

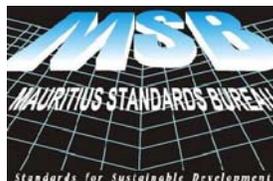
MAURITIAN
STANDARD

MS ISO
20346:2014

Second edition
2015-08-22

**Personal protective equipment
— Protective footwear**

ICS 13.340.50



**Mauritius Standards Bureau
Moka**

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National Foreword

This Mauritian Standard is identical with the International Standard **ISO 20346:2014**, *Personal protective equipment — Safety footwear*. It was adopted by the Mauritius Standards Bureau in 2015 on the recommendation of **Textiles and Protective Clothing Standards Committee** through its **Subcommittee on Footwear** and approved by the **Standards Council** on **29 July 2015**. It was notified in the Government Gazette on **22 August 2015** *.

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	Corresponding Mauritian Standard
ISO 20344:2011 , <i>Personal protective equipment — Test methods for footwear</i>	MS ISO 20344:2011 , <i>Personal protective equipment — Test methods for footwear</i>

* **General Notice No 87 of 2015**



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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information.

ISO 20346 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 20346:2004), which has been technically revised. It also incorporates the Amendment ISO 20346:2004/Amd. 1:2007 and the Technical Corrigenda ISO 20346:2004/Cor. 1:2005 and ISO 20346:2004/Cor. 2:2006.

Changes between this edition and the 2004 version are as follows.

- Slip resistance was moved from [Annex A](#) into the main text ([5.3.5](#)).
- The requirements for seat region ([5.2.3](#)) are more specific.
- The requirements for corrosion resistance of metallic toecaps ([5.3.2.5.1](#)) have been slightly changed.
- Innocuousness ([5.3.6](#)) has been added.
- The requirement for Chromium VI content was exactly specified.
- The requirement for abrasion resistance of seat region lining has been included.
- The requirements for penetration resistance have been adjusted to EN 12568.
- A new kind of footwear “Hybrid Footwear” has been included in [Annex A](#).

Personal protective equipment — Protective footwear

1 Scope

This International Standard specifies basic and additional (optional) requirements for protective footwear used for general purpose. It includes, for example, mechanical risks, slip resistance, thermal risks, ergonomic behaviour.

Special risks are covered by complementary job-related standards (e.g. footwear for firefighters, electrical insulating footwear, protection against chain saw injuries, protection against chemicals and molten metal splash, protection for motor cycle riders).

2 Normative references

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

ISO 17075, *Leather — Chemical tests — Determination of chromium(VI) content*

ISO 20344:2011, *Personal protective equipment — Test methods for footwear*

EN 12568:2010, *Foot and leg protectors — Requirements and test methods for toecaps and penetration resistant inserts*

EN 50321, *Electrically insulating footwear for working on low voltage installations*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

NOTE The component parts of footwear are illustrated in [Figures 1, 2 and 3](#).