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SANS 10263-8:2012

Edition 1.1

SOUTH AFRICAN NATIONAL STANDARD

The warehousing of dangerous goods

Part 8: The storage and handling of corrosive substances

**Warning — Can only be used in conjunction with
SANS 10263-0.**

SANS 10263-8:2012
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Table of changes

Change No.	Date	Scope
Amdt 1	2012	Amended to correct cross-referencing, and to update referenced standards.

Foreword

This South African standard was approved by National Committee SABS SC 1060D, *National committee for standards for dangerous goods including hazardous chemical substances and dangerous goods waste – 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 published in June 2012.

This document supersedes SANS 10263-8:2010 (edition 1).

This document can only be used in conjunction with SANS 10263-0.

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

Reference is made in the note to 1(b) to the “relevant national legislation”. In South Africa this means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the Hazardous Substances Act, 1973 (Act No. 15 of 1973).

Reference is made in 1(f) and 5.3.4.1 to the “relevant national legislation”. In South Africa this means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993). **Amdt 1**

Reference is made in 5.3.4.4 to the “relevant national regulation”. In South Africa this means Part T of the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977).

Reference is made in 5.6.1.1 to the “relevant national legislation”. In South Africa this means the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Hazardous Substances Act, 1973 (Act No. 15 of 1973).

Reference is made in the note to 5.6.3.1 to the “relevant national legislation”. In South Africa this means the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the National Environmental Management Act, 1998 (Act No. 107 of 1998).

SANS 10263 consists of the following parts, under the general title *The 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.

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The warehousing of dangerous goods

Part 8:

The storage and handling of corrosive substances

1 Scope

This part of SANS 10263 specifies requirements for the safe storage and handling of corrosive substances of class 8, as defined in SANS 10228 in excess of the exempt quantity and their associated subsidiary risks, in locations that are generally industrial, commercial and retail.

The standard does not apply to

- a) the storage and handling of corrosive substances for domestic use in residential premises or for own use on farms;

NOTE This exemption does not apply to home-based industries using corrosives.

- b) laboratories;

NOTE This exemption does not provide for any exemption from the use of fume cabinets or any other safe working practice as may be required by the relevant national legislation (see foreword).

- c) the storage of corrosive substances in container sizes that exceed a capacity of 50 kg or 50 L, is dealt with in terms of SANS 10263-0;

- d) dangerous goods that have a class 8 subsidiary risk, as defined in SANS 10228;

- e) manufacturing, production or decanting facilities;

NOTE This part of SANS 10263 is applicable to storage facilities used for the storage of packaged corrosives associated with such manufacturing, production or decanting facilities.

- f) facilities designated as major hazard installations (MHI) in terms of the relevant national legislation (see foreword).

All the requirements of SANS 10263-0 are deemed to be applicable *mutatis mutandis* in this part of SANS 10263 unless otherwise stated.

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