

Leisure accommodation vehicles - Caravans - Part 1:
Habitation requirements relating to health and safety

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 1645-1:2018 sisaldab Euroopa standardi EN 1645-1:2018 ingliskeelset teksti.	This Estonian standard EVS-EN 1645-1:2018 consists of the English text of the European standard EN 1645-1:2018.
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English Version

**Leisure accommodation vehicles - Caravans - Part 1:
Habitation requirements relating to health and safety**

Véhicules habitables de loisirs - Caravanes - Partie 1 :
Exigences d'habitation relatives à la santé et à la
sécurité

Bewohnbare Freizeitfahrzeuge - Caravans - Teil 1:
Anforderungen an den Wohnbereich hinsichtlich
Gesundheit und Sicherheit

This European Standard was approved by CEN on 1 January 2018.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 1645-1:2018) has been prepared by Technical Committee CEN/TC 245 “Leisure accommodation vehicles”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by October 2018, and conflicting national standards shall be withdrawn at the latest by October 2018.

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 supersedes EN 1645-1:2012.

EN 1645, *Leisure accommodation vehicles — Caravans*, is currently composed with the following parts:

- *Part 1: Habitation requirements relating to health and safety;*
- *Part 2: User payload.*

In relation to EN 1645-1:2012, the main technical changes are:

- a) reference to EN 1645-2 (withdrawn) deleted throughout the document;
- b) in 5.5.2 “Minimum tread dimensions”, requirements specified;
- c) 6.1.3 “Protection against falling out” simplified;
- d) in 7.4.2 “Outlets and couplings from toilet holding tanks”, requirements specified and extended;
- e) 12.1.2 “Escape path” and 12.1.3 “Sanitation compartment” clarified;
- f) 12.1.6 “Emergency windows and emergency panels” modified;
- g) 12.2 “Protection of flammable elements” specified
- h) in Clause 14 “User's handbook”, information added and new types of fire extinguisher covered;
- i) normative references updated;
- j) editorially modified.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

Figure 1 gives an overview of the relevant European Standards for caravans, motor caravans and caravan holiday homes.

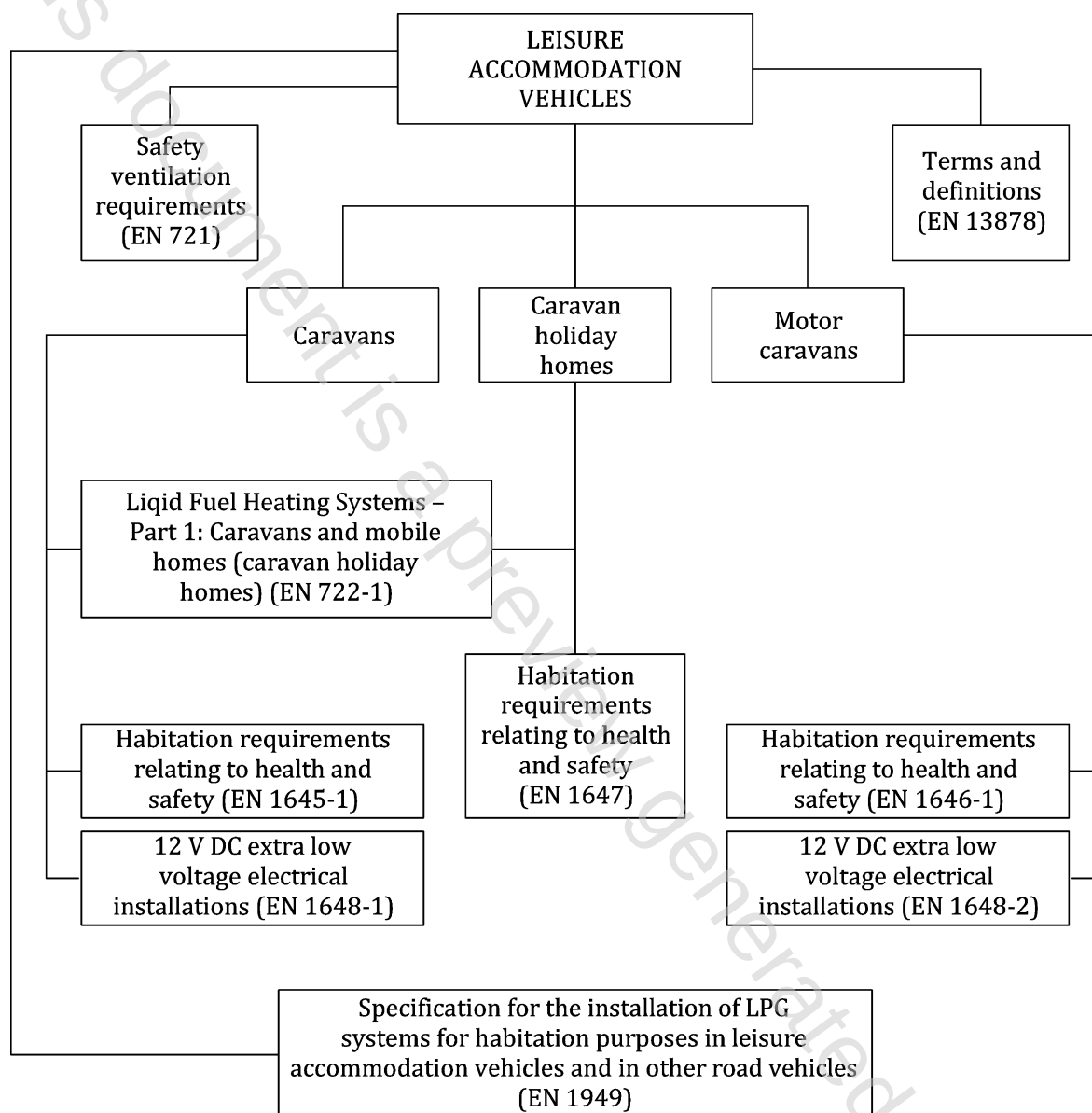


Figure 1 — Overview of relevant European Standards applying to leisure accommodation vehicles

1 Scope

This European Standard specifies requirements intended to ensure the safety and health of people when they use caravans for temporary or seasonal habitation.

It also specifies the corresponding test methods.

Requirements applicable to road safety are not included in the scope of this European Standard.

This European Standard is applicable exclusively to rigid and rigid folding caravans as defined in EN 13878.

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 3-7, *Portable fire extinguishers — Part 7: Characteristics, performance requirements and test methods*

EN 721, *Leisure accommodation vehicles - Safety ventilation requirements*

EN 722-1, *Leisure accommodation vehicles - Liquid fuel heating systems - Part 1: Caravans and caravan holiday homes*

EN 1648-1, *Leisure accommodation vehicles - 12 V direct current extra low voltage electrical installations - Part 1: Caravans*

EN 1949, *Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles*

EN 13878, *Leisure accommodation vehicles - Terms and definitions*

HD 60364-7-721, *Low-voltage electrical installations - Part 7-721: Requirements for special installations or locations - Electrical installations in caravans and motor caravans (IEC 60364-7-121)*

EN ISO 8936, *Awnings for leisure accommodation vehicles - Requirements and test methods (ISO 8936)*

ISO 4649:2017, *Rubber, vulcanized or thermoplastic — Determination of abrasion resistance using a rotating cylindrical drum device*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13878 apply.

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>