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**SANS 1484:2007**

Edition 2

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Permitted explosives**

**SANS 1484:2007**  
Edition 2

**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>

**Foreword**

This South African standard was prepared by National Committee SABS/TC 1064, *Explosives and detonators*, in accordance with procedures of the SABS, in compliance with annex 3 of the WTO/TBT agreement.

This standard was published in January 2007. This edition cancels and replaces the first edition (SANS 1484:2002).

A reference is made in clauses 1, 3, 4, 5 and 7 to "national regulations and statutory requirements". In South Africa this means:

- 1) The explosives regulations promulgated under the Occupational, Health and Safety Act, 1993 (Act No. 85 of 1993).
- 2) The Mine Health and Safety Act, 1996, (Act No. 29 of 1996).
- 3) The Explosives Act, 2003 (Act No. 15 of 2003).

A reference is made in clauses 3 and 4 to "competent authority". In South Africa this means:

The Chief Inspector of Explosives, South African Police Service (CIE-SAPS) and the Minister of Mineral and Energy Affairs.

Annex A forms an integral part of this standard. Annex B is for information only.

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

**Reaffirmed and reprinted in January 2018.  
This document will be reviewed every five years and  
either be reaffirmed, amended, revised or withdrawn.**

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## Permitted explosives

### 1 Scope

This standard covers two groups of explosives for use in fiery mines.

NOTE The requirements of this standard should be read in conjunction with the relevant national regulations and statutory requirements (see foreword).

### 2 Normative references

The following referenced documents are indispensable for the application of this document. All normative documents are subject to revision and, since any reference to a normative document is deemed to be a reference to the latest edition of that document, parties to agreements based on this document are encouraged to take steps to ensure the use of the most recent editions of the normative documents indicated below. Information on currently valid national and international standards can be obtained from the SABS.

SANS 1600, *Permitted electric detonators.*

SANS 6141, *Permitted explosives – Gallery test.*

SANS 6142, *Permitted explosives – Continuity of detonation.*

SANS 6146, *Permitted explosives – Water resistance.*

SANS 6147, *Permitted explosives – Gap sensitivity.*

SANS 6148, *Permitted explosives – Low temperature sensitivity.*

SANS 6149, *Permitted explosives – Density.*

SANS 10012, *The use of light metals in hazardous locations at mines.*

SANS 10228, *The identification and classification of dangerous goods for transport.*

SANS 10229-1, *Transport of dangerous goods – Packaging and large packaging for road and rail transport – Part 1: Packaging.*

SANS 53631-14/EN 13631-14, *Explosives for civil uses – High explosives – Part 14: Determination of velocity of detonation.*