



National Standards Authority of Ireland

IRISH STANDARD

I.S. CEN/TR 12566-2:2005

ICS 13.060.30

**SMALL WASTEWATER TREATMENT
SYSTEMS FOR UP TO 50 PT - PART 2: SOIL
INFILTRATION SYSTEMS**

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TECHNICAL REPORT
RAPPORT TECHNIQUE
TECHNISCHER BERICHT

CEN/TR 12566-2

June 2005

ICS 13.060.30

English version

**Small wastewater treatment systems for up to 50 PT - Part 2:
Soil infiltration systems**

Petites installations de traitement des eaux usées jusqu'à
50 PTE - Partie 2: Systèmes d'infiltration dans le sol

Kleinkläranlagen für bis zu 50 EW - Teil 2:
Bodeninfiltrationssysteme

This Technical Report was approved by CEN on 19 December 2004. It has been drawn up by the Technical Committee CEN/TC 165.

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Foreword

This document (CEN/TR 12566-2:2005) has been prepared by Technical Committee CEN/TC 165 "Wastewater engineering", the secretariat of which is held by DIN.

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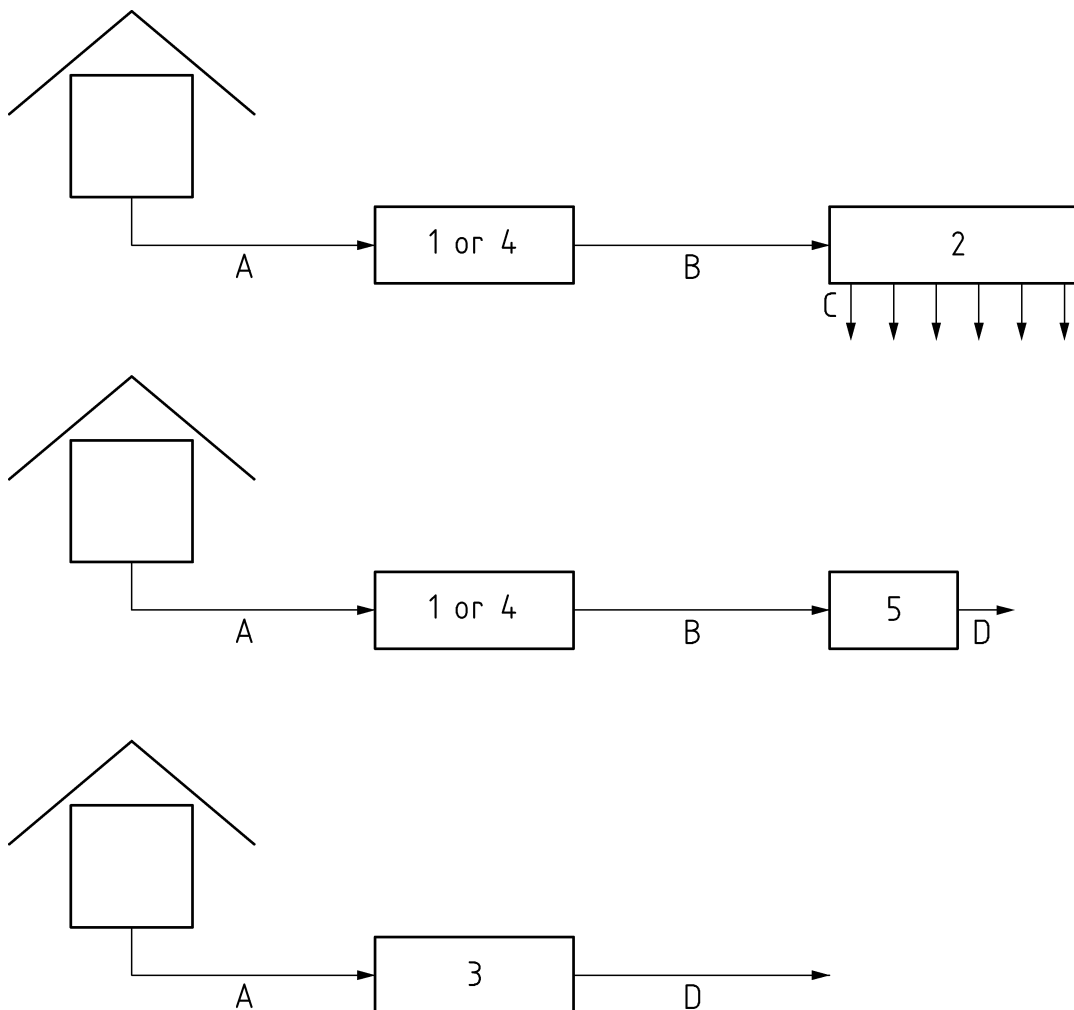
This document is considered as Code of Practice and provides the general requirements for packaged and/or site assembled treatment plants used for domestic wastewater treatment for a total number of inhabitants and population equivalents (PT) ≤ 50 PT (see Clause 1).

EN 12566 with the generic title "Small wastewater treatment systems up to 50 PT" consists of the following parts:

- Part 1: Prefabricated septic tanks (specifies the requirements and laboratory test method for prefabricated septic tank units. Requirements and tests for treatment efficiency are not specified),
- Part 2: Soil infiltration systems (applies for in-situ constructed soil infiltration systems. No treatment requirements are specified; Technical Report),
- Part 3: Packaged and/or site assembled domestic wastewater treatment plants (specifies the requirements and laboratory test method used to evaluate packaged wastewater treatment plants, which are required to treat sewage to a predetermined standard),
- Part 4: Septic tanks built in situ from pre-fabricated kits - Execution standard (in preparation),
- Part 5: Filtration systems (including sand filters) (in preparation),
- Part 6: Test methods for the evaluation of the effectiveness of treatment on users site.

The application of the parts of EN 12566 is shown in the following scheme:

CEN/TR 12566-2:2005 (E)



Key

- | | | | |
|---|--|---|--|
| A | Domestic wastewater (influent) | 2 | Infiltration system (into the ground) (see CEN/TR 12566-2; in preparation) |
| B | Pre-treated wastewater | 3 | Wastewater treatment plant (see prEN 12566-3) |
| C | Infiltration into the ground | 4 | Septic tank built in situ (see prEN 12566-4) |
| D | Outlet of treated wastewater (effluent) | 5 | Filtration systems (see prEN 12566-5) |
| 1 | Prefabricated septic tank (see EN 12566-1) | | |

NOTE National regulations may specify different arrangements between the products described in the standards series EN 12566.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Report: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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