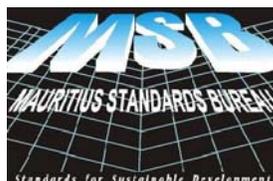

**Guidance for the selection, use
and maintenance of safety and
occupational footwear and other
personal protective equipment
offering foot and leg protection**

ICS 13.340.50



**Mauritius Standards Bureau
Moka**

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National Foreword

This Mauritian Standard is identical with the International Standard **ISO/TR 18690:2012**, *Guidance for the selection, use and maintenance of safety and occupational footwear and other personal protective equipment offering foot and leg protection* published by the International Organization for Standardization (ISO). It was adopted by the Mauritius Standards Bureau on the recommendation of the **Textile, Paper and Footwear Standards Committee** and approval of the **Standards Council** on **26 March 2014**. It was notified in the Government Gazette on **03 May 2014***.

For the purposes of this standard the following change should be made:

The words "International Standard" should be replaced by "Mauritian Standard".

The following Mauritian Standard is identical to the International Standard, which is referenced in the adopted standard:

International Standard

ISO 20345, *Personal protective equipment — Safety footwear*
ISO 20347, *Personal protective equipment — Occupational footwear*

Corresponding Mauritian Standard

MS ISO 20345, *Personal protective equipment — Safety footwear*
MS ISO 20347, *Personal protective equipment — Occupational footwear*

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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 18690 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 161, *Foot and leg protectors*, in collaboration with ISO Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 3, *Foot protection*, in accordance with the agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO/TR 18690:2006), which has been technically revised.

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.