

Designers' Guide to Eurocode 4: Design of composite structures EN 1994-2

Designers' Guide to Eurocodes

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About the Book

This book is an authoritative guide to the technical background and practical aspects of this European code of practice that will supersede corresponding national codes in the countries that are members of the European Standardisation Organisation - CEN (Comité Européen de Normalisation).

This book provides guidance on the interpretation and use of EN 1994-2 and presents worked examples. It deals with the issues that are encountered in typical steel and concrete composite bridge designs, and explains the relationships between EN 1994-1-1, EN 1994-2 and the other Eurocodes. There are references to EN 1992 for concrete structures and EN 1993 for steel structures and the guide includes the application of their provisions in composite structures. This book also provides background information and references to enable users of Eurocode 4 understand the origin and objectives of its provisions.

The need to use many Eurocode parts can initially appear a daunting task to find information in the sequence required for a real design. To assist with this process, flow charts are provided for selected topics.

This guide is essential reading for

- civil and structural engineers
- code-drafting committees
- client
- structural-design students
- public authorities
- researchers
- trainers



Format: Hardback
Pagination: 208
Price:
£116.50 \$172.50 €134.00
Publication Date:
23rd Aug 2006
ISBN: 9780727731616

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