
**Safety, protective and occupational
footwear for professional use —**

**Part 5:
Additional requirements and test methods**

*Chaussures de sécurité, de protection et de travail à usage
professionnel —*

Partie 5: Exigences additionnelles et méthodes d'essai



Reference number
ISO 8782-5:2000(E)

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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 3.

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.

Attention is drawn to the possibility that some of the elements of this part of ISO 8782 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 8782-5 was prepared by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 3, *Foot protection*.

ISO 8782 consists of the following parts, under the general title *Safety, protective and occupational footwear for professional use*:

- *Part 1: Requirements and test methods*
- *Part 2: Specification for safety footwear*
- *Part 3: Specification for protective footwear*
- *Part 4: Specification for occupational footwear*
- *Part 5: Additional requirements and test methods*
- *Part 6: Additional specifications for safety footwear*
- *Part 7: Additional specifications for protective footwear*
- *Part 8: Additional specifications for occupational footwear*

Introduction

During the preparation of ISO 8782-1, it became apparent that there were a number of requirements and test methods which were needed for certain types of footwear for professional use, but which were not then at a sufficiently advanced stage for inclusion in that standard. Some of those items have now been included in this part of ISO 8782, which is intended to supplement the contents of ISO 8782-1 and to be used with it, in conjunction with parts 6, 7 and 8 of ISO 8782, as appropriate. Further work is still being undertaken with respect to slip resistance properties, protection against chemical hazards and the development of a mechanical method for the determination of water resistance. A separate standard for insulating footwear is also being prepared.

Safety, protective and occupational footwear for professional use —

Part 5: Additional requirements and test methods

1 Scope

This part of ISO 8782 specifies requirements and test methods relating to properties of footwear for professional use additional to those specified in ISO 8782-1. It covers water resistance, protection against cutting by hand held chain saws, resistance to fire fighting hazards (footwear for fire fighters), metatarsal protection and cut resistance.

This part of ISO 8782 can only be used in conjunction with parts 6, 7 and 8 of ISO 8782, which specify requirements for footwear relating to specific levels of risk.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 8782. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 8782 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 6940, *Textile fabrics — Burning behaviour — Determination of ease of ignition of vertically oriented specimens*.

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 8782-1:1998, *Safety, protective and occupational footwear for professional use — Part 1: Requirements and test methods*.

ISO 8782-2:1998, *Safety, protective and occupational footwear for professional use — Part 2: Specification for safety footwear*.

ISO 8782-3, *Safety, protective and occupational footwear for professional use — Part 3: Specification for protective footwear*.

ISO 8782-4, *Safety, protective and occupational footwear for professional use — Part 4: Specification for occupational footwear*.

ISO 8782-6, *Safety, protective and occupational footwear for professional use — Part 6: Additional specifications for safety footwear*.

ISO 8782-7, *Safety, protective and occupational footwear for professional use — Part 7: Additional specifications for protective footwear*.