



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN ISO 20345:2022/A1:2024

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)

02/2024



National Foreword

This European Standard EN ISO 20345:2022/A1:2024 was adopted as Luxembourgish Standard ILNAS-EN ISO 20345:2022/A1:2024.

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ILNAS-EN ISO 20345:2022/A1:2024

EUROPEAN STANDARD **EN ISO 20345:2022/A1**

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**Personal protective equipment - Safety footwear -
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1:2024)

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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
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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.

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

ESSENTIAL HEALTH AND SAFETY REQUIREMENTS of REGULATION (EU) 2016/425		Clause(s)/sub-clause(s) of this EN ISO	Remarks/Notes
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	

	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.