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## **Clothing for protection against heat and flame — General recommendations for selection, care and use of protective clothing**

*Vêtements de protection contre la chaleur et les flammes —  
Recommandations générales pour la sélection, l'entretien et l'utilisation  
des vêtements de protection*



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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is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.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 2801 was prepared by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 13, *Protective clothing*.

ISO/TR 2801 cancels and replaces ISO 2801:1998, which has been technically revised. ISO/TR 2801 is based on CEN/TR 14560:2003.

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## Introduction

The information in this Technical Report has been produced to assist employers (or people who advise employers) 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, firefighting).

The purpose of this Technical Report is to highlight the main areas that an employer needs to consider. Most paragraphs of this Technical Report contain bullet-lists. These lists are provided to give guidance only and are not exhaustive.

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

For European legislation on personal protective equipment (PPE), see Directive 89/656/EEC and Directive 89/686/EEC.