

MADALPINGELISED ELEKTRIPAIGALDISED. OSA 7-704:
NÕUDED ERIPAIGALDISTELE JA -PAIKADELE.
EHITUSPAIKADE PAIGALDISED

Low voltage electrical installations - Part 7-704:
Requirements for special installations or locations -
Construction and demolition site installations (IEC
60364-7-704:2017, modified)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-HD 60364-7-704:2018 sisaldab Euroopa standardi HD 60364-7-704:2018 ingliskeelset teksti.	This Estonian standard EVS-HD 60364-7-704:2018 consists of the English text of the European standard HD 60364-7-704:2018.
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.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.05.2018.	Date of Availability of the European standard is 18.05.2018.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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English Version

**Low voltage electrical installations - Part 7-704: Requirements
for special installations or locations - Construction and demolition
site installations
(IEC 60364-7-704:2017 , modified)**

Installations électriques basse tension - Partie 7-704:
Exigences pour les installations ou emplacements spéciaux
- Installations de chantiers de construction et de démolition
(IEC 60364-7-704:2017 , modifiée)

Errichten von Niederspannungsanlagen - Teil 7-704:
Anforderungen für Betriebsstätten, Räume und Anlagen
besonderer Art - Baustellen
(IEC 60364-7-704:2017 , modifiziert)

This Harmonization Document was approved by CENELEC on 2017-05-02. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document at national level.

Up-to-date lists and bibliographical references concerning such national implementations may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 64/2155/FDIS, future edition 3 of IEC 60364-7-704:2017, prepared by IEC/TC 64 "Electrical installations and protection against electric shock" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as HD 60364-7-704:2018.

A draft amendment, which covers common modifications to IEC 60364-7-704 (64/2155/FDIS), was prepared by CLC/TC 64 "Electrical installations and protection against electric shock" and approved by CENELEC.

The following dates are fixed:

- latest date by which this document has to be implemented (dop) 2018-11-18
at national level by publication of an identical
national standard or by endorsement
- latest date by which the national standards conflicting with (dow) 2021-05-18
this document have to be withdrawn

HD 60364-7-704:2018 supersedes HD 60364-7-704:2007.

Annexes which are additional to those in IEC 60364-7-704:2017 are prefixed "Z".

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

Introduction

For the purpose of this part, the requirements of HD 60364/HD 384 apply.

The Parts 7XX of HD 60364 contain particular requirements for special installations or locations which are based on the requirements of the general parts of HD 60364 (Part 1, Part 4, Part 5 and Part 6). These Parts 7XX have to be considered in conjunction with the requirements of the general parts.

The particular requirements of this part of HD 60364 supplement, modify or replace certain of the requirements of the general parts of HD 60364 being valid at the time of publication of this part.

The absence of reference to the exclusion of a part or a clause of a general part means that the corresponding clauses of the general part are applicable (undated reference).

Requirements of other Parts 7XX being relevant for installations covered by this part also apply. This part may therefore also supplement, modify or replace certain of these requirements valid at the time of publication of this part.

The clause numbering of this part follows the pattern and corresponding references of HD 60364. The numbers following the particular number of this part are those of the corresponding parts, or clauses of HD 60364 being valid at the time of publication of this part as indicated in the normative references of this document (dated reference).

If additional requirements or explanations are needed which have no direct relation to general parts or other Parts 7XX the numbering of such clauses are stated as 712.101, 712.102, 712.103 etc.

NOTE In the case where new or amended general parts with modified numbering were published after this part was issued, the clause numbers referring to a general part in this Part 704 may no longer align with the latest edition of the general part. Dated references should be observed.

704.1 Scope

The requirements of this part apply to installations for construction and demolition sites for use during the period of the construction or demolition work which are intended to be taken out of service upon completion of the works. Examples include the following:

- construction work of new buildings;
- repair, alteration, extension or demolition of existing buildings or parts of existing buildings;
- engineering works;
- earthworks;
- work of similar nature.

The requirements apply to fixed or moveable installations.

The requirements do not apply to installations in administrative locations of construction sites (e.g. offices, cloakrooms, meeting rooms, canteens, restaurants, dormitories, toilets).

704.2 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.

IEC 60245-4, *Rubber insulated cables – Rated voltages up to and including 450/750 V – Part 4: Cords and flexible cables*

EN 60309-1, *Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements*

EN 60309-2, *Plugs, socket-outlets and couplers for industrial purposes – Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories*

HD 60364 (all parts), *Low voltage electrical installations*

HD 60364-4-41:2007, *Low-voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock*

HD 60364-5-537:2016, *Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching*

EN 61439-4, *Low-voltage switchgear and controlgear assemblies – Part 4: Particular requirements for assemblies for construction sites (ACS)*

704.3 Terms and definitions

No terms and definitions are listed in this document.

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

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

704.30 Assessment of general characteristics

704.30.101 The clearances for overhead lines above construction sites shall be agreed with the owner of the overhead power line, on the basis of the dimensions of the construction site machines, such as cranes, and equipment, such as ladders and scaffolding, to be used.