

Elektripaigaldiste torusüsteemid. Osa 2-4: Erinõuded maa-alustele paintedorusüsteemidele

Conduit systems for electrical installations - Part 2-4:
Particular requirements for conduit systems buried
underground

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 50086-2-4:2001 sisaldab Euroopa standardi EN 50086-2-4:1994 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 19.03.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 50086-2-4:2001 consists of the English text of the European standard EN 50086-2-4:1994.</p> <p>This document is endorsed on 19.03.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This standard specifies requirements and tests for conduit systems buried underground including conduits and conduit fittings for the protection and management of insulated conductors and/or cables in electrical installations or in communication systems. This standard applies to metallic, non-metallic and composite systems including threaded and non-threaded entries which terminate the system.</p>	<p>Scope:</p> <p>This standard specifies requirements and tests for conduit systems buried underground including conduits and conduit fittings for the protection and management of insulated conductors and/or cables in electrical installations or in communication systems. This standard applies to metallic, non-metallic and composite systems including threaded and non-threaded entries which terminate the system.</p>
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ICS 29.120.10

Võtmesõnad: conduit buried underground, electric wiring system, electrical characteristics, mechanical characteristics, test

UDC 621.315.2:696.6

Descriptors: Electric wiring system, conduit buried underground, mechanical characteristics, electrical characteristics, test

English version

**Conduit systems for electrical installations
Part 2-4: Particular requirements for conduit systems
buried underground**

Systèmes de conduits pour installations
électriques
Partie 2-4: Règles particulières pour
les systèmes de conduits enterrés
dans le sol

Elektroinstallationsrohrsysteme für
elektrische Installationen
Teil 2-4: Besondere Anforderungen
für erdverlegte Elektroinstallations-
rohrsysteme

This European Standard was approved by CENELEC on 1993-09-22. CENELEC 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 Central Secretariat or to any CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

This European Standard has been prepared by CENELEC Technical Committee TC 113, Cable Management Systems.

This Part 2-4 specifies particular requirements for conduit systems buried underground.

A conduit system which conforms to this standard, is deemed safe for use.

The text of this standard was submitted to the formal vote and was approved by CENELEC as EN 50086-2-4 on 1993-09-22.

The following dates were fixed.

- latest date of publication of an identical national standard (dop) 1994-10-01
- latest date of withdrawal of conflicting national standards (dow) 1994-10-01

For products which have complied with the relevant national standard before 1994-10-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1999-10-01.

This Part 2-4 supplements or modifies the corresponding clauses of EN 50086-1:1993, Conduit systems for electrical installations, Part 1: General requirements.

Where a particular clause or subclause of Part 1 is not mentioned in this Part 2-4, that clause or subclause applies as far as is reasonable. Where this Part 2-4 states "addition", "modification" or "replacement", the relevant text of Part 1 is to be adapted accordingly.

Subclauses and figures which are in addition to those in Part 1 are numbered starting with 101.

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1 Scope

Replacement:

This standard specifies requirements and tests for conduit systems buried underground including conduits and conduit fittings for the protection and management of insulated conductors and/or cables in electrical installations or in communication systems. This standard applies to metallic, non-metallic and composite systems including threaded and non-threaded entries which terminate the system.

Conduit systems which are used as an integral part of other equipment shall also be tested according to the relevant specification for that equipment.

2 Normative references

This clause of part 1 is applicable except as follows:

EN 60423 (in process)	Not applicable
IEC 670	Not applicable

Addition:

ISO 161-1:1978	Thermoplastic pipes for the transport of fluids - Nominal outside diameters and nominal pressures - Part 1: Metric series
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3 Definitions

This clause of part 1 is applicable except as follows:

Addition:

3.101 multiwall conduit: A conduit consisting of several walls which may be a combination of plain and / or corrugated walls.

4 General requirements

This clause of part 1 is applicable.

5 General conditions for tests

This clause of part 1 is applicable.

6 Classification

This clause of part 1 is applicable except as follows: