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English version

**Guidance for selection, use, care and maintenance of protective
clothing against heat and flame**

Leitfaden für Auswahl, Gebrauch, Pflege und
Instandhaltung von Schutzkleidung gegen Hitze und
Flammen

This Technical Report was approved by CEN on 19 January 2003. It has been drawn up by the Technical Committee CEN/TC 162.

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Contents

Foreword	3
Introduction	4
1 Scope	4
2 Terms and definitions	4
3 Selection	5
3.1 General	5
3.2 Risk assessment	5
3.3 Defining the level of protection required for each activity from the protective clothing	5
3.4 Collecting information on available protective clothing	5
3.5 Wearer trials	6
3.6 Additional testing	6
3.7 Other considerations	7
4 Use	7
4.1 General	7
4.2 Training	7
4.3 Introducing protective clothing into service	8
4.4 Record keeping	8
4.5 Routine examination	9
4.6 In service evaluation and monitoring	9
5 Care	9
5.1 General	9
5.2 Cleaning	10
5.3 Decontamination	10
5.4 Storage	11
6 Maintenance	11
6.1 General	11
6.2 Inspection	12
6.3 Repairs and alterations	13
6.4 Disposal	13
Annex A (informative) EN standards and their performance levels relating to clothing designed to provide protection from heat and flame	14
A.1 General	14
A.2 Standards describing performance requirements for protective clothing or materials	14
A.3 Standards describing test methods	16
A.4 Draft standards describing test methods	16
Annex B (informative) Risk assessment	17
Annex C (informative) Examples of relationship between type of heat/flame hazard and clothing to be chosen for protection	18
Annex D (informative) Guidance on some of the items that may be addressed in labelling, subject to the required use of garments	20
Bibliography	21

Foreword

This document CEN/TR 14560:2003 has been prepared by Technical Committee CEN/TC 162 "Protective clothing including hand and arm protection and lifejackets", the secretariat of which is held by DIN.

The Annexes A, B, C and D are informative.

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

Introduction

The information in this report has been produced to assist employers (or the person who advises the employer) in making the necessary decisions regarding the selection, use, care and maintenance of protective clothing, for employees exposed to risks related to heat and flame (e.g. welding, fire-fighting).

The purpose of this document is to highlight the main areas that an employer needs to consider. Most paragraphs of the document contain bullet-lists. All of these lists are provided to give guidance only. They are not exhaustive.

Normative references are not provided in this report. All references are of an informative nature only. Annex A gives details of the current EN Standards relating to clothing designed to provide protection from heat and flame.

For European legislation on PPE see Directive 89/656/EEC and Directive 89/686/EEC.

1 Scope

This technical report sets out guidance for the selection, use, care and maintenance of clothing designed to provide protection against heat and flame.

2 Terms and definitions

For the purpose of this report the following terms and definitions will apply:

2.1

hazard

the substances, situations or events that can cause harm / injury.

2.2

risk

the product (R) of:

L : Likelihood of the occurrence of a hazard in a particular situation

and

S : Severity : the consequences or extent of harm to the individual to be expected from the hazard.

$R = L \times S$.

2.3

selection

the process of determining the type of protective equipment (garments) that is necessary for the required protection

2.4

use

the application of protective clothing including its limitations.

2.5

care

to keep in good working order, including procedures for cleaning, decontamination and storage.

2.6

maintenance

procedure for inspection, cleaning, decontamination and repair with the aim of retaining the protective properties and preventing excessive deterioration of the clothing