

Irish Standard I.S. EN 14654-2:2021

Drain and sewer systems outside buildings - Management and control of activities - Part 2: Rehabilitation

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I.S. EN 14654-2:2021

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National Foreword

I.S. EN 14654-2:2021 is the adopted Irish version of the European Document EN 14654-2:2021, Drain and sewer systems outside buildings - Management and control of activities - Part 2: Rehabilitation

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EUROPEAN STANDARD

EN 14654-2

NORME EUROPÉENNE

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January 2021

ICS 93.030

Supersedes EN 14654-2:2013

English Version

Drain and sewer systems outside buildings - Management and control of activities - Part 2: Rehabilitation

Réseaux d'évacuation et d'assainissement à l'extérieur des bâtiments - Gestion et contrôle des activités opérationnelles - Partie 2: Réhabilitation Entwässerungssysteme außerhalb von Gebäuden -Management und Überwachung von Maßnahmen - Teil 2: Sanierung

This European Standard was approved by CEN on 6 December 2020.

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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.

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EN 14654-2:2021 (E)

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European foreword

This document (EN 14654-2:2021) has been prepared by Technical Committee CEN/TC 165 "Wastewater 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of an identical text or by endorsement, at the latest by July 2021, and conflicting national standards shall be withdrawn at the latest by July 2021.

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 supersedes EN 14654-2:2013.

The changes to the text in this document are largely editorial and relate to the separation of the duplicated text. Annex A has also been deleted as this is now incorporated into EN 752:2017. The technical changes made is the addition of 7.5.5 on detailed design of the optimal solution.

EN 14654 consists of the following parts, under the general title *Drain and sewer systems outside* buildings — Management and control of activities:

- Part 1: General
- *Part 2: Rehabilitation*; (the present document)
- Part 3: Drain and sewer cleaning
- Part 4: Control of inputs from users

Other parts, dealing with other activities, may be added later.

In drafting this part of EN 14654, account has been taken of other available standards, in particular EN 752, *Drain and sewer systems outside buildings* and EN 13508 *Investigation and assessment of drain and sewer systems outside buildings*.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 14654-2:2021 (E)

1 Scope

This document establishes requirements for the management and control of activities in drain and sewer systems outside buildings and specifies requirements for development and implementation of work programmes, and the selection of techniques.

This document covers the management and control of rehabilitation activities.

It is applicable to drain and sewer systems from the point where wastewater leaves a building, roof drainage system, or paved area, to the point where it is discharged into a wastewater treatment plant or receiving water body.

Drains and sewers below buildings are included provided that they do not form part of the drainage system of the building.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 752:2017, Drain and sewer systems outside buildings — Sewer system management

EN 13508-1:2012, Investigation and assessment of drain and sewer systems outside buildings — Part: 1: General Requirements

EN 14654-1:2021, Drain and sewer systems outside buildings - Management and control of activities — Part 1: General

EN 16323:2014, Glossary of wastewater engineering terms

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 16323:2014, EN 14654-1: 2021 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at https://www.iso.org/obp
- IEC Electropedia available at http://www.electropedia.org/

NOTE: Certain key definitions from EN 16323:2014 have been repeated below for clarity. The following additional terms used in this document are defined in EN 16323:2014.

- drain
- sewer
- receiving water body
- surface receiving water body
- sewer system
- wastewater treatment plant

3.1

extraneous water

unwanted flow in a drain or sewer system

[SOURCE: EN 16323:2014, definition 2.1.4.7]



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