



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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

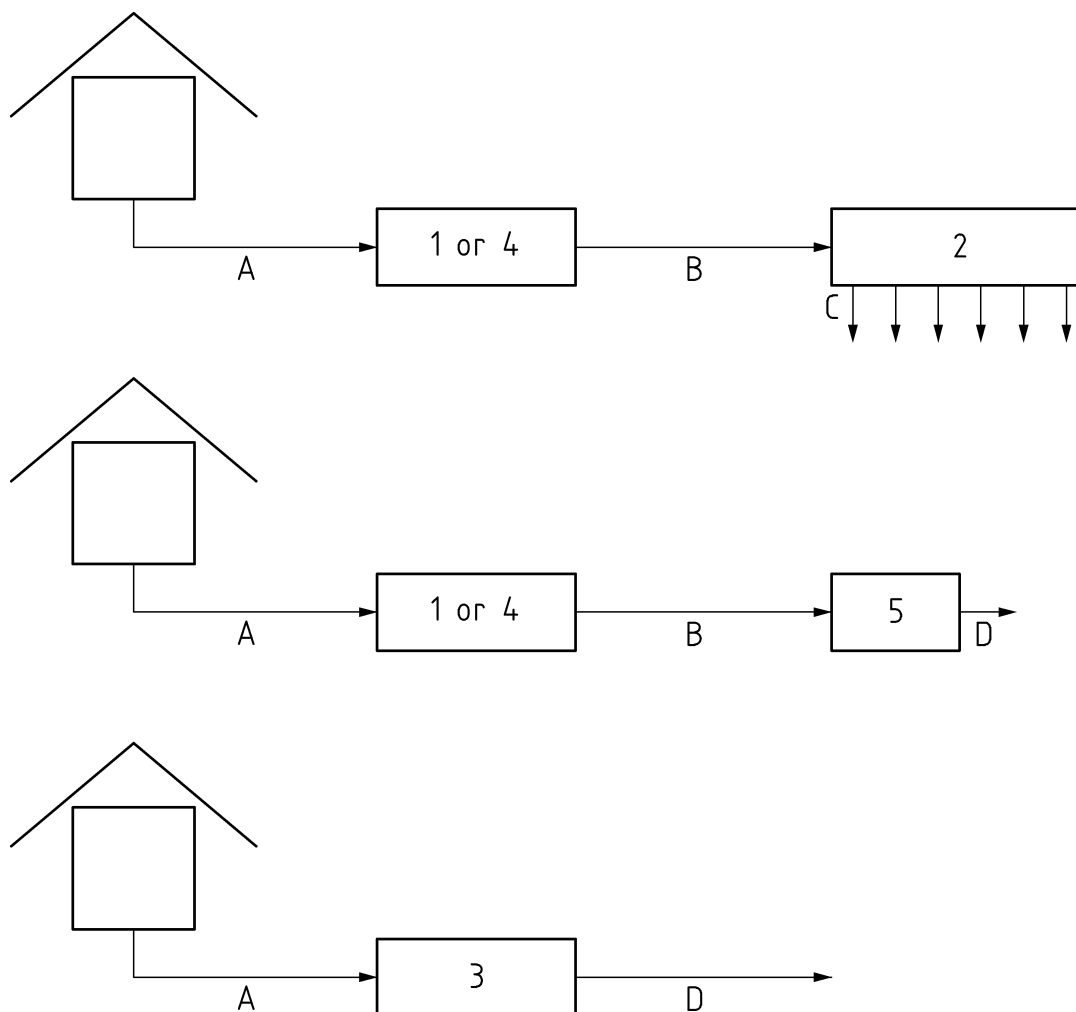
This document is considered as Code of Practice and provides the general requirements for packaged and/or site assembled treatment plants used for domestic wastewater treatment for a total number of inhabitants and population equivalents (PT)  $\leq 50$  PT (see Clause 1).

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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