

**Ehitiste elektripaigaldised. Osa 7: Nõuded
eripaigaldistele ja -paikadele. Jagu 702: Ujumis- ja
muud basseinid**

Electrical installations of buildings - Part 7:
Requirements for special installations or locations -
Section 702: Swimming pools and other basins

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-HD 384.7.702 S2:2004 sisaldab Euroopa standardi HD 384.7.702 S2:2002 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 05.02.2003 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 05.12.2002.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-HD 384.7.702 S2:2004 consists of the English text of the European standard HD 384.7.702 S2:2002.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 05.02.2003 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 05.12.2002.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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Võtmesõnad: electrical, erection, fault current breakers, indoor pools, indoor swimming pools, locations, potential equalization, power installations, safety, safety distances, safety engineering, specification (approval), specifications, sports facilities, swimming pools

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:
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English version

Electrical installations of buildings
Part 7: Requirements for special installations or locations
Section 702: Swimming pools and other basins
(IEC 60364-7-702:1997, modified)

Installations électriques des bâtiments
Partie 7: Règles pour les installations et
emplacements spéciaux
Section 702: Piscines et autres bassins
(CEI 60364-7-702:1997, modifiée)

Elektrische Anlagen von Gebäuden
Teil 7: Anforderungen für Betriebsstätten,
Räume und Anlagen besonderer Art
Hauptabschnitt 702: Schwimmbäder und
andere Becken
(IEC 60364-7-702:1997, modifiziert)

This Harmonization Document was approved by CENELEC on 2002-06-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning such national implementation 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

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Foreword

The text of the International Standard IEC 60364-7-702:1997, prepared by IEC TC 64, Electrical installations and protection against electric shock, together with the common modifications prepared by SC 64A, Protection against electric shock, of Technical Committee CENELEC TC 64, Electrical installations of buildings, was submitted to the formal vote and was approved by CENELEC as HD 384.7.702 S2 on 2002-06-01.

This Harmonization Document supersedes HD 384.7.702 S1:1991.

The following dates were fixed:

- latest date by which the existence of the HD
has to be announced at national level (doa) 2002-12-01
- latest date by which the HD has to be implemented
at national level by publication of a harmonized
national standard or by endorsement (dop) 2003-06-01
- latest date by which the national standards conflicting
with the HD have to be withdrawn (dow) 2005-06-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annex A is informative.

Annex ZA has been added by CENELEC.

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

702 Swimming pools and other basins

702.1 Scope, object and fundamental principles

702.11 Scope

The particular requirements of this section apply to the basins of swimming pools, the basins of fountains and the basins of paddling pools. They also apply to the surrounding zones of all these basins. In these areas, in normal use, the effect of an electric shock is increased by a reduction in body resistance and contact of the body with earth potential. Swimming pools within the scope of an equipment standard are outside the scope of this standard. For swimming pools for medical purposes special precautions may be necessary.

Except for areas especially designed as swimming pools, this section does not apply to natural waters, lakes in gravel pits, coastal areas and similar areas.

702.12 Normative references

See annex ZA.

702.2 Definitions

702.2.21 Guide to general terms

For the purpose of this section, the following definitions apply. For other general definitions, see HD 384.2.

702.2.21.1

basin of fountain

basin not intended to be occupied by persons and which cannot be accessed (reached by persons) without the use of ladders and similar means. For basins of fountains which may be occupied by persons, the specifications and requirements for swimming pools apply

702.2.21.2

small swimming pool

a pool where there is no zone 2

702.3 Assessment of general characteristics

702.32 Classification of external influences

These requirements are based on the dimensions of three zones (examples are given in Figures 702A, 702B, 702C and 702D).

Zones 1 and 2 may be limited by fixed partitions having a minimum height of 2,5 m.

a) Zone 0

This zone is the interior of the basins including any recesses in their walls or floors, basins for foot cleaning and waterjets or waterfalls and the space below them.

b) Zone 1

This zone is limited by

- zone 0,
- a vertical plane 2 m from the rim of the basin,
- the floor, or the surface expected to be occupied by persons,
- the horizontal plane 2,5 m above the floor or the surface expected to be occupied by persons.