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National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

**CONDITION OF DRAIN AND SEWER SYSTEMS
OUTSIDE BUILDINGS - PART 1: GENERAL
REQUIREMENTS**

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Condition of drain and sewer systems outside buildings - Part 1: General requirements

Condition des réseaux d'évacuation et d'assainissement à
l'extérieur des bâtiments - Partie 1: Exigences générales

Zustandserfassung von Entwässerungssystemen
außerhalb von Gebäuden - Teil 1: Allgemeine
Anforderungen

This European Standard was approved by CEN on 1 September 2003.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN 13508-1:2003) has been prepared by Technical Committee CEN/TC 165 "Waste water engineering", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2004, and conflicting national standards shall be withdrawn at the latest by May 2004.

The standard series EN 13508 "Condition of drain and sewer systems outside buildings" contains the following parts:

- Part 1: General Requirements
- Part 2: Visual inspection coding system

Other parts, dealing with other inspection methods may be added later.

In drafting this part of this European Standard account has been taken of other available standards, in particular EN 752 "Drain and sewer systems outside buildings".

Annex A of this European Standard is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

EN 13508-1:2003 (E)

1 Scope

This European Standard is applicable to the establishment of the condition of drain and sewer systems by inspection, status codification and consideration of external factors and other information.

It is applicable to drain and sewer systems, which operate essentially under gravity, from the point where the sewage leaves a building or roof drainage system, or enters a road gully, to the point where it is discharged into a treatment works or receiving water. Drains and sewers below buildings are included provided that they do not form part of the drainage system of the building.

This part of the standard specifies general requirements for the establishment of the condition of drain and sewer systems outside buildings.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 752-1:1995, *Drain and sewer systems outside buildings — Part 1: Generalities and definitions.*

EN 752-2:1996, *Drain and sewer systems outside buildings — Part 2: Performance requirements.*

EN 752-5:1997, *Drain and sewer systems outside buildings — Part 5: Rehabilitation.*

EN 752-7:1998, *Drain and sewer systems outside buildings — Part 7: Maintenance and operations.*

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 752-1:1995, and the following apply.

3.1 element

component or group of components of a drain or sewer system which form a structural entity, for example a length of sewer between two manholes, a manhole or an inspection chamber

3.2 extraneous water

unwanted flow in a drain or sewer system
[EN 752-1:1995]

3.3 structural condition

state of a drain or sewer in matters relating to the integrity of its fabric
[EN 752-5:1997]

3.4 rehabilitation

all measures for restoring or upgrading the performance of existing drain and sewer systems
[EN 752-1:1995]

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