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English Version

**Guidance for the selection, use and maintenance of safety,
protective and occupational footwear (ISO/TR 18690:2006)**

Lignes directrices pour la sélection, l'utilisation et l'entretien
des chaussures de protection d'usage professionnel
(ISO/TR 18690:2006)

Empfehlungen für Auswahl, Einsatz und Instandhaltung für
Sicherheits-, Schutz- und Berufsschuhe (ISO/TR
18690:2006)

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Foreword

This document (CEN ISO/TR 18690:2006) has been prepared by Technical Committee CEN/TC 161 "Foot and leg protectors", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 94 "Personal safety - Protective clothing and equipment".

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Foreword

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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is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.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 18690 was prepared by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 3, *Foot protection*.

Guidance for the selection, use and maintenance of safety, protective and occupational footwear

1 Scope

This Technical Report provides guidance for selection, use and maintenance of safety, protective and occupational footwear for professional use. It is designed for footwear manufacturers, suppliers, employers and self-employed people, safety engineers and users. This Technical Report also provides guidance for preparing national guidance in this area.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 20345:2004, *Personal protective equipment — Safety footwear*

ISO 20346:2004, *Personal protective equipment — Protective footwear*

ISO 20347:2004, *Personal protective equipment — Occupational footwear*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 20345, ISO 20346 and ISO 20347 apply.

4 Design, construction and classification

Construction of safety, protective and occupational footwear is exemplified in Figure 1. Design and classification have been defined in ISO 20345, ISO 20346 and ISO 20347. Classification is presented in Table 1. Designs of footwear are illustrated in Figure 2. Protective elements should be incorporated in the footwear in such a way that they cannot be removed without damaging it.

Table 1 — Classification of footwear

Code designation	Classification
I	Footwear made from leather and other materials, excluding all-rubber or all-polymeric footwear
II	All-rubber (i.e. entirely vulcanized) or all-polymeric (i.e. entirely moulded) footwear