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SANS 1186-3:2013

Edition 1.3

SOUTH AFRICAN NATIONAL STANDARD

Symbolic safety signs

Part 3: Internally illuminated signs

SANS 1186-3:2013
Edition 1.3

Table of changes		
Change No.	Date	Scope
Amdt 1	2001	Amended to add dimensional requirements for the maximum viewing distance for illuminated signs, to delete the requirements for maximum luminance and to update a referenced standard.
Amdt 2	2004	Amended to replace reference to SANS 166 with SANS 7253.
Amdt 3	2013	Amended to replace reference to SANS 7253 with SANS 9227.

Foreword

This South African standard was approved by National Committee SABS TC 064/SC 02, *Lighting and optics – Luminaires*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in July 2013.

This document supersedes SANS 1186-3:2004 (edition 1.2).

A vertical line in the margin shows where the text has been technically modified by amendment No. 3.

This document is referenced in the Local Government Municipal Systems Act, 2000 (Act No. 32 of 2000), National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977), and the Water Services Act, 1997 (Act No. 108 of 1997).

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Part 3: Internally illuminated signs

1 Scope

This part of SANS 1186 specifies requirements for the construction and performance of internally illuminated box type safety signs that are intended for use at ambient temperatures between 10 °C and 40 °C. Such signs are illuminated by one or two separate systems of electric lighting.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of SANS 1186. 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 1186 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.

CIE publication 15, *Colorimetry*.

CIE publication 54, *Retroreflection – Definition and measurement*.

SANS 1186-1, *Symbolic safety signs – Part 1: Standard signs and general requirements*.

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

SANS 9227/ISO 9227, *Corrosion tests in artificial atmospheres – Salt spray tests. Amdt 1; amdt 3* |

SANS 60598-1/IEC 60598-1, *Luminaires – Part 1: General requirements and tests*.

3 Definitions

For the purposes of this part of SANS 1186, the definitions given in SANS 1186-1, SANS 1464-22, SANS 60598-1 and the following definitions apply:

3.1 change-over: The switching from one internal illumination system to an alternative internal or external illumination system in the event of a mains power supply disruption.

3.2 self-contained safety sign: A safety sign in which all the elements such as the battery, the lamp(s), the control unit and the test and monitoring facilities, where provided, are contained within the housing or within 1 m of it.