

Safety requirements for cableway installations designed to carry persons

- Terminology

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1907:2005 sisaldab Euroopa standardi EN 1907:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 30.05.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1907:2005 consists of the English text of the European standard EN 1907:2005.</p> <p>This document is endorsed on 30.05.2005 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: This document defines general terms used in the safety requirements for cableway installations designed to carry persons.</p>	<p>Scope: This document defines general terms used in the safety requirements for cableway installations designed to carry persons.</p>
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ICS 01.040.45, 45.100

Võtmesõnad:

English version

Safety requirements for cableway installations designed to carry persons - Terminology

Prescriptions de sécurité pour les installations à câbles
transportant des personnes - Terminologie

Sicherheitsanforderungen für Seilbahnen und
Schleppaufzüge des Personenverkehr -
Begriffsbestimmungen

This European Standard was approved by CEN on 14 January 2005.

CEN 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 CEN 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 CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This document (EN 1907:2005) has been prepared by Technical Committee CEN/TC 242 "Safety requirements for passenger transportation by rope", 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 2005, and conflicting national standards shall be withdrawn at the latest by October 2005.

This document supersedes ENV 1907:1999.

This document forms part of the standards programme adopted by the CEN Technical Board (CEN/BT) in relation to safety requirements for cableway installations designed to carry persons.

This programme comprises the following standards:

- 1: prEN 1907, *Safety requirements for cableway installations designed to carry persons - Terminology*
- 2: EN 12929, *Safety requirements for cableway installations designed to carry persons - General requirements*
- 3: EN 12930, *Safety requirements for cableway installations designed to carry persons - Calculations*
- 4: EN 12927, *Safety requirements for passenger transportation by rope - Ropes*
- 5: EN 1908, *Safety requirements for cableway installations designed to carry persons - Tensioning devices*
- 6: EN 13223, *Safety requirements for cableway installations designed to carry persons - Drive systems and other mechanical equipment*
- 7: prEN 13796, *Safety requirements for cableway installations designed to carry persons - Carriers*
- 8: EN 13243, *Safety requirements for cableway installations designed to carry persons - Electrical equipment other than for drive systems*
- 9: EN 13107, *Safety requirements for cableway installations designed to carry persons - Civil engineering works*
- 10: EN 1709, *Safety requirements for cableway installations designed to carry persons - Precommissioning inspection, maintenance, operational inspection and checks.*
- 11: EN 1909, *Safety requirements for cableway installations designed to carry persons - Recovery and evacuation*
- 12: EN 12397, *Safety requirements for cableway installations designed to carry persons - Operation*
- 13: EN 12408, *Safety requirements for cableway installations designed to carry persons - Quality assurance*

Together these form a series of standards regarding design, manufacture, erection, maintenance and operation of all installations for cableway installations designed to carry persons.

In respect of ski-tows, the drafting of this document has been guided by the works of the International Organisation for Transportation by Rope (OITAF).

Annex B of the document has been drawn up taking into account, in certain cases, the terms used in the ANSI standard B77-1:1990 "Aerial tramways and lifts - Surface lifts and tows - Safety requirements".

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This document defines general terms used in the safety requirements for cableway installations designed to carry persons.

The document concerns terms used in the design, manufacture, erection, maintenance and operation of the installations and is restricted to:

- those terms which form part of the vocabulary specific to these installations;
- those terms, whether scientific, technical or in every day use, which have a particular meaning in this field or which it appears necessary to define in greater detail.

The terms apply both to a particular installation and to their components.

Terms which are specific to standards which are listed in the foreword are defined in each of these standards.

This document does not apply to installations for the transportation of goods, nor to inclined lifts.

In the application of this document, the following definitions are applicable and have been given the reference numbers below.

2 General terms

Terms printed in **bold** type in the definitions are themselves defined in the text.

2.1

cableway installation designed to carry persons

installations made up of several **components**, designed, manufactured, assembled and put into service with the object of carrying persons. These on-site installations are used for the carriage of persons in **vehicles** or by **towing devices**, whereby the suspension and/or traction is provided by **ropes** positioned along the line of travel.

2.1.1

component

elementary part, group of parts, subassembly or complete unit incorporated in a **cableway installation**

NOTE Components may be mechanical in nature, or they may equally belong to the fields of civil engineering, electrical, pneumatic or hydraulic equipment, or automation and control.

2.1.1.1

safety component

any basic **component**, set of **components**, subassembly or complete assembly of equipment and any device incorporated in the installation for the purpose of ensuring a safety function and identified by the safety analysis, the **failure** of which endangers the safety or health of persons, be they users, operating personnel or third parties