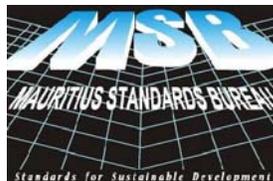


First edition
2015-08-22

**Guidance on the selection, use, care
and maintenance of personal protective
equipment (PPE) designed to provide
protection for firefighters**

ICS 13.340.10



**Mauritius Standards Bureau
Moka**

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PREVIEW

National Foreword

This Mauritian Standard is identical with the International Standard **ISO TR 21808:2009**, *Guidance on the selection, use, care and maintenance of personal protective equipment (PPE) designed to provide protection for firefighters* published by the International Organization for Standardization (ISO). It was adopted by the Mauritius Standards Bureau in 2015 on the recommendation of the **Textiles, Clothing and Footwear Standards Committee** through its **Subcommittee on Protective Clothing** and approval of the Standards Council on **29 July 2015**. It was notified in the Government Gazette on **22 August 2015** *.

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

The words “International Standard” should be replaced by “Mauritian Standard”.



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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.

In exceptional circumstances, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example), it may decide by a simple majority vote of its participating members to publish a Technical Report. A Technical Report is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.

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.

ISO/TR 21808 was prepared by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 14, *Fire-fighters' personal equipment*.

Introduction

The information in this Technical Report is designed to assist in making the necessary decisions regarding the selection, use, care and maintenance of personal protective equipment (PPE) for firefighters.

PREVIEW

PREVIEW

Guidance on the selection, use, care and maintenance of personal protective equipment (PPE) designed to provide protection for firefighters

1 Scope

This Technical Report sets out guidance for the selection, use, care and maintenance of PPE designed to provide protection for firefighters while carrying out their duties.

The PPE covered in this Technical Report is intended for firefighting personnel exposed to risks associated with, but not necessarily limited to, the following activities:

- structural firefighting;
- wildland firefighting;
- incidents involving hazardous materials;
- incidents involving motor vehicles;
- urban search and rescue;
- swift water rescue;
- emergency medical response;
- storm and flood recovery.

The purpose of this Technical Report is to highlight the main areas that an organization needs to consider when providing PPE to its members. Most paragraphs of the document contain bullet lists; these lists are provided for guidance only and they are not exhaustive.

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1

personal protective equipment

PPE

equipment that can include, but is not limited to, clothing, gloves, helmets, footwear and face protection

2.2

hazard

substances, situations or events that can cause harm/injury