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SANS 10114-2:2009

Edition 1.2

Any reference to SABS 0114-2 is deemed
to be a reference to this standard
(Government Notice No. 1373 of 8 November 2002)

SOUTH AFRICAN NATIONAL STANDARD

Interior lighting

Part 2: Emergency lighting

SANS 10114-2:2009

Edition 1.2

Table of changes

Change No.	Date	Scope
Amdt 1	2002	Amended to add a note to the scope, to replace a referenced standard, to add an alternative requirement for mounting height of luminaires, to change the requirement for response time, to align the requirements for the height of buildings and the duration of emergency signs with the Building Regulations and to delete a requirement for the duration of an emergency lighting system.
Amdt 2	2009	Amended to change the designation of SABS standards to SANS standards, and to move references to legislation to the foreword.

Acknowledgement

The SABS Standards Division wishes to acknowledge the assistance derived from publications of the following organizations:

British Standards Institution
International Commission on Illumination
European Committee for Standardization

and also wishes to acknowledge the initiative taken by members of the following organizations:

Institute of Lighting Engineers of South Africa
South Africa National Committee on Illumination
South African Fire Services Institute

Foreword

This South African standard was approved by National Committee SABS SC 64C, *Lighting and optics – Luminaires*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

Reference is made in the NOTE to 1.3, in 8.1 and 8.2(b), to "legislation". In South Africa this means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) (as amended from time to time) and the Environmental Regulations promulgated in terms of the Act.

This document was published in May 2009.

This document supersedes SABS 0114-2:2002 (edition 1.1).

SANS 10114 consists of the following parts, under the general title *Interior lighting*:

Part 1: Artificial lighting of interiors.

Part 2: Emergency lighting.

Annex A forms an integral part of this document. Annexes B, C and D are for information only.

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Interior lighting

Part 2: Emergency lighting

1 Scope

1.1 This part of SANS 10114 gives the fundamental principles and specifies the luminous requirements and minimum continuous operating periods for interior emergency lighting systems.

1.2 Although this part of SANS 10114 is not applicable to private domestic premises, its provisions can be applied to common access routes within multi-storey dwellings.

1.3 This part of SANS 10114 is not applicable to techniques that, when used in escape routes in addition to conventional emergency lighting luminaires, can enhance the effectiveness of the escape routes.

NOTE This part of SANS 10114 should be read in conjunction with the requirements of the Building Regulations (SANS 10400) as well as the Environmental Regulations in legislation (see foreword).

Amdt 1; amdt 2

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of SANS 10114. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of that standard, parties to agreements based on this part of SANS 10114 are encouraged to take steps to ensure the use of the most recent editions of the standards indicated below. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

IEC 60050-845, *International electrotechnical vocabulary – Chapter 845: Lighting*. (Also known as CIE Publication No. 17.4.)

SANS 1186-3, *Symbolic safety signs – Part 3: Internally illuminated signs*.

SANS 1464-22, *Safety of luminaires – Part 22: Luminaires for emergency lighting*.

SANS 10114-1, *Interior lighting – Part 1: Artificial lighting of interiors*.