

MÄGIRONIMISVARUSTUS. INDIVIDUAALNE
JULGESTUSSÜSTEEM KÖISRADADELE.
OHUTUSNÕUDED JA TESTIMEETODID

Mountaineering equipment - Individual safety systems
for rope courses - Safety requirements and test
methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 17109:2020+A1:2024 sisaldab Euroopa standardi EN 17109:2020+A1:2024 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 16.10.2024.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 17109:2020+A1:2024 consists of the English text of the European standard EN 17109:2020+A1:2024.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 16.10.2024.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 97.220.40

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EUROPEAN STANDARD

EN 17109:2020+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2024

ICS 97.220.40

Supersedes EN 17109:2020

English Version

Mountaineering equipment - Individual safety systems for rope courses - Safety requirements and test methods

Équipement d'alpinisme et d'escalade - Systèmes d'assurage individuels pour parcours acrobatiques en hauteur - Exigences de sécurité et méthodes d'essai

Bergsteigerausrüstung - Einzelsicherungssysteme für Seilgärten - Sicherheitsanforderungen und Prüfverfahren

This European Standard was approved by CEN on 15 December 2019 and includes Amendment 1 approved by CEN on 12 August 2024.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN 17109:2020+A1:2024) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational facilities and equipment”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by April 2025, and conflicting national standards shall be withdrawn at the latest by April 2025.

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 includes Amendment 1 approved by CEN on 12 August 2024.

This document supersedes EN 17109:2020.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

This document has been prepared under a standardisation request addressed to CEN and CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document specifies safety requirements and test methods for components of an individual safety system for protection against a fall from height used in permanent and mobile rope courses as defined in [EN 15567-1:2015+A1:2020](#).

The products considered in this document are not intended to limit, by themselves, the deceleration of the fall of the user, as defined in [EN 15567-1:2015+A1:2020](#). For this requirement, it is essential to consider the whole ropes course system.

Safety lines and harnesses are not covered in this document.

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 362:2004](#), *Personal protective equipment against falls from a height — Connectors*

[EN 565:2017](#), *Mountaineering equipment — Tape — Safety requirements and test methods*

[EN 12275:2013](#), *Mountaineering equipment — Connectors — Safety requirements and test methods*

[EN 15567-1:2015+A1:2020](#), *Sports and recreational facilities — Ropes courses — Part 1: Construction and safety requirements*

[EN ISO 9227:2017](#), *Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227:2017)*

[ISO 7000:2004](#), *Graphical symbols for use on equipment — Registered*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

ropes course

constructed facility with restricted access and requiring supervision consisting of one or more activity systems, support systems and, if needed, an appropriate safety system

[SOURCE: [EN 15567-1:2015+A1:2020](#), 3.1 modified: Note 1 deleted]

3.2

individual safety system

ISS

component(s) connecting the harness to the safety line for protection against fall from height consisting of mobile connecting device(s), lanyard(s) and a connecting system to the harness which may be supplied as a pre-assembled product, or supplied by one or more manufacturer(s) and may be assembled by a user to make an ISS