

**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

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-HD 60364-7-704:2007 sisaldab Euroopa standardi HD 60364-7-704:2007+AC:2008 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 13.12.2004 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 31.01.2007.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-HD 60364-7-704:2007 consists of the English text of the European standard HD 60364-7-704:2007+AC:2008.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 13.12.2004 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 31.01.2007.</p> <p>The standard is available from Estonian standardisation organisation.</p>
--	---

ICS 29.020, 91.140.50

**Võtmesõnad:** ehitis, ehituspaik, elektripaigaldis

### Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:  
Aru 10 Tallinn 10317 Eesti; [www.evs.ee](http://www.evs.ee); Telefon: 605 5050; E-post: [info@evs.ee](mailto:info@evs.ee)

English version

**Low-voltage electrical installations -  
Part 7-704: Requirements for special installations or locations -  
Construction and demolition site installations  
(IEC 60364-7-704:2005, modified)**

Installations électriques basse tension -  
Partie 7-704: Exigences pour les  
installations ou emplacements spéciaux -  
Installations de chantiers de construction  
et de démolition  
(CEI 60364-7-704:2005, modifiée)

Errichten von Niederspannungsanlagen -  
Teil 7-704: Anforderungen  
für Betriebsstätten, Räume  
und Anlagen besonderer Art -  
Baustellen  
(IEC 60364-7-704:2005, modifiziert)

This Harmonization Document was approved by CENELEC on 2006-02-01. 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 Central Secretariat 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, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## FOREWORD

The text of document 64/1477/FDIS, future edition 2 of IEC 60364-7-704, prepared by IEC TC 64, Electrical installations and protection against electric shock, was submitted to the IEC-CENELEC parallel vote.

A draft amendment, prepared by SC 64A, Protection against electric shock, of Technical Committee CENELEC TC 64, Electrical installations and protection against electric shock, was submitted to the formal vote.

The combined texts were approved by CENELEC as HD 60364-7-704 on 2006-02-01.

This Harmonization Document supersedes HD 384.7.704 S1:2000.

The following dates were fixed:

- |  |       |            |
|--|-------|------------|
| - latest date by which the existence of the HD has to be announced at national level   | (doa) | 2006-08-01 |
| - latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement | (dop) | 2007-08-01 |
| - latest date by which the national standards conflicting with the HD have to be withdrawn   | (dow) | 2009-02-01 |

Annexes ZA and ZB have been added by CENELEC.

In this standard, the common modifications to the International Standard are indicated by a vertical line in the left margin of the text.

The contents of the corrigendum of April 2008 have been included in this copy.

## INTRODUCTION

The requirements of this part of HD 60364 supplement, modify or replace certain of the general requirements of the other parts of HD 60364.

The clause numbering of part 704 follows the pattern and corresponding references of HD 60364. The numbers following the particular number of part 704 are those of the corresponding parts, or clauses of HD 60364.

The absence of reference to a part, a clause or a subclause means that the corresponding general requirements are applicable.

This document is a preview generated by EVS

## 704.1 Scope

The following requirements are added:

**704.1.1** The special requirements of this part apply to temporary installations for construction and demolition sites during the period of the construction or demolition work, including for example the following:

- construction work of new buildings;
- repair, alteration, extension, 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 rules do not apply to

- installations covered by the IEC 60621 series where equipment of a similar nature to that used in surface mining applications is involved;
- installations in administrative locations of construction sites (offices, cloakrooms, meeting rooms, canteens, restaurants, dormitories, toilets, etc.) where the general rules of Parts 1 to 6 of HD 60364 apply.

NOTE For special situations, more severe requirements apply, e.g. HD 60364-7-706 for conductive locations with restricted movement.

**704.1.2** The requirements of this part are applicable to

- fixed installations limited to the assembly comprising the main controlgear and the main protective device;

NOTE The place where such an assembly is located is considered to be the interface between the supply system and the construction site installations.

- installations on the load side of the above assembly comprising mobile or transportable electrical equipment as part of the movable installations.

## 704.2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

HD 22.4, *Cables of rated voltages up to and including 450/750 V and having cross-linked insulation – 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*

EN 60439-4, *Low-voltage switchgear and controlgear assemblies – Part 4: Particular requirements for assemblies for construction sites (ACS)*

## 704.30 Assessment of general characteristics

### 704.313 Supplies

The following note is added.

NOTE A single construction site may be served by several sources of supply, including generating sets; see HD 384.5.551.