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PD CEN ISO/TR 18690:2012



BSI Standards Publication

Guidance for the selection, use and maintenance of safety and occupational footwear and other personal protective equipment offering foot and leg protection

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This Published Document is the UK implementation of CEN ISO/TR 18690:2012.

The UK participation in its preparation was entrusted to Technical Committee PH/1, Safety, protective and occupational footwear.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Published by BSI Standards Limited 2013

ISBN 978 0 580 67095 4

ICS 13.340.50

Compliance with a British Standard cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 31 January 2013.

Amendments issued since publication

Amd. No.	Date	Text affected
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TECHNISCHER BERICHT

December 2012

ICS 13.340.50

Supersedes CEN ISO/TR 18690:2006

English Version

Guidance for the selection, use and maintenance of safety and occupational footwear and other personal protective equipment offering foot and leg protection (ISO/TR 18690:2012)

Lignes directrices pour la sélection, l'utilisation et l'entretien des chaussures de protection et de loisirs ainsi que tout autre équipement de protection personnelle des pieds et des jambes (ISO/TR 18690:2012)

Empfehlungen für Auswahl, Einsatz und Pflege und Instandhaltung für Sicherheits-, Schutz- und Berufsschuhe (ISO/TR 18690:2012)

This Technical Report was approved by CEN on 17 December 2012. It has been drawn up by the Technical Committee CEN/TC 161.

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Foreword

This document (CEN ISO/TR 18690:2012) 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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This document supersedes CEN ISO/TR 18690:2006.

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Guidance for the selection, use and maintenance of safety and occupational footwear and other personal protective equipment offering foot and leg protection

1 Scope

This Technical Report provides guidance for the selection, use and maintenance of personal protective equipment and safety and occupational footwear. It is intended for footwear manufacturers and suppliers, employers and self-employed people, safety engineers and other 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, *Personal protective equipment — Safety footwear*

ISO 20347, *Personal protective equipment — Occupational footwear*

3 Terms and definitions

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

4 Design, construction and classification

Construction of safety and occupational footwear is illustrated in Figure 1. Design and classification are defined in ISO 20345 and ISO 20347. Classification of footwear 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

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

NOTE ISO 20345:2011, Annex A, permits hybrid footwear comprising uppers with both an all rubber or polymeric foot section and a leg shaft area of leather or other materials.