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**Osebna varovalna oprema - Varovalna obutev - Dopolnilo 1 (ISO
20346:2004/DAM 1:2006)**

Personal protective equipment - Protective footwear - Amendment 1 (ISO
20346:2004/DAM 1:2006)

ICS 13.340.50

Referenčna številka
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English Version

**Personal protective equipment - Protective footwear -
Amendment 1 (ISO 20346:2004/DAM 1:2006)**

Équipement de protection individuelle - Chaussures de
protection - Amendement 1 (ISO 20346:2004/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 20346:2004. 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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN ISO 20346:2004/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 20346:2004/DAmD 1

ISO/TC 94/SC 3

Secretariat: BSI

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Personal protective equipment — Protective footwear

AMENDMENT 1

Équipement de protection individuelle — Chaussures de protection

AMENDEMENT 1

ICS 13.340.50

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Contents

Foreword.....	2
Revised text.....	2

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.

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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 20346:2004 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 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 protective footwear

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

Requirement	Clause	Classification I	Classification II
Slip resistance	5.3.5		
Slip resistance on ceramic tile floor with NaLS ?	5.3.5.2	x	x
Slip resistance on steel floor with glycerol ?	5.3.5.3		
Slip resistance on ceramic tile floor with NaLS and on steel floor with glycerol ?	5.3.5.4		

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:

5.3.5 Slip resistance requirement

5.3.5.1 General

Protective 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).

5.3.5.2 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 6a).

Table 6a): 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

5.3.5.3 Slip resistance on steel floor with glycerol

Footwear resistant to slip on steel floor with glycerol shall fulfil the requirements of table 6b).

Table 6b): 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

5.3.5.4 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 6c).

Table 6c): 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
Condition D (forward flat slip)	Not less than 0,18