

Replaces, together with the code SIA 262/1, the codes SIA 162, Edition 1993, and SIA 162/1, Edition 1989

Betonbau
Constructions en béton
Strutture in calcestruzzo

Concrete Structures

262

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FOREWORD

The present code SIA 262 is directed towards design engineers. Also addressed are owners and those involved in site supervision and the execution of construction works.

SIA 262 is part of the Swiss structural codes. It follows in general the European Standard EN 1992-1-1 *Design of concrete structures – Part 1: General rules and rules for buildings* and it integrates the provisions of SN EN 206-1 *Concrete – Part 1: Specification, performance, production and conformity*.

The Swiss structural codes comprise the following:

- SIA 260 Basis of structural design
- SIA 261 Actions on structures
- SIA 262 Concrete structures
- SIA 263 Steel structures
- SIA 264 Composite steel and concrete structures
- SIA 265 Timber structures
- SIA 266 Masonry
- SIA 267 Geotechnical design.

It is planned to add to the Swiss structural codes a code on the conservation of structures.

SIA 262 has been adapted to European standards in terms of the designation of concrete types and reinforcing steel products and a change in the specification of concrete as “designed concrete” (for standard cases) or as “prescribed concrete” (for exceptional cases) has taken place. In addition, the exposure classes introduced with SN EN 206-1 which describe the most important environmental influences have been adopted. The dimensioning methods (e.g. fatigue, earthquake, serviceability) have been adapted to the latest developments. In some cases (e.g. members without shear reinforcement, punching), new findings have been incorporated in the code.

Project Management Swisscodes and Drafting Panel for the code SIA 262

Abbreviations of organisations represented in Commission SIA 162

ASTRA Swiss Federal Roads Authority

EPFL Swiss Federal Institute of Technology, Lausanne

ETHZ Swiss Federal Institute of Technology, Zurich

FH University of Applied Sciences

TFB Technical Research and Consulting Agency for Cement and Concrete

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Acceptance and coming into force

The central committee for codes and regulations accepted the present code SIA 262 on 10 December 2002.

It comes into force on 1 January 2003.

It replaces, together with the code SIA 262/1, the codes SIA 162 *Concrete structures*, Edition 1993, and SIA 162/1 *Concrete structures – materials testing*, Edition 1989.

Interim regulations

Up to 30 June 2004 the code SIA 162, Edition 1993, can still be used, but only together with the structural codes to which it refers.

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