

TREATMENT PERFORMANCE RESULTS

Cronin Bio Process Ltd.

Johnstown, Kilmichael, Macroom, Co. Cork, Ireland

EN 12566-3

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

PIA-SR66-1606-1066

Prosafe 8

Submerged fixed film process in two bioreactors

Nominal organic daily load	0.28 kg/d		
Nominal hydraulic daily load	0.90 m ³ /d		
Material	Concrete		
Watertightness	Pass		
Structural behaviour (Crushing resistance)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
		COD	91.7% 63 mg/l
		BOD ₅	95.2 % 15 mg/l
		NH ₄ -N	41.6 % 19 mg/l
		SS	96.5 % 14 mg/l
Number of desludging	Not more than once		
Electrical consumption	1.3 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



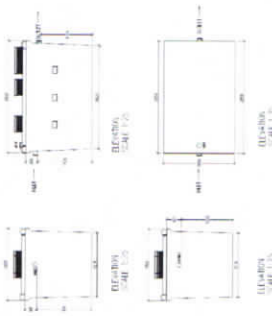
Certified according to
ISO 9001:2008

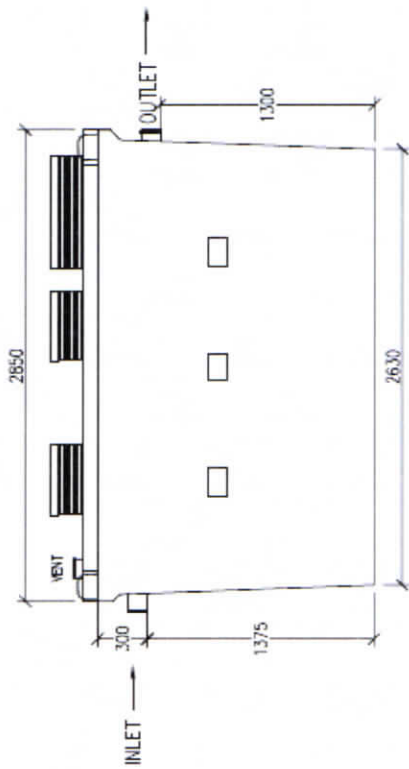


Elmar Lancé

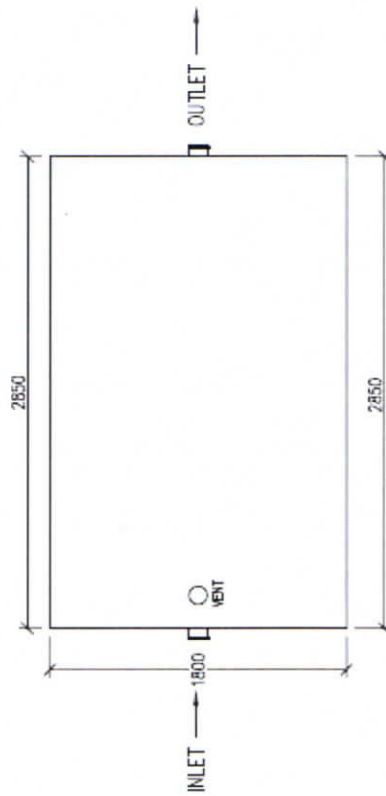
December 2016

Prosafe 8 range and its referring test reports:

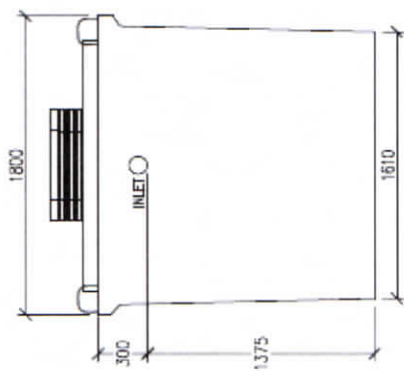
Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
Initial Type Test (ITT) 6		Pass PIA2015-WD-1507-1036.01	Pass PIA2016-258B06	Pass PIA2015-ST-BT-1507-1036.01 For wet ground conditions, 0.95 m installation depth from inlet invert	Pass PIA2017-DH-1507-1036.01



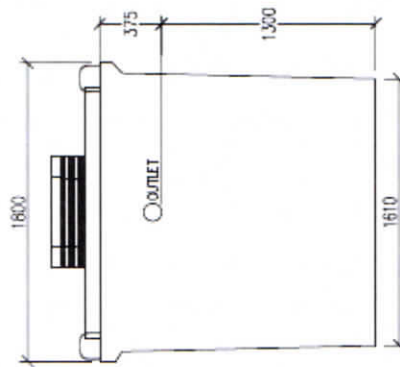
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