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SANS 10187-7:2013

Edition 1.1

SOUTH AFRICAN NATIONAL STANDARD

Load securement on vehicles

Part 7: Abnormal loads

SANS 10187-7:2013
Edition 1.1

Table of changes

Change No.	Date	Scope
Amdt 1	2013	Amended to remove reference to specific subclauses and the date from a referenced standard.

Foreword

This South African standard was approved by National Committee SABS TC 1067, *Cargo restraints for land transportation*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in May 2013.

This document supersedes SANS 10187-7:2006 (edition 1).

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

Reference is made in 3.4, 4.13, 7.1.3, 7.2.3, 7.3.3, 7.4.3, 7.5.2, 7.6.2, 7.7.2 and 7.8.4 to "national legislation". In South Africa this means the National Road Traffic Act, 1996 (Act No. 93 of 1996).

SANS 10187 consists of the following parts, under the general title *Load securement on vehicles*:

Part 1: General requirements.

Part 2: General freight.

Part 3: Metal loads.

Part 4: Timber and sugar cane.

Part 5: Loose bulk loads.

Part 6: Containers.

Part 7: Abnormal loads.

Part 8: Dangerous goods.

Part 9: Glass sheeting.

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Load securement on vehicles

Part 7:

Abnormal loads

1 Scope

This part of SANS 10187 covers the safe securement and loading on vehicles of abnormal loads.

2 Normative reference

The following referenced document is 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 edition of the normative document indicated below. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

SANS 10187-1, *Load securement on vehicles – Part 1: General requirements*.

3 Positioning the load

3.1 The abnormal load shall be secured and loaded on vehicles in accordance with SANS 10187-1.

3.2 The abnormal load shall be positioned on the carrying vehicle such that permitted axle weights are not exceeded and that any reductions in vehicle stability and handling which result are minimized.

3.3 Large items of mobile equipment shall be carried on special-purpose low loaders to ensure that the centre of mass of the load is as low as possible for maximum vehicle stability.

3.4 The overall height of the load shall comply with the limits specified in national legislation (see foreword).

3.5 The mobile equipment shall be so positioned on the load platform that forward movement is prevented either by part of the vehicle or by an attached cross-member securely attached through the platform to the vehicle's chassis frame.