

ISBN 978-0-626-34172-5

**SANS 10400-G:2017**

Edition 3.1

# **SOUTH AFRICAN NATIONAL STANDARD**

## **The application of the National Building Regulations**

### **Part G: Excavations**

**WARNING**

**This document references other  
documents normatively.**

---

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](http://www.sabs.co.za)

© SABS

**SABS**

---

This page has been left blank intentionally



## **COPYRIGHT PROTECTED DOCUMENT**

© SABS

In terms of the Standards Act 8 of 2008, the copyright in all South African National Standards or any other publications published by the SABS Standards Division, vests in the SABS. Any use of South African National Standards is limited to use specifically prescribed by the SABS. In the case of a South African National Standard based on an international standard, ownership of the copyright vests in the organization from which the SABS adopted the standard, whether it be under licence or membership agreement. The SABS is obliged to protect such copyright and is authorized to make the relevant international organization aware of any misuse thereof. Unless exemption has been granted, no extract or full text of any South African National Standard may be copied, reproduced, stored in a retrieval system or transmitted in any form or by any means without prior written permission from the SABS Standards Division. This does not preclude the free use, in the course of implementing the standard, of necessary details such as symbols, and size, type or grade designations. If these details are to be used for any purpose other than implementation, prior written permission must be obtained.

Details, advice and limitations of use can be obtained from the Manager: Standards Sales and Information Services. Tel: +27 (0) 12 428 6883 email: [sales@sabs.co.za](mailto:sales@sabs.co.za)

### **SABS – Standards Division**

The objective of the SABS Standards Division is to develop, promote and maintain South African National Standards. This objective is incorporated in the Standards Act, 2008 (Act No. 8 of 2008).

The SABS continuously strives to improve the quality of its products and services and would therefore be grateful if anyone finding an inaccuracy or ambiguity while using this standard would inform the secretary of the technical committee responsible, the identity of which can be found in the foreword.

### **Buying Standards**

Contact the Sales Office for South African and international standards, which are available in both electronic and hard copy format. Tel: +27 (0) 12 428 6883 email: [sales@sabs.co.za](mailto:sales@sabs.co.za)

South African National Standards are also available online from the SABS Webstore [www.store.sabs.co.za](http://www.store.sabs.co.za)

### **Information on Standards**

SABS Customer Services provide comprehensive standards-related information on national, regional and international standards. Tel: +27 (0) 12 428 7911 / 0861 27 7227 email: [info@sabs.co.za](mailto:info@sabs.co.za)

**SANS 10400-G:2017**  
Edition 3.1

**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
Amdt 1	2017	Amended to delete the acknowledgement, to delete the note to the scope, and to delete the annex on National Building Regulations – Part G: Excavations.

**Acknowledgement** Deleted by amendment No. 1.

**Foreword**

This South African standard was prepared by National Committee SABS/TC 060, *Construction standards*, in accordance with procedures of the SABS, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in May 2017.

This document supersedes SANS 10400-G:2011 (edition 3).

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

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

**Compliance with this document cannot confer immunity from legal obligations.**

This document should be read in conjunction with SANS 10400-A.

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.*

**Foreword** *(concluded)*

*Part M: Stairways.*

*Part N: Glazing.*

*Part O: Lighting and ventilation.*

*Part P: Drainage.*

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

*Part R: Storm water disposal.*

*Part S: Facilities for persons with disabilities.*

*Part T: Fire protection.*

*Part V: Space heating.*

*Part W: Fire installation.*

*Part X: Environmental sustainability.*

*Part XA: Energy usage in buildings.*

Annex A Deleted by amendment No. 1.

|