Prüfinstitut für Abwassertechnik GmbH

TREATMENT PERFORMANCE RESULTS

Initial type test performed by **Ingenieurbüro Bokatec** (Treatment system **Aero)**
Distributed by **PPU Umwelttechnik GmbH**
95448 Bayreuth, Germany

EN 12566-3 Annex B

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

PIA-SR66-1904-1024, shared itt

Small wastewater treatment system QuickONE+

Completely aerated SBR treatment process in a one chamber tank (initial type test) in combination with Evergreen tanks

Nominal organic daily load	0.23 kg/d		
Nominal hydraulic daily load	0.75 m³/d		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	93.7 %	48 mg/l
	BOD_5	98.1 %	6 mg/l
	NH_4-N	99.4 %	0.2 mg/l
	SS	95.8 %	17 mg/l
Number of desludging	Not more than once		
Electrical consumption	0.52 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

DAkkS Deutsche Akkreditierungsstelle D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH
geprüft - tested - testé

Martina Wermter June 2019

Prüfinstitut für Abwassertechnik GmbH

TREATMENT PERFORMANCE RESULTS

Evergreen Water Treatment
Boherbue, Co. Cork, Mallow

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

PIA-SR66-1904-1024, shared itt

Biotech GRP-Tank
Grp-tanks for completely aerated SBR treatment process in one chamber in combination with PPU QuickONE+ Kit

Material	Polyethylene (grp)
Watertightness	Pass
Structural behaviour (PIT Test)	Pass (also wet conditions)
Durability	Pass

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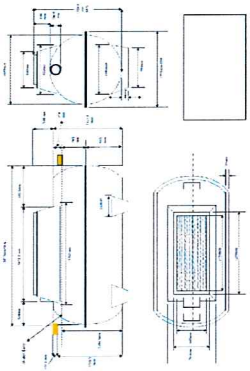
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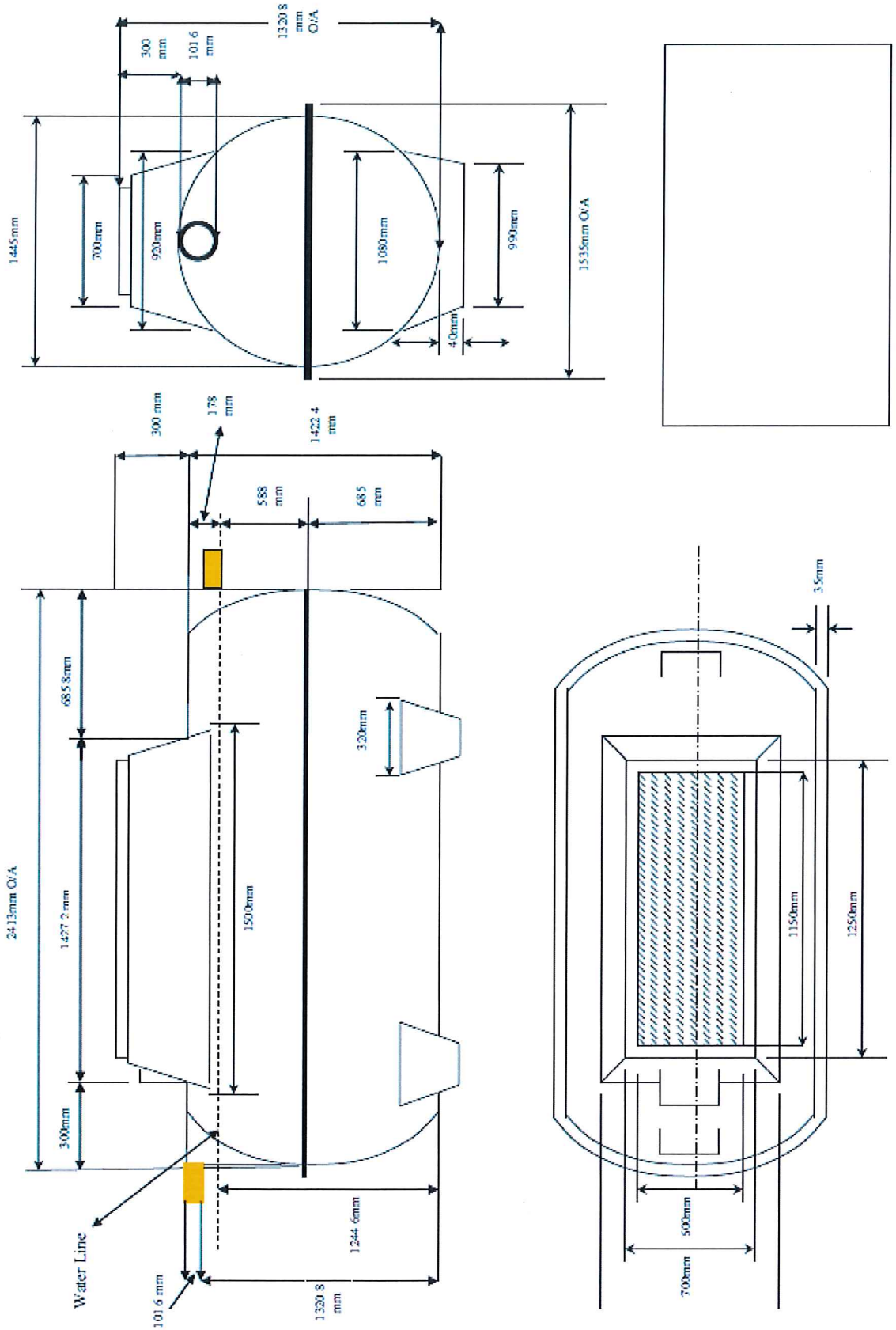
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Daniel Verschitz June 2019

QuickONE+ range shared ITT and its referring test reports:

Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
Initial type test (ITT) 5	Not relevant	Not relevant	Pass PIA2016-273B11	Not relevant	Not relevant
Compared Tank 5 750 l/d		Pass PIA2010-WD-PIT0912-1077	Pass Shared ITT conformity check according to S.R. 66:2015	Pass PIA2010-ST-PIT0912-1077a For wet ground conditions also, 0.3 m installation depth from inlet invert	PIA2019-DH-1904-1024


1320.8 mm O/A
300 mm
101.6 mm
1445mm
700mm
920mm
1080mm
990mm
1535mm O/A
40mm
300 mm
178 mm
1422.4 mm
588 mm
685 mm
685.8mm
320mm
2413mm O/A
1477.2 mm
1500mm
300mm
Water Line
1244.6mm
101.6 mm
1320.8 mm
3.5mm
1150mm
1250mm
500mm
700mm