

TREATMENT PERFORMANCE RESULTS

Premier Tech Aqua GmbH
Bei der neuen Münze 11, 22145 Hamburg, Germany

EN 12566-3 Annex B
Results corresponding to EN 12566-3 and S.R. 66
PIA-SR66-1602-1019, shared itt

SOLIDO smart
One-chamber SBR system in one PE tank (Initial type test)

Nominal organic daily load	0.30 kg/d		
Nominal hydraulic daily load	0.90 m ³ /d		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
		COD	95.1 % 39 mg/l
		BOD ₅	98.5 % 5 mg/l
		NH ₄ -N	98.0 % 0.7 mg/l
		SS	97.1 % 13 mg/l
Number of desludging	Not more than once		
Electrical consumption	0.81 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



Elmar Lancé

July 2016

TREATMENT PERFORMANCE RESULTS

Limerick Water Treatment Ltd.

Unit 72, Eastlink Business Park, Ballysimon Road, Limerick, Ireland

EN 12566-3 Annex A and C

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

PIA-SR66-1602-1019, shared itt

WTI Concrete Septic Tank

Concrete Tanks for SBR process in combination with Premier Tech
treatment kit SOLIDO smart

Material	Concrete
Watertightness	Pass
Structural behaviour (vertical load test)	Pass (also wet conditions)
Durability	Pass

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

52074 Aachen, Germany

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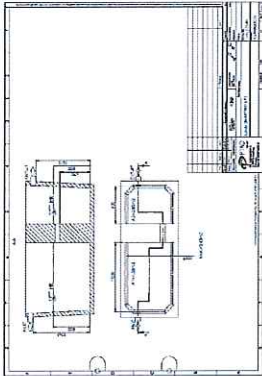
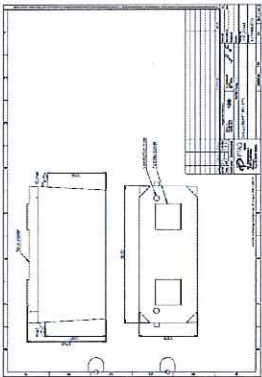


