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PREDSTANDARD

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**Osebna varovalna oprema - Delovna obutev - Dopolnilo 1 (ISO
20347:2004/DAM 1:2006)**

Personal protective equipment - Occupational footwear - Amendment 1 (ISO
20347:2004/DAM 1:2006)

ICS 13.340.50

Referenčna številka
SIST EN ISO
20347:2004/oprA1:2006(en)

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English Version

**Personal protective equipment - Occupational footwear -
Amendment 1 (ISO 20347:2004/DAM 1:2006)**

Équipement de protection individuelle - Chaussures de
travail - Amendement 1 (ISO 20347:2004/DAM 1:2006)

This draft amendment is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 161.

This draft amendment A1, if approved, will modify the European Standard EN ISO 20347:2004. If this draft becomes an amendment, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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Foreword

This document (EN ISO 20347:2004/prA1:2006) has been prepared by Technical Committee CEN/TC 161 "Foot and leg protectors", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 94 "Personal safety - Protective clothing and equipment".

This document is currently submitted to the parallel Enquiry.

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(s).



DRAFT AMENDMENT ISO 20347:2004/DAmD 1

ISO/TC 94/SC 3

Secretariat: BSI

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Personal protective equipment — Occupational footwear

AMENDMENT 1

Équipement de protection individuelle — Chaussures de travail

AMENDEMENT 1

ICS 13.340.50

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This draft International Standard is a draft standard developed within the European Committee for Standardization (CEN) and processed under the CEN-lead mode of collaboration as defined in the Vienna Agreement. The document has been transmitted by CEN to ISO for circulation for ISO member body voting in parallel with CEN enquiry. Comments received from ISO member bodies, including those from non-CEN members, will be considered by the appropriate CEN technical body. Should this DIS be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month FDIS vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Amendment 1 to ISO 20347:2004 was prepared by the European Committee for Standardization (CEN) Technical Committee CENTC 161, *Foot and leg protectors*, in collaboration with Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 3, *Foot protection*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Revised text

Table 2 – Basic requirements for occupational footwear

Insert the following section to follow 'outsole' in table 2:

| Requirement | Clause | Classification I | Classification II | Symbol |
|--|---------|------------------|-------------------|--------|
| Slip resistance | 5.3.4 | | | |
| Slip resistance on ceramic tile floor with NaLS ? | 5.3.4.2 | x | x | SRA |
| Slip resistance on steel floor with glycerol ? | 5.3.4.3 | | | SRB |
| Slip resistance on ceramic tile floor with NaLS and on steel floor with glycerol ? | 5.3.4.4 | | | SRC |

Insert the following in the note to table 2:

"? means that it is obligatory that one of the three requirements shall be chosen."

5.3 Whole footwear

Insert the following subclause

5.3.4 Slip resistance requirement

5.3.4.1 General

Occupational footwear shall comply with one of the following clauses 5.3.5.2 or 5.3.5.3 or 5.3.5.4.

The requirements are applicable to conventionally soled safety, protective and occupational footwear. They are not applicable to special purpose footwear containing spikes, metal studs or similar or to special purpose safety footwear to be used on soft ground (sand, sludge, etc).

5.3.4.2 Slip resistance on ceramic tile floor with sodium lauryl sulphate (NaLS) solution

Footwear resistant to slip on ceramic tile floor with NaLS shall fulfil the requirements of table 4a).

Table 4a): Requirements for footwear resistant to slip on ceramic tile floor with NaLS

| Test conditions of EN ISO 20344:2004, 5.18.1 | Coefficient of friction |
|--|-------------------------|
| Condition A (forward heel slip) | Not less than 0,28 |
| Condition B (forward flat slip) | Not less than 0,32 |

5.3.4.3 Slip resistance on steel floor with glycerol

Footwear resistant to slip on steel floor with glycerol shall fulfil the requirements of table 4b).

Table 4b): Requirements for footwear resistant to slip on steel floor with glycerol

| Test conditions of EN ISO 20344:2004, 5.18.1 | Coefficient of friction |
|--|-------------------------|
| Condition C (forward heel slip) | Not less than 0,13 |
| Condition D (forward flat slip) | Not less than 0,18 |

5.3.4.4 Slip resistance on ceramic tile floor with NaLS and on steel floor with glycerol

Footwear resistant to slip on ceramic tile floor with NaLS and on steel floor with glycerol shall fulfil the requirements of table 4c).

Table 4c): Requirements for footwear resistant to slip on ceramic tile floor with NaLS and on steel floor with glycerol

| Test conditions of EN ISO 20344:2004, 5.18.1 | Coefficient of friction |
|--|-------------------------|
| Condition A (forward heel slip) | Not less than 0,28 |
| Condition B (forward flat slip) | Not less than 0,32 |
| Condition C (forward heel slip) | Not less than 0,13 |