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Drain and sewer systems outside buildings -Management and control of activities - Part 3: Drain and sewer cleaning



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 14654-3:2021 sisaldab Euroopa standardi EN 14654-3:2021 ingliskeelset teksti.

This Estonian standard EVS-EN 14654-3:2021 consists of the English text of the European standard EN 14654-3:2021.

Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.

This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.

Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 20.01.2021.

Date of Availability of the European standard is 20.01.2021.

Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.

The standard is available from the Estonian Centre for Standardisation and Accreditation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile <u>standardiosakond@evs.ee</u>.

ICS 93.030

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EUROPEAN STANDARD

NORME EUROPÉENNE

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English Version

Drain and sewer systems outside buildings - Management and control of activities - Part 3: Drain and sewer cleaning

Réseaux d'évacuation et d'assainissement à l'extérieur des bâtiments - Gestion et contrôle des activités opérationnelles - Partie 3: Curage des branchements et des collecteurs

Entwässerungssysteme außerhalb von Gebäuden -Management und Überwachung von Maßnahmen - Teil 3: Kanalreinigung

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

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, 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 United Kingdom.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 03 February 2021.



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

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European foreword

This document (EN 14654-3:2021) 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, together with EN 14654-1:2021 supersedes EN 14654-1:2014.

The changes to the text in this document are largely editorial and relate to the separation of the duplicated text.

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
- Part 3: Drain and sewer cleaning (the present document)
- 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 building* 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.

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 drain and sewer cleaning.

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, Drain and sewer systems outside buildings - Sewer system management

EN 1829-1, High pressure water jet machines - Safety requirements - Part 1: Machines

EN 1829-2, High-pressure water jet machines - Safety requirements - Part 2: Hoses, hose lines and connectors

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