

ISBN 978-0-626-26403-1

**SANS 204:2011**

Edition 1

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Energy efficiency in buildings**

---

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**



**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>

**Acknowledgement**

The SABS Standards Division wishes to acknowledge the valuable assistance derived from the Australian Building Codes Board.

**Foreword**

This South African standard was approved by National Committee SABS SC 59G, *Construction standards – Energy efficiency and energy use in 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 August 2011.

Reference is made in 4.5.1.1 and 4.6.1.1 to the "relevant legislation". In South Africa this means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993).

Annexes A, B, C, D and E form an integral part of this document. Annex F is for information only.

ISBN 978-0-626-25224-3

**SANS 10400-XA:2011**

Edition 1

## **SOUTH AFRICAN NATIONAL STANDARD**

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

#### **Part X: Environmental sustainability**

#### **Part XA: Energy usage in buildings**

---

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**



**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>

**Foreword**

This South African standard was approved by National Committee SABS SC 59G, *Construction standards – Energy efficiency and energy use in 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 August 2011.

Compliance with the requirements of this document will be deemed to be compliance with the requirements of part XA 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.*

*Part O: Lighting and ventilation.*

*Part P: Drainage.*

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