TECHNICAL REPORT

ISO/TR 21808

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

Guidage sur la sélection, l'utilisation, le soin et l'entretien des équipements de protection individuelle (PPE) conçus pour pourvoir à la protection des pompiers

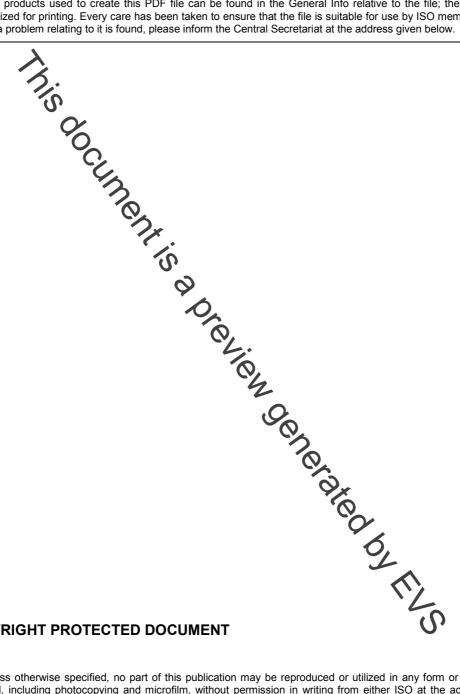


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Page

Contents

Forew	ord	iv
Introdu	uction	v
1	Scope.	
2	Terms and definitions	1
3	General	
4	SelectionGeneral	2
4.1	General	2
4.2	Identify risk and assess	
4.3	Defining the level of protection required for each activity from the PPE	3
4.4	Collecting information on available PPE	3
4.5	Wearer trials	3
4.6	Additional testing	4
4.7	Wearer trials Additional testing Other considerations	5
5	Use	6
5.1	General	6
5.2	General Training	٥
5.3	Introducing PPF into service	6
5.4	Record keening	7
5.5	Pouting examination	<i>1</i> 7
5.6	In contride examination and maniforing	<i>1</i>
5.6	Introducing PPE into service	1
6	Care	8
6.1	Manufacturer information	8
6.2	Cleaning	9
6.3	Decontamination	9
6.4	Storage	10
-	Maintanana	40
7 7.1	Manufactures information	10
	Manufacturer Information	10
7.2	Inspection	11
7.3	Repairs and alterations	12
7.4	Manufacturer Information Cleaning	12
Annex	A (informative) Risk assessment	13
Annex	B (informative) Guidance on some of the items that may be addressed in labelling, subject to the required use of the PPE	14
Riblion	graphy	15

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 Maison 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.

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.

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

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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.

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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 are 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

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

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