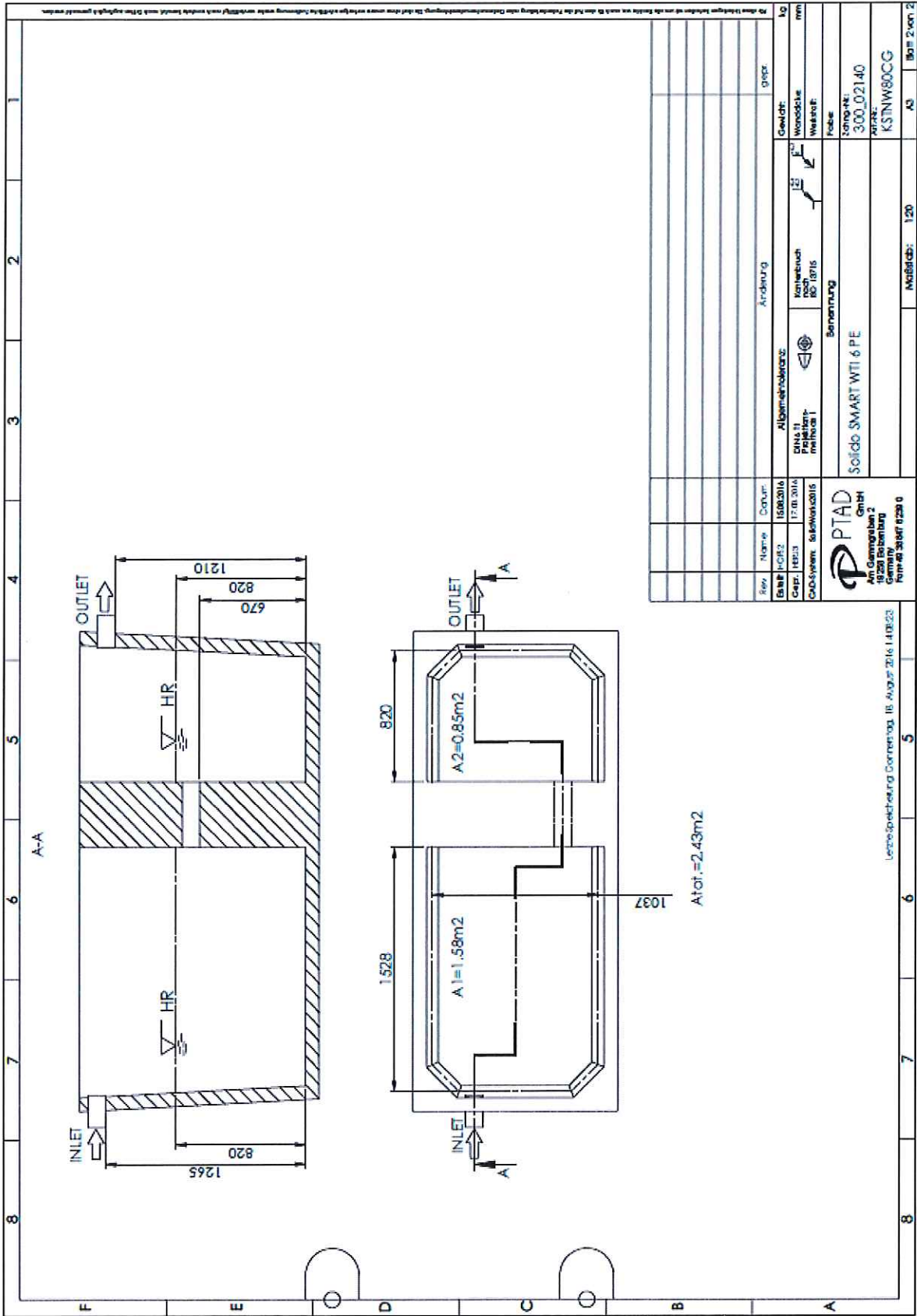
Prüfinstitut für Abwassertechnik GmbH
Elmar Lancé
geprüft - tested - testé

