

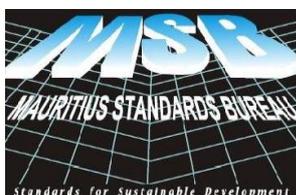
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STANDARD

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PPE for firefighters — Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures — Part 6: Footwear

ICS 13.340.10



**Mauritius Standards Bureau
Moka**

National Foreword

This Mauritian Standard is identical with the International Standard **ISO 11999-6:2016**, *PPE for firefighters — Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures — Part 6: Footwear* published by the International Organization for Standardization (ISO). It was adopted by the Mauritius Standards Bureau on the recommendation of the **Personal Protective Equipment Standards Committee** and approval of the **Standards Council** on **31 August 2018**. It was notified in the Government Gazette on **29 September 2018***.

For the purposes of this standard the following change should be made:

The words “part of ISO 11999” should be replaced by “part of Mauritian Standard”.

The following Mauritian Standards are identical to the International Standards, which are referenced in the adopted standard:

International Standard	Corresponding Mauritian Standard
ISO 20344:2011, <i>Personal protective equipment — Test methods for footwear</i>	MS ISO 20344:2011, <i>Personal protective equipment — Test methods for footwear</i>
ISO 20345:2011, <i>Personal protective equipment — Safety footwear</i>	MS ISO 20345:2011, <i>Personal protective equipment — Safety footwear</i>

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PREVIEW

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 14, *Firefighters' personal equipment*.

ISO 11999 consists of the following parts, under the general title *PPE for firefighters — Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures*:

- *Part 1: General*
- *Part 2: Compatibility* [Technical Specification]
- *Part 3: Clothing*
- *Part 4: Gloves*
- *Part 5: Helmets*
- *Part 6: Footwear*
- *Part 9: Fire hoods*

PREVIEW

PPE for firefighters — Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures —

Part 6: Footwear

1 Scope

This part of ISO 11999 specifies the minimum design and performance requirements for footwear as part of personal protective equipment [PPE] to be used by firefighters, primarily but not solely to protect against flame and high thermal loads while fighting fires occurring in structures.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 868, *Plastics and ebonite — Determination of indentation hardness by means of a durometer (Shore hardness)*

ISO 6942, *Protective clothing — Protection against heat and fire — Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat*

ISO 15025, *Protective clothing — Protection against heat and flame — Method of test for limited flame spread*

ISO 20344:2011, *Personal protective equipment — Test methods for footwear*

ISO 20345:2011, *Personal protective equipment — Safety footwear*

EN 13832-1, *Footwear protecting against chemicals — Part 1: Terminology and test methods*

EN 13832-3, *Footwear protecting against chemicals — Part 3: Requirements for footwear highly resistant to chemicals under laboratory conditions*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 20344, ISO 11999-1 and EN 13832-1 apply.

4 Classification, design and performance level

4.1 Classification

Footwear shall be classified in accordance with [Table 1](#).