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Edition 1

SOUTH AFRICAN NATIONAL STANDARD

Suspended access equipment

Part 1: Permanently suspended access equipment

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Table of changes

Change No.	Date	Scope

Foreword

This South African standard was approved by National Committee STANSA TC 5120.52, *Access equipment*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

SANS 10295 consists of the following parts, under the general title *Suspended access equipment*:

Part 1: Permanently suspended access equipment.

Part 2: Temporary suspended access equipment. (In course of preparation.)

Annexes A to E form an integral part of this part of SANS 10295.

Introduction

Suspended access equipment (SAE) is classified into two main categories, namely:

- a) permanent systems; and
- b) temporary systems.

Permanent systems are known as building maintenance units (BMUs), whilst temporary systems are known as temporary suspended platforms (TSPs).

A BMU comprises a work platform suspended from steel wire ropes from a roof rig or from some other form of permanently installed support system specifically designed for this purpose. The platform is raised and lowered by one or more hoists. The roof rig or support system may be statically fixed onto the building structure or could be designed to move along a predetermined route on the building.

A BMU is a permanent assembly designed to provide a safe working platform that gives access to areas of a permanent structure and to serve only that structure, although parts of the installation may be demountable for storage purposes. In certain cases, permanent systems are supplemented by the use of TSPs. When TSPs are used in conjunction with BMUs, the TSPs should comply with requirements of SANS 51808 and with this part of SANS 10295.

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Suspended access equipment

Part 1:

Permanently suspended access equipment

1 Scope

1.1 This part of SANS 10295 specifies basic requirements for the inspection, testing, safe use and maintenance of building maintenance units (BMUs).

1.2 The safety requirements of this part of SANS 10295 are laid down with the assumption that persons are getting on and off the platform at one point. If the intended use of the BMU, specified by the manufacturer, includes getting on and off at different levels or points, the necessary additional measures, which are not specified in this part of SANS 10295, should be taken to cover this specific situation.

NOTE All users should take cognizance of the OHS Act, 1993, and its regulations and training disciplines before attempting to use a BMU.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of SANS 10295. 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 part of SANS 10295 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 Standards South Africa.

ASME Boiler and Pressure Vessel Code – Section 5, *Non-destructive examination*.

SANS 1804-1 (SABS 1804-1), *Induction motors – Part 1: IEC requirements*.

SANS 1903 (SABS 1903), *Safety requirements on suspended access equipment – Design calculations, stability criteria, construction – Tests*.

SANS 4309/ISO 4309 (SABS ISO 4309), *Cranes – Wire ropes – Code of practice for examination and discard*.

SANS 10142-1 (SABS 0142-1), *The wiring of premises – Part 1: Low-voltage installations*.

SANS 50361/EN 361 (SABS EN 361), *Personal protective equipment against falls from a height – Full body harnesses*.

SANS 51808/EN 1808 (SABS EN 1808), *Safety requirements on suspended access equipment – Design calculations, stability criteria, construction – Tests*.