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**SANS 1438:2018**

Edition 1.1

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Portable light assemblies for underground use in mines**

**WARNING**

**This document references other  
documents normatively.**

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**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
Amdt 1	2018	Amended to update referenced standards, the notes on overcharge test and the subclause on forced discharge test.

**Foreword**

This South African standard was prepared by National Committee SABS/TC 065, *Explosion prevention*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in May 2018.

This document supersedes SANS 1438:2013 (edition 1).

A vertical line in the margin shows where the text has been technically modified by amendment No. 1.

**This document is referenced in the Mine Health and Safety Act, 1996 (Act No. 29 of 1996).**

In 3.1, 3.10, 3.11, 3.17, 4.1.2, 4.2 (e) and 8.1.2 reference is made to a "national accredited test laboratory (ATL)". In South Africa, this means a test laboratory that is accredited by the South African National Accreditation System (SANAS) that operates in accordance with the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act No. 19 of 2006).

In B.2, B.3, B.4, B.5.8, B.5.9.1, B.5.9.2, B.5.9.3, B.6.1, B.6.2, B.6.3, B.6.4 and B.6.5 reference is made to the "relevant regulatory authority". In South Africa, this means the Department of Mineral Resources in accordance with the Mine Health and Safety Act, 1996 (Act No. 29 of 1996).

Annexes B, C, D, E and F form an integral part of this document. Annexes A and G are for information only.

**Compliance with this document cannot confer immunity from legal obligations.**

## Contents

	Page
Foreword	
<b>1</b> Scope .....	5
<b>2</b> Normative references .....	5
<b>3</b> Definitions .....	7
<b>4</b> Requirements .....	9
<b>4.1</b> General .....	9
<b>4.1.1</b> Cap lamp assembly .....	9
<b>4.1.2</b> Headpiece assemblies and portable light assemblies .....	9
<b>4.1.3</b> Sampling .....	10
<b>4.1.4</b> Quality evaluation of headpieces .....	10
<b>4.1.5</b> Documentation required for a cap lamp assembly .....	10
<b>4.2</b> Design and construction .....	10
<b>4.3</b> Cable connections .....	11
<b>4.4</b> Cable length .....	11
<b>5</b> Light source .....	11
<b>5.1</b> Incandescent bulbs .....	11
<b>5.1.1</b> Type .....	11
<b>5.1.2</b> General .....	12
<b>5.1.3</b> Incandescent bulb dimensions .....	12
<b>5.1.4</b> Solder .....	12
<b>5.1.5</b> Aging .....	12
<b>5.1.6</b> Initial current .....	12
<b>5.1.7</b> Initial luminous flux .....	12
<b>5.1.8</b> Current and luminous flux .....	12
<b>5.1.9</b> Life .....	12
<b>5.2</b> Light emitting diodes (LEDS) .....	16
<b>5.2.1</b> Type .....	16
<b>5.2.2</b> LED light temperature .....	16
<b>5.2.3</b> Colour rendering index .....	16
<b>5.2.4</b> LED light pattern .....	16
<b>5.2.5</b> LED operating design life .....	16
<b>5.2.5.1</b> Current drive .....	16
<b>5.2.5.2</b> LED junction temperature .....	16
<b>5.2.6</b> LED aging .....	17
<b>5.2.7</b> Nominal luminous flux (Lux) .....	17
<b>6</b> Cap lamp cable .....	17
<b>6.1</b> Cores .....	17
<b>6.2</b> Insulation of cores .....	17
<b>6.3</b> Identification of cores .....	17
<b>6.4</b> Laying-up .....	17
<b>6.5</b> Mechanical strength of strain cord .....	17
<b>6.6</b> Flexibility of cable .....	18
<b>6.6.1</b> Resistance of kinking .....	18
<b>6.6.2</b> Resistance of alternating bend test .....	18
<b>6.6.2.1</b> Apparatus .....	18
<b>6.6.2.2</b> Test piece .....	18
<b>6.6.2.3</b> Procedure .....	18