

<b>STN</b>	<b>Osobné ochranné prostriedky Bezpečnostná obuv (ISO 20345: 2021/Amd 1: 2024) Zmena A1</b>	<b>STN EN ISO 20345/A1</b>  83 2506
------------	---	---

Personal protective equipment. Safety footwear

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. 05/24

Obsahuje: EN ISO 20345:2022/A1:2024, ISO 20345:2021/Amd 1:2024

**138484**

---

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2024  
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii  
v znení neskorších predpisov.

EUROPEAN STANDARD

EN ISO 20345:2022/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2024

ICS 13.340.50

English Version

## Personal protective equipment - Safety footwear - Amendment 1 (ISO 20345:2021/Amd 1:2024)

Équipement de protection individuelle - Chaussures de  
sécurité - Amendement 1 (ISO 20345:2021/Amd  
1:2024)

Persönliche Schutzausrüstung - Sicherheitsschuhe -  
Änderung 1 (ISO 20345:2021/Amd 1:2024)

This amendment A1 modifies the European Standard EN ISO 20345:2022; it was approved by CEN on 3 September 2023.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN ISO 20345:2022/A1:2024 (E)**

<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>
<b>Annex ZA (informative) Relationship between this European Standard and the essential requirements of PPE Regulation (EU) 2016/425 aimed to be covered.....</b>	<b>4</b>

## **European foreword**

This document (EN ISO 20345:2022/A1:2024) has been prepared by Technical Committee ISO/TC 94 "Personal safety -- Personal protective equipment" in collaboration with Technical Committee CEN/TC 161 "Foot and leg protectors" the secretariat of which is held by BSI.

This Amendment to the European Standard EN ISO 20345:2022 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2024, and conflicting national standards shall be withdrawn at the latest by August 2024.

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 has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

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/national committee. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

## **Endorsement notice**

The text of ISO 20345:2021/Amd 1:2024 has been approved by CEN as EN ISO 20345:2022/A1:2024 without any modification.

**EN ISO 20345:2022/A1:2024 (E)****Annex ZA**  
(informative)**Relationship between this European Standard and the essential requirements of PPE Regulation (EU) 2016/425 aimed to be covered**

This European Standard has been prepared under a Commission's standardization request M/571 to provide one voluntary means of conforming to essential requirements of REGULATION (EU) 2016/425 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

Once this standard is cited in the Official Journal of the European Union under that REGULATION (EU) 2016/425, 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 Regulation, and associated EFTA regulations.

**Table ZA.1 — Correspondence between this European Standard and Annex II of REGULATION (EU) 2016/425**

<b>ESSENTIAL HEALTH AND SAFETY REQUIREMENTS of REGULATION (EU) 2016/425</b>	<b>Clause(s)/sub-clause(s) of this EN ISO</b>	<b>Remarks/Notes</b>
General requirements applicable to all PPE		
1.1.1 Ergonomics	5.3.4	
1.1.2.1 Optimum level of protection	5.3.4	
1.2.1 Absence of inherent risks and other nuisance factors	5.3.4	
1.2.1.1 Suitable constituent materials	5.3.6	
1.2.1.2 Satisfactory surface condition of all PPE parts in contact with the user	5.3.4	
1.2.1.3 Maximum permissible user impediment	5.3.4	
1.3.1 Adaptation of PPE to user morphology	5.3.4	
1.3.2 Lightness and strength	5.3.1.2, 5.4.3, 5.4.4, 5.4.5, 5.5.2, 5.6.2, 5.8.3, 5.8.4, 5.8.6, 6.2.7, 6.2.8	
1.4 Manufacturer's instructions and information	Clause 8	
2.2 PPE enclosing the parts of the body to be protected	5.4.6, 5.5.4, 5.7.3	
2.4 PPE subject to ageing	Clause 7 and Clause 8	
2.6 PPE for use in potentially explosive Atmospheres	6.2.2.1; 6.2.2.2	
2.12 PPE bearing one or more	6.1 Table 16, Clause 7	

**EN ISO 20345:2022/A1:2024 (E)**

	identification markings or indicators directly or indirectly relating to health and safety		
2.14	Multi-risk PPE	5.3.5 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.5, 6.2.6, 6.2.7, 6.2.8, 6.2.10, 6.4.1, 6.4.2	
3.1.1	Impact caused by falling or ejected objects and collisions of parts of the body with an obstacle	5.3.2.6, 6.2.6, 6.2.7	
3.1.2.1	Prevention of falls due to slipping	5.3.5, 5.8.2, 6.4.3, 6.2.10,	
3.2	Protection against static compression of part of the body	5.3.2.7, 6.2.4	
3.3	Protection against mechanical injuries	5.5.2, 5.8.3, 6.2.1, 6.2.8, 6.2.9	
3.6	Protection against heat and/or fire	6.2.3.1; 6.4.1	
3.7	Protection against cold	6.2.3.2	

**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.



# International Standard

**ISO 20345**

## Personal protective equipment — Safety footwear

### AMENDMENT 1

*Équipement de protection individuelle — Chaussures de sécurité*  
*AMENDEMENT 1*

**Third edition  
2021-12**

**AMENDMENT 1  
2024-01**

**ISO 20345:2021/Amd.1:2024(en)****COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

© ISO 2024 – All rights reserved



## ISO 20345:2021/Amd.1:2024(en)

### 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 document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at [www.iso.org/patents](http://www.iso.org/patents). ISO shall not be held responsible for identifying any or all such patent rights.

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

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 94, *Personal safety — Personal protective equipment*, Subcommittee SC 3, *Foot protection*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 161, *Foot and leg protectors*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**