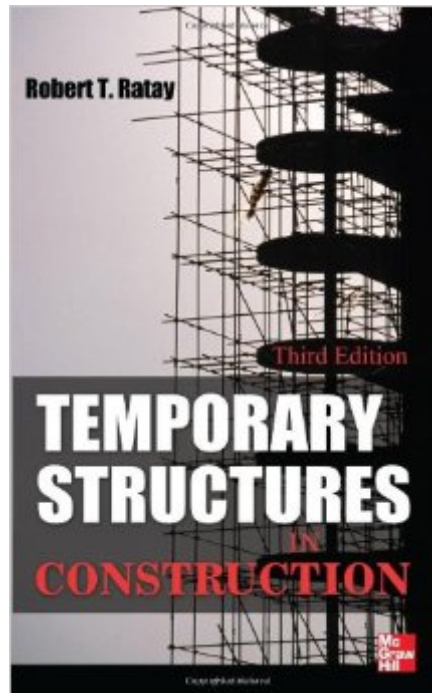


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# Temporary Structures In Construction, Third Edition



## Synopsis

The most complete and current guide to temporary structures in design and construction. With significant revisions, updates, and new chapters, *Temporary Structures in Construction, Third Edition* presents authoritative information on professional practice, codes, standards, design, erection, maintenance, and failures of temporary support and access structures used in construction. New developments and advancing technologies are discussed throughout the book, and new chapters on construction and environmental loads, cranes, and lessons learned from temporary structure failures have been added. Improve the quality, safety, speed, and financial success of construction projects with help from this practical resource. Inside, 26 expert contributors cover:

- Professional and business practices
- Standards, codes, and regulations
- Construction and environmental loads
- Construction site safety
- Legal aspects
- Cofferdams
- Earth-retaining structures
- Diaphragm/slurry walls
- Construction dewatering
- Underground/tunneling supports
- Underpinning
- Roadway decking
- Construction ramps, runways, and platforms
- Scaffolding
- Shoring/falsework
- Concrete formwork
- Bracing and guying for stability
- Bridge falsework
- Temporary structures in repair and restoration
- Cranes
- Protection of site, adjacent areas, and utilities
- Failure of temporary structures in construction

## Book Information

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## Customer Reviews

This book is acceptable, but despite its thickness is not as comprehensive as I would have liked. It

is more informative than practical; and that is probably what it should be, Construction Engineers (I use to be one early in my career) requires a considerable amount of knowledge in engineering, you could not possibly place all the information needed to solve the gamut of construction engineering problems in one book. Anyway, the book is good, it gives you some guidelines, and it provides you with some good references to expand research on specific topics. Unfortunately it does not provide sufficient detail for actual design in a number of topics, e.g. trench plate design and formwork design. Bryan

Good reference for students and professionals.

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