

STN	Bezpečnostné požiadavky na zariadenia určené na osobnú lanovú dopravu. Napínacie zariadenia.	STN EN 1908 27 3012
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Safety requirements of cableway installations designed to carry persons - Tensioning devices

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/15

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EUROPEAN STANDARD

EN 1908

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Supersedes EN 1908:2004

English Version

Safety requirements of cableway installations designed to carry persons - Tensioning devices

Prescriptions de sécurité pour les installations à câbles transportant des personnes - Dispositifs de mise en tension

Sicherheitsanforderungen an Seilbahnen für den Personenverkehr - Spanneinrichtungen

This European Standard was approved by CEN on 18 November 2014.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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Foreword

This document (EN 1908:2015) 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of an identical text or by endorsement, at the latest by January 2016, and any conflicting national standards shall be withdrawn at the latest by January 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights CEN [and/or CENELEC] shall not be responsible for identifying any or all such patent rights.

This document supersedes EN 1908:2004.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 2000/9/EG.

For the relationship with EU Directive 2000/9/EG, see informative Annex ZA, which is an integral part of this document.

The main changes with respect to EN 1908:2004 are listed below:

- Clause 1 has been supplemented with regard to the safety of workers.
- Terms and definitions have been removed in Clause 3, as the reference to EN 1907 is sufficient.
- 5.2.1.1 c) and 5.2.1.1. d) have been deleted. A reference to EN 12930 has been added.
- The position of the stops in 5.2.3.5 has been stated more precisely.
- 5.3.3.1 has been reviewed in terms of content and structure.
- 8.2.3 has been shortened. Reference has been made to EN 12930 and EN 12929-1 for technical requirements.
- 8.2.4 of EN 1908:2004 has been deleted.
- The Annex ZA has been revised.

This European Standard is part of a series of standards relating to safety requirements on cableway installations designed for passenger transport.

This series of standards consists of the following standards:

- EN 1907, relating to *Terminology*
- EN 12929 (all parts), relating to *General requirements*
- EN 12930, relating to *Calculations*
- EN 12927 (all parts), relating to *Cables*
- EN 1908 relating to *Tensioning devices*

- EN 13223, relating to *Drive systems and other mechanical equipment*
- EN 13796 (all parts), relating to *Carriers*
- EN 13243, relating to *Electrical equipment other than for drive systems*
- EN 13107, relating to *Structures*
- EN 1709, relating to *Pre-commissioning inspection, maintenance, operational inspections and checks*
- EN 1909, relating to *Recovery and evacuation*
- EN 12397, relating to *Operation*
- EN 12408, relating to *Quality assurance*

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

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).

In accordance with CEN-CENELEC Internal Regulations, the national standards institutes of the countries listed below are required to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, FYR Macedonia, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

1 Scope

This European Standard specifies the safety requirements applicable on the tensioning devices for cableway installations designed to carry persons. This document is applicable to the various types of cableway installation and takes into account their environment.

This document applies to the design, manufacture, installation, maintenance and operation of rope tensioning devices and anchorages of cableway installations designed to carry persons.

It also includes requirements relating to accident prevention and to the protection of workers irrespective of the application of national regulations.

National regulations of a construction or regulatory nature or those which serve to protect specific groups of persons remain unaffected.

This European Standard does not apply to cableway installations intended for the transport of goods nor to lifts.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1709, *Safety requirements for cableway installations designed to carry persons — Precommissioning inspection, maintenance and operational inspection and checks*

EN 1907, *Safety requirements for cableway installations designed to carry persons — Terminology*

EN 1909, *Safety requirements for cableway installations designed to carry persons — Recovery and evacuation*

EN 12397, *Safety requirements for cableway installations designed to carry persons — Operation*

EN 12408, *Safety requirements for cableway installations designed to carry persons — Quality control*

EN 12927 (all parts), *Safety requirements for cableway installations designed to carry persons — Ropes*

EN 12929 (all parts), *Safety requirements for cableway installations designed to carry persons — General requirements*

EN 12930, *Safety requirements for cableway installations designed to carry persons — Calculations*

EN 13107, *Safety requirements for cableway installations designed to carry persons — Civil engineering works*

EN 13223, *Safety requirements for cableway installations designed to carry persons — Drive systems and other mechanical equipment*

EN 13243, *Safety requirements for cableway installations designed to carry persons — Electrical equipment other than for drive systems*

EN 13796 (all parts), *Safety requirements for cableway installations designed to carry persons — Carriers*

EN ISO 4413, *Hydraulic fluid power - General rules and safety requirements for systems and their components* (ISO 4413)

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