



**NSAI**  
Standards

Irish Standard  
I.S. EN ISO 17249:2013&AC:2014

## Safety footwear with resistance to chain saw cutting (ISO 17249:2013)

## I.S. EN ISO 17249:2013&AC:2014

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

EN ISO 17249:2013/AC:2014

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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EUROPEAN STANDARD

**EN ISO 17249:2013/AC**

NORME EUROPÉENNE

February 2014

EUROPÄISCHE NORM

Février 2014

Februar 2014

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ICS 13.340.50

English version  
Version Française  
Deutsche Fassung

Safety footwear with resistance to chain saw cutting (ISO 17249:2013)

Chaussures de sécurité résistantes aux  
coupures de scie à chaîne (ISO  
17249:2013)

Sicherheitsschuhe mit Schutzwirkung  
gegen Kettensägenschnitte (ISO  
17249:2013)

This corrigendum becomes effective on 12 February 2014 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 12 février 2014 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 12. Februar 2014 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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Ref. No.: EN ISO 17249:2013/AC:2014 D/E/F

**EN ISO 17249:2013/AC:2014 (E)**

**1 Modification to the Annex ZA**

*Replace the whole Annex ZA with the following one:*

"

## Annex ZA (informative)

### Relationship between this European Standard and the Essential Requirements of EU Directive 89/686/EEC on Personal Protective Equipment

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 89/686/EEC on Personal Protective Equipment.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZA confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

**Table ZA.1 — Correspondence between this European Standard and Directive 89/686/EEC**

Clause(s)/sub-clause(s) of this European Standard	Essential Requirements (ERs) of Directive 89/686/EEC, Annex II	Qualifying remarks
6.4	1.1.2.2 Classes of protection appropriate to different levels of risk	
6.2, 6.3	1.2.1 Absence of risks and other inherent nuisance factors	
7, 8	1.4 Information supplied by the manufacturer	
6.4	3.3 Protection against physical injury (abrasion, perforation, cuts, bites)	

**WARNING:** Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

”.

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## Correction Notice

**Reference:** EN ISO 17249:2013

**Title:** Safety footwear with resistance to chain saw cutting (ISO 17249:2013)

**Work Item:** 00161077

Brussels, 2013-12-11

**please include the following minor editorial correction(s) in the document related to:**

the following language version(s) :

- English
- French
- German

for the following procedure :

- PQ/UQ
- Enquiry
- 2nd Enquiry
- Parallel Enquiry
- 2<sup>nd</sup> Parallel Enquiry
- Formal Vote
- 2<sup>nd</sup> Formal Vote
- Parallel Formal Vote
- 2<sup>nd</sup> Parallel Formal Vote
- UAP
- TC Approval
- 2<sup>nd</sup> TC Approval
- Publication
- Parallel Publication

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It has been brought to our attention that this document, issued on 2013-11-20, requires modification.

The forewords have been updated with the Annex ZA.

Please find enclosed the updated English and French version.

We apologise for any inconvenience this may cause.

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EUROPEAN STANDARD

**EN ISO 17249**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2013

ICS 13.340.50

Supersedes EN ISO 17249:2004

English Version

## Safety footwear with resistance to chain saw cutting (ISO 17249:2013)

Chaussures de sécurité résistantes aux coupures de scie à  
chaîne (ISO 17249:2013)

Sicherheitsschuhe mit Schutzwirkung gegen  
Kettensägenschnitte (ISO 17249:2013)

This European Standard was approved by CEN on 28 September 2013.

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.

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.

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



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

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## **Foreword**

This document (EN ISO 17249:2013) has been prepared by Technical Committee ISO/TC 94 "Personal safety - Protective clothing and equipment" in collaboration with Technical Committee CEN/TC 161 "Foot and leg protectors" the secretariat of which is held by BSI.

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 2014, and conflicting national standards shall be withdrawn at the latest by November 2015.

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 held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 17249:2004.

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.

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

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

### **Endorsement notice**

The text of ISO 17249:2013 has been approved by CEN as EN ISO 17249:2013 without any modification.

**Annex ZA**  
 (informative)

**Clauses of this European Standard addressing essential requirements or other provisions of EU directives**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports essential requirements of the EU Directive 89/686/EEC.

**WARNING:** Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

Table ZA.1 shows the relationship between relevant requirements of the Directive 89/686/EEC and clauses of this European Standard.

Compliance with the clauses of this standard provides one means of conforming to the specific essential requirements of the Directive concerned and associated EFTA regulations.

**Table ZA.1 — Clauses of this European standard addressing essential requirements or other provisions of EU directives (1 of 2)**

<b>EU directive 89/686 EEC-Annex II</b>	<b>Clause(s) of this European Standard</b>
1. General requirements applicable to all PPE	
1.1.1 Ergonomics	5.1; 5.2
1.1.2.1 Highest level of protection possible	5.4
1.1.2.2 Classes of protection appropriate to different levels of risk	5.4
1.2 Innocuousness of PPE	5.1
1.2.1 Absence of risks and other inherent nuisance factors	
1.2.1.1 Suitable constituent materials	5.1
1.2.1.2 Satisfactory surface condition of all PPE parts in contact with the user	5.1
1.2.1.3 Maximum user impediment	5.1
1.3 Comfort and efficiency	
1.3.1 Adaptation to users morphology	5.1; 5.2
1.3.2 Lightness and design strength	5.1
1.4 Information supplied by the manufacturer	7
2.2 PPE enclosing the parts of the body to be protected	5.1

Table ZA.1 (2 of 2)

EU directive 89/686 EEC-Annex II		Clause(s) of this European Standard
2.4	PPE subject to ageing	5.1
2.6	PPE for use in explosive atmospheres	5.1
2.12	PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety	5.1
3.1	Protection against mechanical impact	
3.1.1	Impact caused by falling objects and collision of parts of the body with an obstacle	5.1
3.1.2	Prevention of falls due to slipping	5.1
3.2	Protection against (static) compression of part of the body	5.1
3.3	Protection against physical injury (abrasion, perforation, cuts, bites)	5.1; 5.4
3.6	Protection against heat and/or fire	5.1
3.7	Protection against cold	5.1
3.8	Protection against electric shock	5.1

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# INTERNATIONAL STANDARD

# ISO 17249

Second edition  
2013-11-15

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## **Safety footwear with resistance to chain saw cutting**

*Chaussures de sécurité résistantes aux coupures de scie à chaîne*



Reference number  
ISO 17249:2013(E)

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## ISO 17249:2013(E)



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## ISO 17249:2013(E)

### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. [www.iso.org/directives](http://www.iso.org/directives)

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. [www.iso.org/patents](http://www.iso.org/patents)

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

The committee responsible for this document is ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 3, *Foot protection*.

This second edition cancels and replaces the first edition (ISO 17249:2004) which has been technically revised. It also incorporates the Amendment ISO 17249:2004/Amd 1:2007.

# Safety footwear with resistance to chain saw cutting

## 1 Scope

This International Standard specifies requirements for safety footwear with resistance to chain saw cutting.

## 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.

ISO 20344:2011, *Personal protective equipment — Test methods for footwear*

ISO 20345:2011, *Personal protective equipment — Safety footwear*

EN 381-3, *Protective clothing for users of hand-held chain-saws — Part 3: Test methods for footwear*

EN 50321, *Electrically insulating footwear for working on low voltage installations*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 20345 and the following apply.

### 3.1

#### **feather line**

line around the inside of the footwear where the foot enclosure turns from vertical to horizontal

Note 1 to entry: This is not ordinarily the same as the insole edge or sole edge. See [Figure 1](#).

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