

**SLOVENSKI STANDARD**  
**SIST EN ISO 14460:2000/A1:2002****01-november-2002**

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Protective clothing for automobile racing drivers - Protection against heat and flame -  
Performance requirements and test methods - Amendment 1: Modified flexion test (ISO  
14460:1999/Amd 1:2002)

Schutzkleidung für Auto-Rennfahrer - Schutz gegen Hitze und Feuer -  
Leistungsanforderungen und Prüfverfahren (ISO 14460:1999/Amd 1:2002)  
(standards.iteh.ai)

Vêtements de protection pour pilotes automobiles - Protection contre la chaleur et le feu  
- Exigences de performance et méthodes d'essai - Amendement 1: Essai de flexion  
modifié (ISO 14460:1999/Amd 1:2002)  
https://standards.iteh.ai/catalog/standards/sist/4125117c-1466-4121-9c68-  
1c442000/sist-en-iso-14460-2000-a1-2002

**Ta slovenski standard je istoveten z: EN ISO 14460:1999/A1:2002**

**ICS:**

13.340.10 Varovalna obleka Protective clothing

**SIST EN ISO 14460:2000/A1:2002 en**

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 14460:1999/A1**

March 2002

ICS 97.220.40

English version

**Protective clothing for automobile racing drivers - Protection  
against heat and flame - Performance requirements and test  
methods - Amendment 1: Modified flexion test (ISO  
14460:1999/Amd 1:2002)**

Vêtements de protection pour pilotes automobiles -  
Protection contre la chaleur et le feu - Exigences de  
performance et méthodes d'essai - Amendement 1: Essai  
de flexion modifié (ISO 14460:1999/Amd 1:2002)

Schutzkleidung für Auto-Rennfahrer - Schutz gegen Hitze  
und Feuer - Leistungsanforderungen und Prüfverfahren  
(ISO 14460:1999/Amd 1:2002)

This amendment A1 modifies the European Standard EN ISO 14460:1999; it was approved by CEN on 11 March 2002.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

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

EN ISO 14460:1999/A1:2002 (E)

CORRECTED 2002-04-24

## Foreword

This document (ISO 14460:1999/A1:2002) has been prepared by Technical Committee ISO/TC 94 "Personal safety - Protective clothing and equipment" in collaboration with Technical Committee CEN/TC 162 "Protective clothing including hand and arm protection and lifejackets", the secretariat of which is held by DIN.

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 September 2002, and conflicting national standards shall be withdrawn at the latest by September 2002.

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).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

[SIST EN ISO 14460:2000/A1:2002](https://standards.iteh.ai/catalog/standards/sist/4123117e-1488-4127-9e8b-f75444a1f1bb/sist-en-iso-14460-2000-a1-2002)

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### Endorsement notice

The text of the International Standard ISO 14460:1999/Amd 1:2002 has been approved by CEN as a European Standard without any modifications.

# INTERNATIONAL STANDARD

# ISO 14460

First edition  
1999-04-01

**AMENDMENT 1**  
2002-03-15

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## Protective clothing for automobile racing drivers — Protection against heat and flame — Performance requirements and test methods

AMENDMENT 1: Modified flexion test

iTeh **STANDARD PREVIEW**

*Vêtements de protection pour pilotes automobiles — Protection contre la  
chaleur et le feu — Exigences de performance et méthodes d'essai*

*AMENDEMENT 1: Essai de flexion modifié*

<https://standards.iteh.ai/catalog/standards/sist/4123117e-1488-4127-9e8b-f75444a1f1bb/sist-en-iso-14460-2000-a1-2002>



Reference number  
ISO 14460:1999/Amd.1:2002(E)

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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 3.

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.

Attention is drawn to the possibility that some of the elements of this Amendment may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to International Standard ISO 14460:1999 was prepared by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 13, *Protective clothing*.

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## Protective clothing for automobile racing drivers — Protection against heat and flame — Performance requirements and test methods

### AMENDMENT 1: Modified flexion test

Page 3, subclause 6.3

Delete the entire subclause 6.3 and replace it with the following text and Figure 1:

**6.3** The mechanical resistance of component assemblies after exposure to flame shall be tested in accordance with the following test.

Mount a component assembly specimen, 140 mm by 140 mm centrally face downwards on the ISO 9151 test apparatus. Apply the flame for  $(11,0 \pm 0,2)$  s. Within 1 min following the removal of the flame, place the specimen on a horizontal plane. Manually fold the specimen  $180^\circ$ , along the middle of the burn. The calorimeter location plate of ISO 9151 apparatus is then placed on the specimen as shown in Figure 1. Place a 2-kg weight piece on the calorimeter location plate, centring the weight piece over the middle of the folded edge of the specimen (point A in Figure 1). Leave the weight piece in this position for 3 s, then remove both the weight piece and the calorimeter location plate. Fold the specimen in the opposite direction along the same edge. Again place the calorimeter location plate on the specimen followed by the weight piece, centring it on the middle of the folded edge of the specimen. Leave the weight piece again for 3 s. Repeat this folding procedure four times to reach a total of five times.