

ISBN 978-0-626-25219-9

SANS 10400-S:2011

Edition 3

SOUTH AFRICAN NATIONAL STANDARD

The application of the National Building Regulations

Part S: Facilities for persons with disabilities

Published by SABS Standards Division
1 Dr Lategan Road Groenkloof ☒ Private Bag X191 Pretoria 0001
Tel: +27 12 428 7911 Fax: +27 12 344 1568

www.sabs.co.za

© SABS

SABS

SANS 10400-S:2011
Edition 3

Table of changes

Change No.	Date	Scope

Acknowledgement

The SABS Standards Division wishes to acknowledge the work of the South African Institute of Architects and the South African Institution of Civil Engineering in updating this document.

Foreword

This South African standard was approved by National Committee SABS SC 59Q, *Construction standards – Facilities for persons with disabilities in buildings and the built environment*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in April 2011.

This document supersedes the corresponding parts of SABS 0400:1990 (first revision) and SABS 0246:1993 (edition 1).

Compliance with the requirements of this document will be deemed to be compliance with the requirements of part S of the National Building Regulations, issued in terms of the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977).

SANS 10400 consists of the following parts, under the general title *The application of the National Building Regulations*:

Part A: General principles and requirements.

Part B: Structural design.

Part C: Dimensions.

Part D: Public safety.

Part F: Site operations.

Part G: Excavations.

Part H: Foundations.

Part J: Floors.

Part K: Walls.

Part L: Roofs.

Part M: Stairways.

Part N: Glazing.

Foreword *(concluded)*

Part O: Lighting and ventilation.

Part P: Drainage.

Part Q: Non-water-borne means of sanitary disposal.

Part R: Stormwater disposal.

Part S: Facilities for persons with disabilities.

Part T: Fire protection.

Part V: Space heating.

Part W: Fire installation.

This document should be read in conjunction with SANS 10400-A. The requirements of this document form part of SANS 10400-D, SANS 10400-M and SANS 10400-T.

Annexes A to D are for information only.

SANS 10400-S:2011

Edition 3

Contents

	Page
Acknowledgement	
Foreword	
1 Scope	3
2 Normative references	3
3 Definitions	4
4 Requirements	8
4.1 General	8
4.2 Signage	9
4.3 Parking	10
4.4 External and internal circulation	11
4.5 Floor or ground surfaces	14
4.6 Doorways, doors and door handles	14
4.7 Changes in level	17
4.8 Ramps	17
4.9 Stairways	19
4.10 Handrails	19
4.11 Lifts	20
4.12 Toilet facilities	21
4.13 Auditoriums, grandstands and halls	23
4.14 Controls, switches and power points	23
4.15 Warning signals	24
4.16 Lighting	24
Annex A (informative) National Building Regulations – Part S: Facilities for Persons with Disabilities	25
Annex B (informative) Access needs of persons with disabilities in the context of the South African legislative framework	27
Annex C (informative) Access needs of persons with different disabilities	31
Annex D (informative) Notes on the design and layout of toilet facilities for persons with disabilities	38
Bibliography	46

The application of the National Building Regulations

Part S: Facilities for persons with disabilities

1 Scope

This part of SANS 10400 provides deemed-to-satisfy requirements for compliance with part S (Facilities for Persons with Disabilities) of the National Building Regulations.

NOTE 1 Part S of the National Building Regulations, issued in terms of the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977), is reproduced in annex A.

NOTE 2 Compliance with the requirements of this part of SANS 10400 does not necessarily ensure compliance with all legislative provisions (see annexes B and C). Other standards may be applicable for dealing with specific matters that are not covered by the National Building Regulations, e.g. ISO 7193 should be used to ensure that workbenches etc. are accessible to wheelchair users.

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.

SANS 784, *Design for access and mobility – Tactile indicators.*

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

SANS 10389-1, *Exterior lighting – Part 1: Artificial lighting of exterior areas for work and safety.*

SANS 10400-A, *The application of the National Building Regulations – Part A: General principles and requirements.*

SANS 10400-D, *The application of the National Building Regulations – Part D: Public safety.*

SANS 10400-M, *The application of the National Building Regulations – Part M: Stairways.*

SANS 10400-O, *The application of the National Building Regulations – Part O: Lighting and ventilation.*

SANS 10400-P, *The application of the National Building Regulations – Part P: Drainage.*

SANS 10400-T, *The application of the National Building Regulations – Part T: Fire protection.*