

## **SOUTH AFRICAN NATIONAL STANDARD**

### **The warehousing of dangerous goods**

### **Part 2: The storage and handling of gas cylinders**



**WARNING**  
This document references other documents normatively.

**SANS 10263-2:2015**  
Edition 1.1

**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
Amdt 1	2015	Amended to update referenced standards.

**Foreword**

This South African standard was approved by National Committee SABS/TC 1060/SC 04, *National committee for standards for dangerous goods including hazardous chemical substances and dangerous goods – Storage: Design and operation*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in February 2015.

This document supersedes SANS 10263-2:2008 (edition 1).

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

This document is used in conjunction with SANS 10263-0.

**This document is referenced in the Local Government Municipal Systems Act, 2000 (Act No. 32 of 2000) and the Consumer Protection Act, 2008 (Act No. 68 of 2008).**

In **3.2** mention is made of the authority that has jurisdiction over the storage of gases. In South Africa, the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) of the Department of Labour, regulates the storage of dangerous goods.

SANS 10263 consists of the following parts, under the general title *Warehousing of dangerous goods*:

*Part 0: General requirements.*

*Part 2: The storage and handling of gas cylinders.*

*Part 5: The storage and handling of oxidizing substances.*

*Part 8: The storage and handling of corrosive substances.*

Annexes B and C form an integral part of this document. Annex A is for information only.

## Contents

	Page
Foreword	
<b>1</b> Scope .....	3
<b>2</b> Normative references .....	3
<b>3</b> Definitions .....	4
<b>4</b> General .....	6
<b>4.1</b> Application of this standard .....	6
<b>4.2</b> Classification .....	7
<b>4.3</b> Safety requirements .....	7
<b>5</b> Warning information and responsibilities .....	7
<b>5.1</b> Warning notices, symbolic safety signs and product labels .....	7
<b>5.2</b> The responsibilities of the store manager or the warehouse controller .....	8
<b>5.3</b> Fire protection .....	10
<b>5.4</b> Housekeeping .....	10
<b>5.5</b> Security .....	10
<b>5.6</b> Cylinders for return to the supplier .....	10
<b>5.7</b> Misuse .....	10
<b>5.8</b> Electrical circuits .....	11
<b>5.9</b> Temperature limits .....	11
<b>5.10</b> Handling of cylinders .....	11
<b>5.11</b> Storage .....	11
<b>Annex A</b> (informative) Safe handling of gas cylinders .....	14
<b>Annex B</b> (normative) Storage configuration .....	16
<b>Annex C</b> (normative) General principles of cylinder storage .....	19
<b>Bibliography</b> .....	22

**SANS 10263-2:2015**  
Edition 1.1

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## **The warehousing of dangerous goods**

### **Part 2:**

### **The storage and handling of gas cylinders**

## **1 Scope**

This part of SANS 10263 specifies requirements for the safe handling and storage of industrial and medical gas cylinders for compressed, liquefied or dissolved gases that have a water capacity of 0,5 L to 150 L throughout the supply chain, to and from end users. It also includes undercover and open air conditions. Sites where gas cylinders are filled are specifically excluded.

This standard excludes liquefied petroleum gas (LPG), which is covered under SANS 10087-3 and SANS 10087-7, as well as pyrophoric gases that are not class 2 gases as defined in SANS 10228.

## **2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

ISO 7225, *Gas cylinders – Precautionary labels.*

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

SANS 10006, *Colour marking and identification of medical gas cylinders and anaesthetic apparatus.*

SANS 10019, *Transportable pressure receptacles for compressed, dissolved and liquefied gases – Basic design, manufacture, use and maintenance.*

SANS 10142-1, *The wiring of premises – Part 1: Low-voltage installations.*

SANS 10228, *The identification and classification of dangerous goods for transport by road and rail modes.*

SANS 10263-0, *The warehousing of dangerous goods – Part 0: General requirements.*

SANS 10400 (SABS 0400), *The application of the National Building Regulations.*