

# SLOVENSKI STANDARD

## SIST EN ISO 20349-2:2017

01-november-2017

Nadomešča:  
SIST EN ISO 20349:2011

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**Osebna varovalna oprema - Obutev za zaščito pred tveganji v livarnah in pri varjenju - 2. del: Zahteve in preskusne metode za zaščito pred tveganji pri varjenju in sorodnih postopkih (ISO 20349-2:2017)**

Personal protective equipment - Footwear protecting against risks in foundries and welding - Part 2: Requirements and test methods for protection against risks in welding and allied processes (ISO 20349-2:2017)

Persönliche Schutzausrüstung - Schuhe zum Schutz gegen Risiken in Gießereien und beim Schweißen - Teil 2: Anforderungen und Prüfverfahren zum Schutz gegen Risiken beim Schweißen und verwandten Verfahren (ISO 20349-2:2017)

Équipement de protection individuelle - Chaussures protégeant contre les risques dans les fonderies et la soudure - Partie 2: Exigences et méthode d'essai pour la protection contre les risques dans la soudure (ISO 20349-2:2017)

**Ta slovenski standard je istoveten z: EN ISO 20349-2:2017**

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**ICS:**

13.340.50      Varovanje nog in stopal      Leg and foot protection

**SIST EN ISO 20349-2:2017**      en

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EUROPEAN STANDARD

**EN ISO 20349-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2017

ICS 13.340.50

Supersedes EN ISO 20349:2010

English Version

**Personal protective equipment - Footwear protecting  
against risks in foundries and welding - Part 2:  
Requirements and test methods for protection against  
risks in welding and allied processes (ISO 20349-2:2017)**

Équipement de protection individuelle - Chaussures de protection contre les risques dans les fonderies et lors d'opérations de soudage - Partie 2: Exigences et méthodes d'essai pour la protection contre les risques lors d'opérations de soudage et techniques connexes (ISO 20349-2:2017)

Persönliche Schutzausrüstung - Schuhe zum Schutz gegen Risiken in Gießereien und beim Schweißen - Teil 2: Anforderungen und Prüfverfahren zum Schutz gegen Risiken beim Schweißen und verwandten Verfahren (ISO 20349-2:2017)

This European Standard was approved by CEN on 12 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.

[SIST EN ISO 20349-2:2017](#)

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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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## European foreword

This document (EN ISO 20349-2:2017) 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 March 2018 and conflicting national standards shall be withdrawn at the latest by March 2018.

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 supersedes EN ISO 20349:2010.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## Endorsement notice

The text of ISO 20349-2:2017 has been approved by CEN as EN ISO 20349-2:2017 without any modification.

**ANNEX ZA**  
(informative)

**Clauses of this European Standard addressing essential requirements or other provisions of EU directives 89/686/EEC Personal Protective Equipment aimed to be covered**

This This European Standard has been prepared under a Commission's standardization request M/031 Personal protective equipment to provide one voluntary means of conforming to essential] requirements of the New Approach Directive 89/686/EEC Personal Protective Equipment.

Once this standard is cited in the Official Journal of the European Union under that Directive 89/686/EEC, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive 89/686/EEC, and associated EFTA regulations.

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

| Essential Requirements of Directive 89/686/EEC  | Clause(s)/sub-clause(s) of this EN | Remarks/Notes   |
|---|------------------------------------|---|
| 1.1.1 Ergonomics  | 7.1                                | EN ISO 20345:2011, 5.3.4                                      |
| 1.2 Innocuousness of PPE  | 7.5                                |   |
| 1.4 Information supplied by the manufacturer  | 9                                  |   |
| 2.2 PPE enclosing the parts of the body to be protected   |                                    | EN ISO 20345:2011, 5.4.6, 5.5.3                               |
| 2.4 PPE subject to ageing   | 7.3, 7.4                           | EN ISO 20345:2011, 5.3.2.5, 6.4.1, 6.2.3.1, 6.2.3.2 and 5.4.8 |
| 2.12 PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety | 8                                  |   |
| 3.1.1 Impact caused by falling or ejected objects and collisions of parts of the body with an obstacle.               |                                    | EN ISO 20345: 5.3.2.3, 6.2.4, 6.2.6, 6.2.7, 6.4.1             |
| 3.1.2.1 Prevention of falls due to slipping   |                                    | EN ISO 20345:2011, 5.3.5                                      |
| 3.2 Protection against (static) compression of part of the body   |                                    | EN ISO 20345:2011, 5.3.2.4, 6.2.1 and 6.2.4                   |
| 3.3 Protection against physical injury (abrasion, perforation, cuts, bites)   |                                    | EN ISO 20345:2011, 6.2.1, 6.2.6, 6.2.7 and 6.2.8              |

|   |          |                                      |
|---|----------|--------------------------------------|
| 3.6 Protection against heat and/or fire | 7.3, 7.4 | EN ISO 20345:2011, 6.2.3.1 and 6.4.1 |
| 3.7 Protection against cold             |          | EN ISO 20345:2011, 6.2.3.2           |
| 3.8 Protection against electric shock   |          | EN ISO 20345:2011, 6.2.2.3           |

**WARNING 1** — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

**WARNING 2** — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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INTERNATIONAL  
STANDARD

ISO  
20349-2

First edition  
2017-07

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**Personal protective equipment —  
Footwear protecting against risks in  
foundries and welding —**

Part 2:

**Requirements and test methods for  
protection against risks in welding  
and allied processes**

iTeh STANDARD PREVIEW  
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*Équipement de protection individuelle — Chaussures de protection  
contre les risques dans les fonderies et lors d'opérations de soudage —*

*Partie 2: Exigences et méthodes d'essai pour la protection contre les  
risques lors d'opérations de soudage et techniques connexes*



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