Elmar Lancé

July 2016

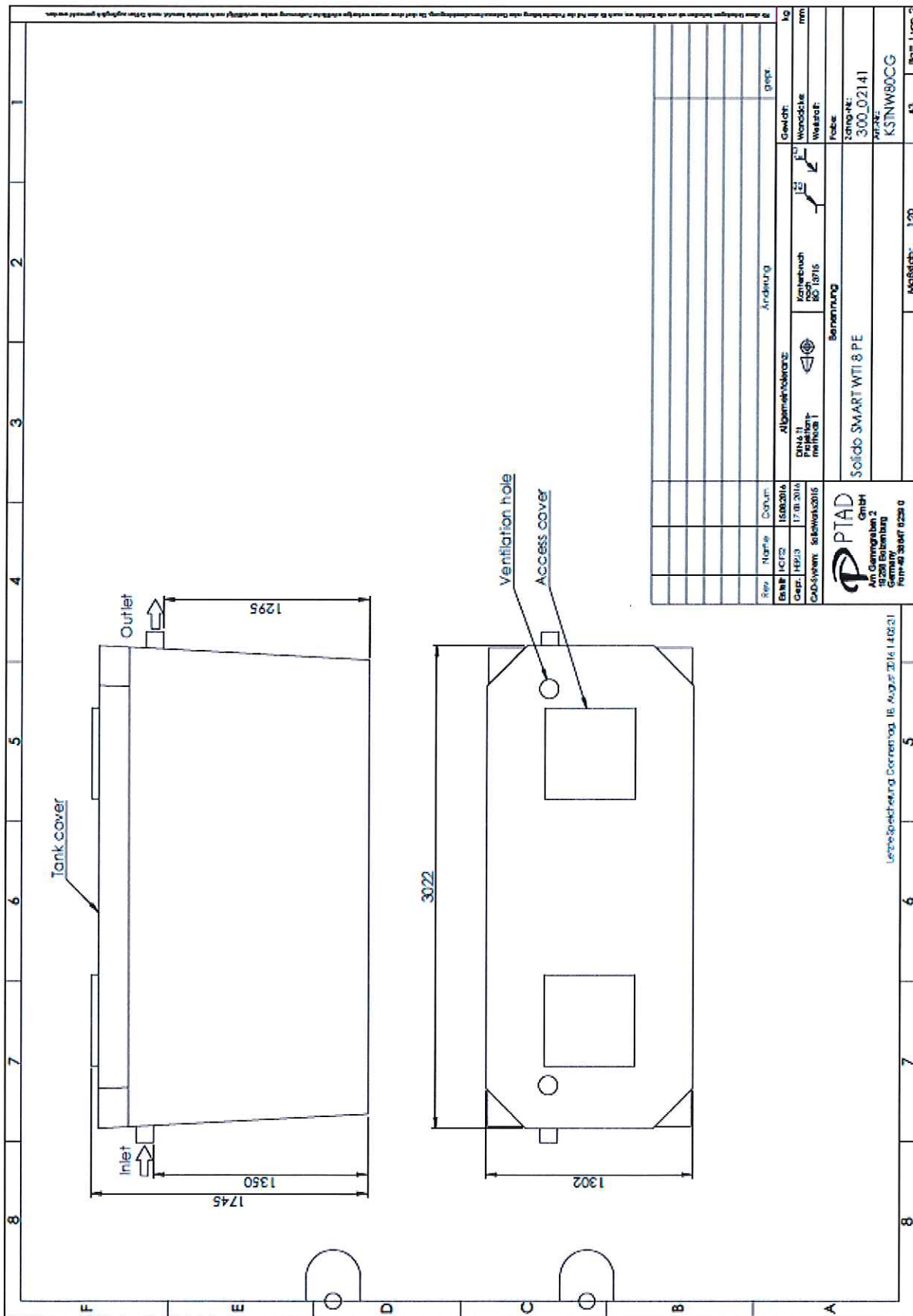
Solido range shared ITT and its referring test reports:

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) 6	Not relevant	Not relevant	Pass PIA2015-239B22.e	Not relevant	Not relevant
Compared Tank 6		Pass PIA2013-WD/NC-1308-1063.01	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, 0.75 m backfill from inlet invert	Pass PIA2016-DH-1602-1019.01
8		Pass PIA2013-WD/NC-1308-1063.01	Pass Range conformity according to S.R. 66:2015	Pass PIA2013-ST-BT-1308-1063./1.01 For wet ground conditions also, 0.75 m backfill from inlet invert	Pass PIA2016-DH-1602-1019.01



Compared tank PE 6

Rev.		Name		Datum		Änderung		gezeichnet	
01		P-CR-2		15.08.2016		Allgemeinbauart		Gewicht:	
		Gepr. 1432/3		17.01.2016		Konterschach nach RD 7876		Wandstärke	
		CAD-System: SolidWorks 2016				DIN EN 12285-1		Weibstärke	
						Benennung		Fläche	
						Solido SMART WTI 6 PE		Schnitzmaß	
						An Gemengebau 2		3.000,02140	
						19220 Biberburg		2016	
						PTAD GmbH		KSTNW80CC	
						Lernspeicherung Donnerstag, 18. August 2016 14:08:23		Maßstab: 1:20	
						Formal 20161729 0		Blatt 2 von 2	



PE 8

Name: KCF20 Datum: 16.08.2016 Gepr.: 19/3 CAD-System: SolidWorks		Allgemeinteil: DIN 9131 Teil 1 Teil 1		Andienung: Korbentwurf: 80/18715 Benennung:		Gewicht: Wandstärke: Weiblich: Probe: Zeichnung: 300_02141 PIAZE: KSTNWS0CG			
Rev. Name Datum 1 16.08.2016 2 17.08.2016 3 16.09.2016				Maßstab: 1:20				Blatt 1 von 2	

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Lizens-Speicherung: Dornenmod. 18. August 2016 14:02:31