



NSAI
Standards

Irish Standard
I.S. EN 12566-3:2016

Small wastewater treatment systems for up to 50 PT - Part 3: Packaged and/or site assembled domestic wastewater treatment plants

I.S. EN 12566-3:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

EN 12566-3:2016

Published:

2016-08-31

This document was published under the authority of the NSAI and comes into effect on:

2016-09-19

ICS number:

13.060.30

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 12566-3:2016 is the adopted Irish version of the European Document EN 12566-3:2016, Small wastewater treatment systems for up to 50 PT - Part 3: Packaged and/or site assembled domestic wastewater treatment plants

Where a part of this EN allows for a choice to be made at national level this is addressed in the National document S.R. 66:2015.

If this standard has been changed (revised/amended/corrected) and the National document has yet to be revised to account for the change(s), the National document for the previous version is available. Judgement by a competent person must be applied if using guidance contained therein.

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This page is intentionally left blank

EUROPEAN STANDARD

EN 12566-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2016

ICS 13.060.30

Supersedes EN 12566-3:2005+A2:2013

English Version

Small wastewater treatment systems for up to 50 PT - Part 3: Packaged and/or site assembled domestic wastewater treatment plants

Petites installations de traitement des eaux usées
jusqu'à 50 PTE - Partie 3: Stations d'épuration des eaux
usées domestiques fabriquées en usine et/ou
assemblées sur site

Kleinkläranlagen für bis zu 50 EW - Teil 3:
Vorgefertigte und/oder vor Ort montierte Anlagen zur
Behandlung von häuslichem Schmutzwasser

This European Standard was approved by CEN on 25 June 2016.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents	Page
European foreword.....	6
1 Scope	8
2 Normative references	8
3 Terms, definitions, symbols and abbreviated terms.....	9
3.1 Terms and definitions	9
3.2 Symbols and abbreviated terms	10
4 Product characteristics.....	11
4.1 Design.....	11
4.1.1 General.....	11
4.1.2 Inlets, outlets, internal pipework and connections.....	11
4.1.3 Access	11
4.1.4 Sizing basis	12
4.1.5 Overall dimensions.....	12
4.2 Load bearing capacity.....	12
4.3 Treatment efficiency.....	13
4.4 Watertightness.....	13
4.4.1 General.....	13
4.4.2 Water test.....	13
4.4.3 Vacuum test.....	13
4.4.4 Pneumatic pressure test.....	13
4.5 Durability	14
4.5.1 General.....	14
4.5.2 Concrete.....	14
4.5.3 Steel.....	14
4.5.4 Unplasticized polyvinyl chloride (PVC-U).....	14
4.5.5 Polyethylene (PE).....	14
4.5.6 Glass reinforced plastic (GRP).....	15
4.5.7 Polypropylene (PP)	16
4.5.8 PDCPD.....	16
4.5.9 Flexible sheets.....	17
4.6 Reaction to fire.....	17
4.6.1 General.....	17
4.6.2 Plants classified as Class A1 without the need for testing.....	17
4.6.3 Plants classified according to the test results.....	18
4.7 Power consumption	18
4.8 Dangerous substances.....	18
5 Testing, assessment and sampling methods	19
5.1 Load bearing capacity.....	19
5.1.1 Generals.....	19
5.1.2 Load bearing capacity determined by calculation.....	19
5.1.3 Load bearing capacity determined by testing	20
5.2 Treatment efficiency.....	22
5.3 Watertightness.....	23
6 Assessment and verification of constancy of performance – AVCP.....	23
6.1 General.....	23

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-