficiency (nominal)		Efficiency	Effluent
	COD	56.1 %	23 mg/l
	BOD ₅	59.5 %	4 mg/l
	TN ₅ *	5.5 %	29.6 mg/l
	NH ₄ -N*	24.0 %	0.4 mg/l
	P _{tot}	95.9 %	0.2 mg/l
	SS	61.1 %	4 mg/l
Electrical consumption (nominal)	0.03 kWh/d		
Number of desludging (complete test – 7 weeks)	0		

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

Tested by:
PIA – Prüfinstitut für Abwassertechnik GmbH
Hergenrather Weg 30
52074 Aachen, Germany

This certificate is for information purposes only and replaces neither the related test report nor the declaration of performance or the CE marking.
The results relate only to the tested object.

PIA – Sustainable Certification

geprüft – tested – teste

September 2024, Dipl.-Ing. Gabriel Schatzki
Head of department "Wastewater Testing"



Notified Body
No.: 1739



Certified according to
ISO 9001:2015