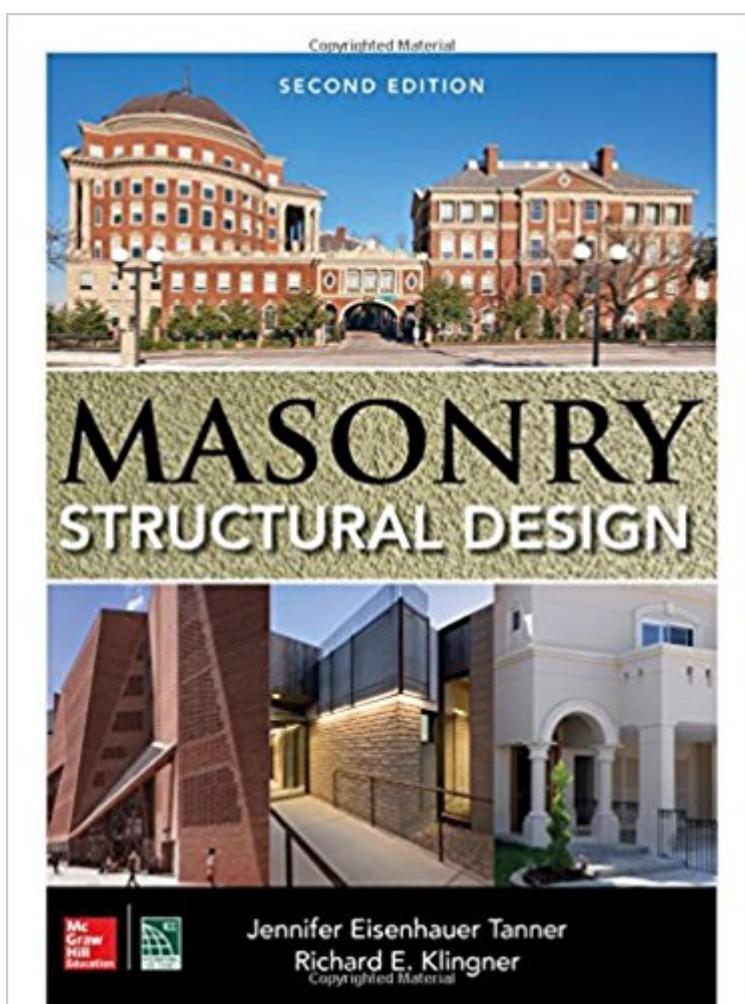


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# Masonry Structural Design, Second Edition (P/L Custom Scoring Survey)



## Synopsis

Thoroughly Updated Coverage of Masonry Codes, Materials, and Structural Design This fully revised resource covers the design of masonry structures using the 2015 International Building Code, the ASCE 7-10 loading standard, and the TMS 402-13 and TMS 602-13 design and construction standards. The book emphasizes the strength design of masonry and includes allowable-stress provisions. The latest advances, materials, and techniques are clearly explained. Chapter-long case studies featuring a low-rise building with reinforced concrete masonry and a four-story building with clay masonry illustrate the topics presented. *Masonry Structural Design, Second Edition*, covers:

- Structural behavior and design of low-rise, bearing wall buildings
- Materials used in masonry construction
- Code basis for structural design of masonry buildings
- Basics of seismic design in masonry buildings
- Introduction to MSJC treatment of structural design
- Strength design of reinforced and unreinforced masonry elements
- Allowable-stress design of reinforced and unreinforced masonry elements
- Comparison of design by the allowable-stress approach versus the strength approach
- Lateral load analysis of shear wall structure
- Design and detailing of floor and roof diaphragms
- Structural design of AAC masonry

## Book Information

Series: P/L Custom Scoring Survey

Hardcover: 528 pages

Publisher: McGraw-Hill Education; 2 edition (May 12, 2017)

Language: English

ISBN-10: 1259641759

ISBN-13: 978-1259641756

Product Dimensions: 7.5 x 1.2 x 9.4 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

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## Customer Reviews

Jennifer Eisenhauer Tanner, Ph.D., P.E., FACI is an Associate Professor of Civil and Architectural Engineering at University of Wyoming, Laramie, Wyoming. She has practiced professionally as a consulting engineer with Atkinson-Noland & Associates and is a member of The Masonry Society and the American Concrete Institute. Richard E. Klingner, Ph.D., P.E., FTMS, FACI, is Professor Emeritus in Civil Engineering at the University of Texas at Austin, where he has taught courses in architectural engineering, structural engineering, and transportation engineering.

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