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 Industial 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_b*	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 ⩾ 12 ° 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.

[redacted]

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

Notified Body
No.: 1739

Certified according to
ISO 9001:2015