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Irish Standard
I.S. EN 16869:2017&AC:2018

Design/construction of Via Ferratas

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National Foreword

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 16869:2017/AC

February 2018

ICS 97.220.40

English version

Design/construction of Via Ferratas

Conception et construction de via ferrata

Aufbau von Klettersteigen (Via Ferratas)

This corrigendum becomes effective on 7 February 2018 for incorporation in the official English version of the EN.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Ref. No.:EN 16869:2017/AC:2018 E

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1 Modifications to 4.1.2.1

Replace

"(Engineered Air System)"

With

"(Energy Absorbing System)"

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 16869

November 2017

ICS 97.220.40

English Version

Design/construction of Via Ferratas

Conception et construction de via ferrata

Aufbau von Klettersteigen (Via Ferratas)

This European Standard was approved by CEN on 26 June 2017.

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 CEN-CENELEC Management Centre or to any CEN member.

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This document consolidates EN 16869:2017 and the corrigendum EN 16869:2017/AC:2018.

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European foreword

This document (EN 16869:2017) 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of an identical text or by endorsement, at the latest by May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

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This document includes the corrigendum EN 16869-1:2017/AC:2018 which corrects a phrase in clause 4.1.2.1.

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1 Scope

This European Standard specifies design, inspection and maintenance requirements applicable to a Via Ferrata.

It is not applicable to ropes courses (covered by EN 15567) or to trails only equipped with progression aids such as foot-steps, ladders, handrails, chains, cables, ropes.

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 958, *Mountaineering equipment - Energy absorbing systems for use in klettersteig (via ferrata) climbing - Safety requirements and test methods*

EN 12275, *Mountaineering equipment - Connectors - Safety requirements and test methods*

EN 12277, *Mountaineering equipment - Harnesses - Safety requirements and test methods*

EN 12385-1, *Steel wire ropes — Safety — Part 1: General requirements*

EN 12385-2, *Steel wire ropes — Safety — Part 2: Definitions, designation and classification*

EN 12385-3, *Steel wire ropes — Safety — Part 3: Information for use and maintenance*

EN 13411-1, *Terminations for steel wire ropes — Safety — Part 1: Thimbles for steel wire rope slings*

EN 13411-2, *Terminations for steel wire ropes — Safety — Part 2: Splicing of eyes for wire rope slings*

EN 1990, *Eurocode - Basis of structural design*

EN 1991-1-2, *Eurocode 1: Actions on structures - Part 1-2: General actions - Actions on structures exposed to fire*

EN 1991-1-3, *Eurocode 1 - Actions on structures - Part 1-3: General actions - Snow loads*

EN 1991-1-4, *Eurocode 1: Actions on structures - Part 1-4: General actions - Wind actions*

EN 1993-1-11, *Eurocode 3 - Design of steel structures - Part 1-11: Design of structures with tension components*

ISO 1920-3, *Testing of concrete — Part 3: Making and curing test specimens*

3 Terms and definitions

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

3.1
Via Ferrata
route, generally on rocky terrain, consisting of a fixed climbing installation including a safety line where the user is not supervised

Note 1 to entry: The mere presence of a wire cable/rope on a mountain route does not constitute a Via Ferrata (e.g. Hörnli Ridge on Matterhorn).

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