

SINGAPORE NATIONAL ANNEX

# NA to SS EN 1990 : 2008

(ICS 91.010.30)

## Singapore National Annex to Eurocode – Basis of structural design

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## Contents

	<b>Page</b>
National Foreword _____	6

### **CLAUSES**

NA.1 Scope _____	7
NA.2 Nationally determined parameters _____	7
NA.3 Guidance on using the informative annexes B, C and D _____	12
NA.4 Reference to non-contradictory complementary information _____	12

### **TABLES**

NA.2.1 Indicative design working life _____	8
NA.A1.1 Values of $\Psi$ factors for buildings _____	8
NA.A1.2(A) Design values of actions (EQU) (Set A) _____	9
NA.A1.2(B) Design values of actions (STR/GEO) (Set B) _____	10
NA.A1.2(C) Design values of actions (STR/GEO) (Set C) _____	11
NA.A1.3 Design values of actions for use in accidental and seismic combinations of actions _____	11

## **National Foreword**

This National Annex was prepared by the Technical Committee on Building Structure and Sub-structure under the purview of the Building and Construction Standards Committee.

This standard is an adoption of UK National Annex to Eurocode 0 – Basis of structural design and is implemented with the permission of British Standards Publishing Ltd.

Acknowledgement is made to BSI for the use of information from the above publication.

This Singapore NA contains information on those parameters which are left open in EN 1990 for national choice, known as nationally determined parameters. The Singapore NA is to be read in conjunction with the SS EN 1990 : 2008 – Eurocode 0 : Basis of structural design.

At the time of publication, this standard is expected to be used as a reference in the Building and Construction Authority's 'Approved Document – Acceptable Solutions'.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. SPRING Singapore shall not be held responsible for identifying any or all of such patent rights.

### **NOTE**

- 1. Singapore Standards are subject to periodic review to keep abreast of technological changes and new technical developments. The changes in Singapore Standards are documented through the issue of either amendments or revisions.*
- 2. Compliance with a Singapore Standard does not exempt users from legal obligations.*

## **Singapore National Annex to SS EN 1990 : 2008 – Eurocode – Basis of structural design**

### **NA.1 Scope**

**NA.1.1** This Annex gives:

- a) Nationally determined parameters for the following clauses of SS EN 1990 where national choice is allowed. The nationally determined parameters for the clauses below apply to buildings and civil engineering works (see NA.2.1).
  - A2.1 (1)
- b) Nationally determined parameters, applicable to buildings only for the following clauses of SS EN 1990 where national choice is allowed (see NA.2.2).
  - A1.2.1 (1)
  - A1.2.2 (Table A.1.1)
  - A1.3.1 (1) Tables A1.2 (A) to (C)
  - A1.3.1 (5)
  - A1.3.2 (Table A.1.3)
  - A1.4.2 (2)

NOTE – Clauses applicable for bridges; cranes and machinery; silos and tanks, etc. will be added by amending the National Annex at appropriate future dates.
- c) Guidance on use of the Informative Annexes B, C and D for buildings and civil engineering works (see NA.3).
- d) References to non-contradictory complementary information applicable to buildings and civil engineering works (see NA.4).

### **NA.2 Nationally determined parameters**

#### **NA.2.1 Nationally determined parameters for buildings and civil engineering works**

##### **NA.2.1.1 SS EN 1990 Clause A.1.1 Field of application**

Table NA.2.1 provides modified values for the design working life given in Table 2.1 of SS EN 1990.