

Certificate



PIA-SR66-1605-1061.02

Otto Graf GmbH
Carl-Zeiss-Str. 2-6, 79331 Teningen

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

one2clean
SBR plant in one two-zone tank

Nominal organic daily load (influent)	0.27 kg BOD ₅ /d		
Nominal hydraulic daily load	0.75 m ³ /d		
Material	Polypropylene/ Polyethylene		
Watertightness	Pass		
Structural behaviour (Pit Test)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency		Efficiency	Effluent (average)
(nominal sequences)			
	COD	94.8 %	41 mg/l
	BOD ₅	98.1 %	7 mg/l
	TN _b *	87.0 %	7.9 mg/l
	NH ₄ -N*	98.3 %	0.5 mg/l
	P _{tot}	80.0 %	1.6 mg/l
	SS	96.6 %	14 mg/l
Electrical consumption	0.63 kWh/d		
Number of desludging	Not more than once		

* determined for temperatures $\geq 12^{\circ}$ 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.



May 2025

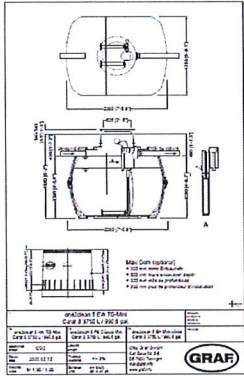
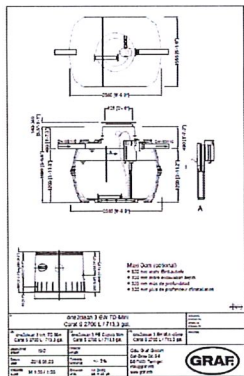
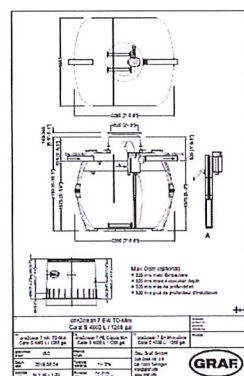


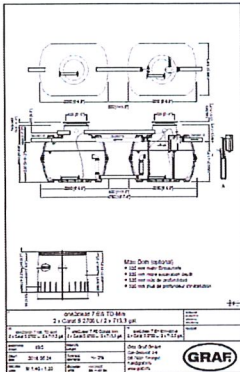
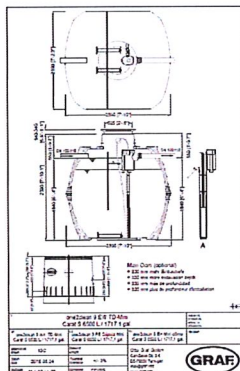
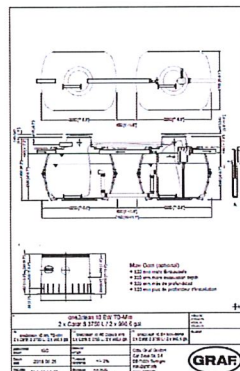
Notified Body
No.: 1739

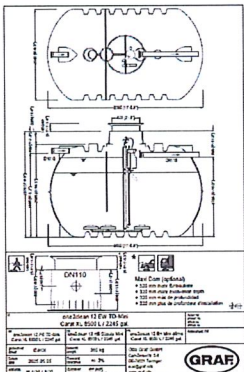
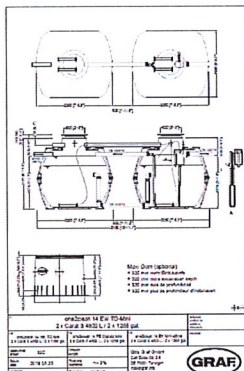
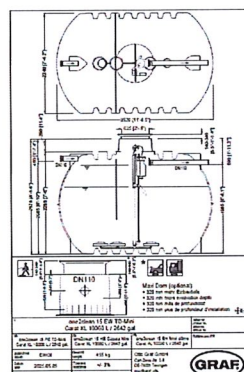


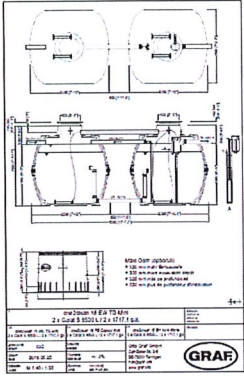
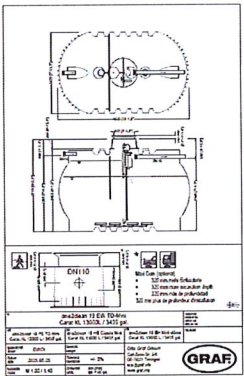
Certified according to
ISO 9001:2015

One2clean range and its referring test reports:

Population Equation (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		Pass PIA2021-WD-2101-1002.03	Pass PIA2014-216B14.03.e	Pass For wet ground conditions also, Installation depth 1.75 m from inlet invert	Pass PIA2016-DH-1509-1050.02
3		Pass PIA2021-WD-2101-1002.03	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, Installation depth 1.75 m from inlet invert	Pass PIA2016-DH-1509-1050.02
7		Pass PIA2021-WD-2101-1002.03	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, Installation depth 1.75 m from inlet invert	Pass PIA2016-DH-1509-1050.02

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7		Pass PIA2021-WD-2101-1002.03	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, Installation depth 1.75 m from inlet invert	Pass PIA2016-DH-1509-1050.02
9		Pass PIA2016-WD-1509-1050.02	Pass Range conformity according to S.R. 66:2015	Pass PIA2016-ST-PIT-1509-1050.02 For wet ground conditions also, Installation depth 1.75 m from inlet invert	Pass PIA2016-DH-1509-1050.02
10		Pass PIA2021-WD-2101-1002.03	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, Installation depth 1.75 m from inlet invert	Pass PIA2016-DH-1509-1050.02

Population Equation (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
12		Pass PIA2010-WD-1005-1027	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, Installation depth 2.15 m from inlet invert	Pass CAPE AT 14-218
14		Pass PIA2021-WD-2101-1002.03	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, Installation depth 1.75 m from inlet invert	Pass PIA2016-DH-1509-1050.02
15		Pass PIA2010-WD-1005-1027	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, Installation depth 2.15 m from inlet invert	Pass CAPE AT 14-218

Population Equation (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
18		Pass PIA2016-WD-1509-1050.02	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, Installation depth 1.75 m from inlet invert	Pass PIA2016-DH-1509-1050.02
19		Pass PIA2023-WD-2302-1011	Pass Range conformity according to S.R. 66:2015	Pass PIA2023-ST-PIT-2302-1011 For wet ground conditions also, Installation depth 2.15 m from inlet invert	Pass CAPE AT 14-218

