INTERNATIONAL STANDARD

ISO 14460

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AMENDMENT 1
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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

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

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Foreword

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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*.

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

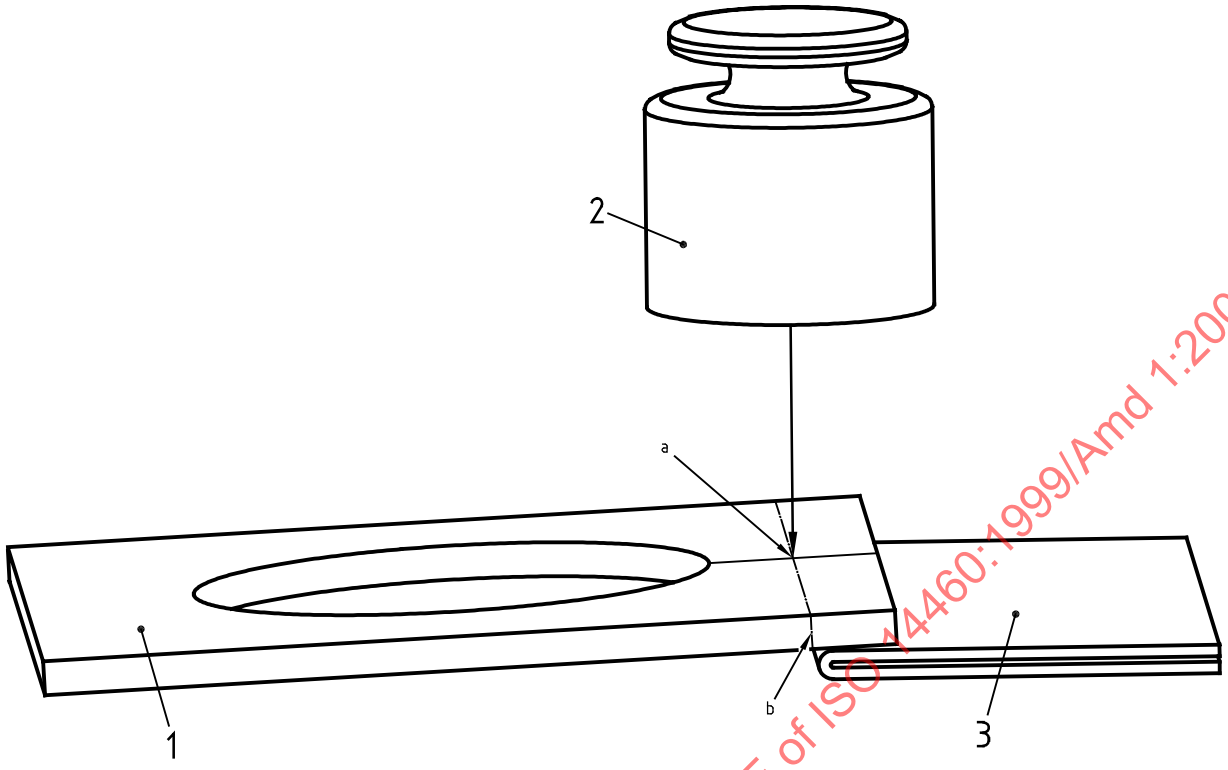
AMENDMENT 1: Modified flexion test

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 ± 0,2) s. Within 1 min following the removal of the flame, place the specimen on a horizontal plane. Manually fold the specimen 180° 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.



Key

1 Calorimeter location plate
2 2-kg weight piece
3 Folded specimen

a Point A, centre of the weight piece aligned with the middle of the folded edge of the specimen

b Line of folded edge of the specimen

Figure 1 — Arrangement of the calorimeter location plate used to restrain the specimen