

Safety requirements for cableway installations designed to carry persons - Quality control

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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| <p>Käesolev Eesti standard EVS-EN 12408:2004 sisaldab Euroopa standardi EN 12408:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 21.12.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p> | <p>This Estonian standard EVS-EN 12408:2004 consists of the English text of the European standard EN 12408:2004.</p> <p>This document is endorsed on 21.12.2004 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:</p> <p>This European Standard specifies the safety requirements applicable to quality assurance for cableway installations designed to carry persons. It sets out provisions for the procedures for quality assurance which supplement the requirements of the other standards cited in the foreword. It is applicable to the different cableway systems.</p> | <p>Scope:</p> <p>This European Standard specifies the safety requirements applicable to quality assurance for cableway installations designed to carry persons. It sets out provisions for the procedures for quality assurance which supplement the requirements of the other standards cited in the foreword. It is applicable to the different cableway systems.</p> |
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ICS 03.120.10, 45.100

Võtmesõnad:

ICS 03.120.10; 45.100

English version

Safety requirements for cableway installations designed to carry persons - Quality assurance

Prescriptions de sécurité pour les installations à câbles
transportant des personnes - Assurance de la qualité

Sicherheitsanforderungen für Seilbahnen für den
Personenverkehr - Qualitätssicherung

This European Standard was approved by CEN on 23 August 2004.

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.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN 12408:2004) 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 April 2005, and conflicting national standards shall be withdrawn at the latest by April 2005.

This document contains a bibliography.

This document forms part of the standards programme approved by the CEN Technical Board on safety requirements for cableway installations designed to carry persons. This programme comprises the following standards:

- 1) Safety requirements for cableway installations designed to carry persons — Terminology.
- 2) Safety requirements for cableway installations designed to carry persons — General requirements.
- 3) Safety requirements for cableway installations designed to carry persons — Calculations.
- 4) Safety requirements for cableway installations designed to carry persons — Ropes.
- 5) Safety requirements for cableway installations designed to carry persons — Tensioning devices.
- 6) Safety requirements for cableway installations designed to carry persons — Drive systems and other mechanical equipment.
- 7) Safety requirements for cableway installations designed to carry persons — Carriers.
- 8) Safety requirements for cableway installations designed to carry persons — Electrical equipment other than for drive systems.
- 9) Safety requirements for cableway installations designed to carry persons — Civil engineering works.
- 10) Safety requirements for cableway installations designed to carry persons — Pre-commissioning inspection, maintenance and operational inspection and checks.
- 11) Safety requirements for cableway installations designed to carry persons — Recovery and evacuation.
- 12) Safety requirements for cableway installations designed to carry persons — Operation.
- 13) Safety requirements for cableway installations designed to carry persons — Quality assurance.

Together these form a series of standards regarding design, production, maintenance and operation of 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).

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 the United Kingdom.

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1 Scope

This document specifies the safety requirements applicable to quality assurance for cableway installations designed to carry persons.

It sets out provisions for the procedures for quality assurance which supplement the requirements of the other standards cited in the foreword. It is applicable to the different cableway systems.

This document applies to suppliers of cableway installations designed to carry persons or of safety components for cableway installations designed to carry persons, regardless of whether or not they maintain a quality management system conforming to EN ISO 9001 certified by a certification body accredited in accordance with EN 45012.

The provisions of clause 4 apply in all cases.

In addition, if quality management systems are used, reference shall be made to EN ISO 9001.

For the case of suppliers who do not maintain any quality management system in accordance with EN ISO 9001, the provisions of this document are to be regarded as minimum requirements.

The requirements relating to the traceability of safety components, which are applicable to all suppliers, are intended to facilitate the recall or the investigation of components which threaten to endanger safety.

The requirements in this document are intended to ensure quality and do not replace the technical requirements in standards EN 1709, EN 1908, EN 1909, EN 12927-1, EN 12927-2, EN 12927-3, EN 12927-4, EN 12927-5, EN 12927-6, EN 12927-7, EN 12927-8, EN 12929-1, EN 12929-2, EN 12930, EN 12397, EN 13107, EN 13223, EN 13243, prEN 13796-1, prEN 13796-2 and prEN 13796-3, but supplement them.

This document is not applicable either to cableways for goods transport or to inclined lifts.

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 amendments) applies.

prEN 1907:2004, *Safety requirements for passenger transportation by rope — Terminology*.

3 Terms and definitions

For the purposes of this document, the terms and definitions given in prEN 1907:2004 and the following apply.

3.1

process (of production, assembly, installation, inspection, testing)

set of all the resources such as personnel, materials, products, operative methods or practices required for the production, assembly, installation, inspection and testing of components

3.2

documentation (of production, assembly, installation, inspection, testing)

set of all the documents in which the production, assembly, installation, inspection and testing procedures are described in full detail