

MASONRY DESIGN MANUAL

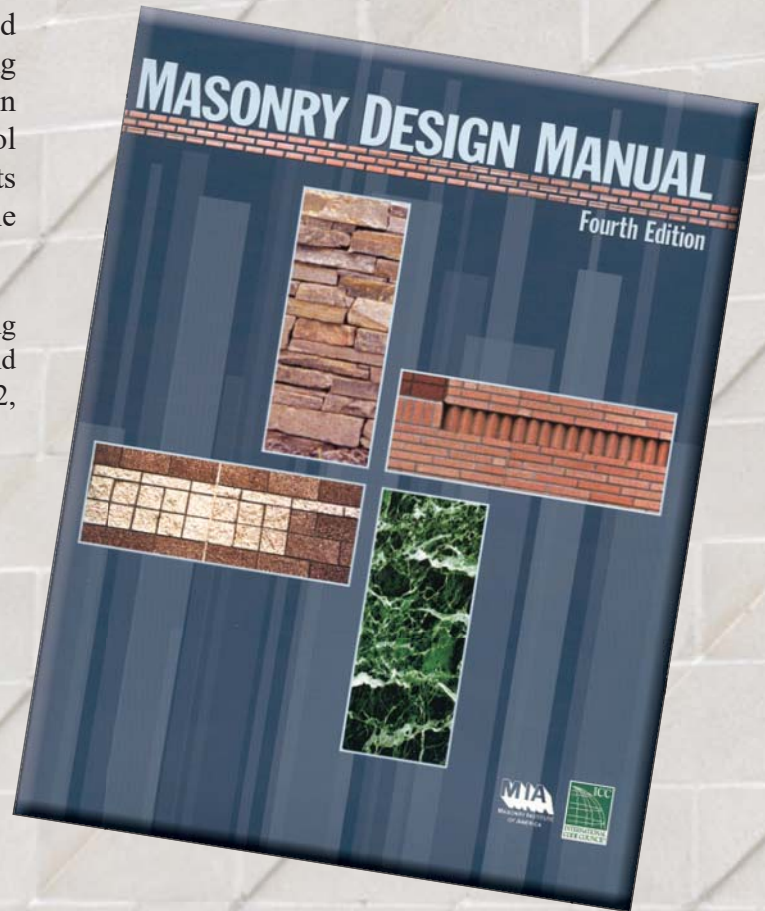
Fourth Edition

The Masonry Design Manual is intended to assist the designer in understanding masonry materials and the construction process. The material presented is a valuable tool for non-engineering disciplines, such as architects and contractors and benefits the designer in the application of masonry.

Provisions of the International Building Code, Building Code Requirements for Masonry Structures and Specification for Masonry Structures, TMS 402/602, have been incorporated in this publication.

This book includes information on:

- Clay Brick Units
- Concrete Masonry Units
- Natural Stone
- Glass Block
- Reinforcing Steel
- Veneer
- Mortar and Grout
- Brick Masonry Construction
- Concrete Brick Construction
- and Masonry Details



432 Pages

Price: \$49.99



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2807 Oregon Ct., Suite F6
Torrance, CA 90503-2635
(310) 257-9000 - Toll free (800) 221-4000

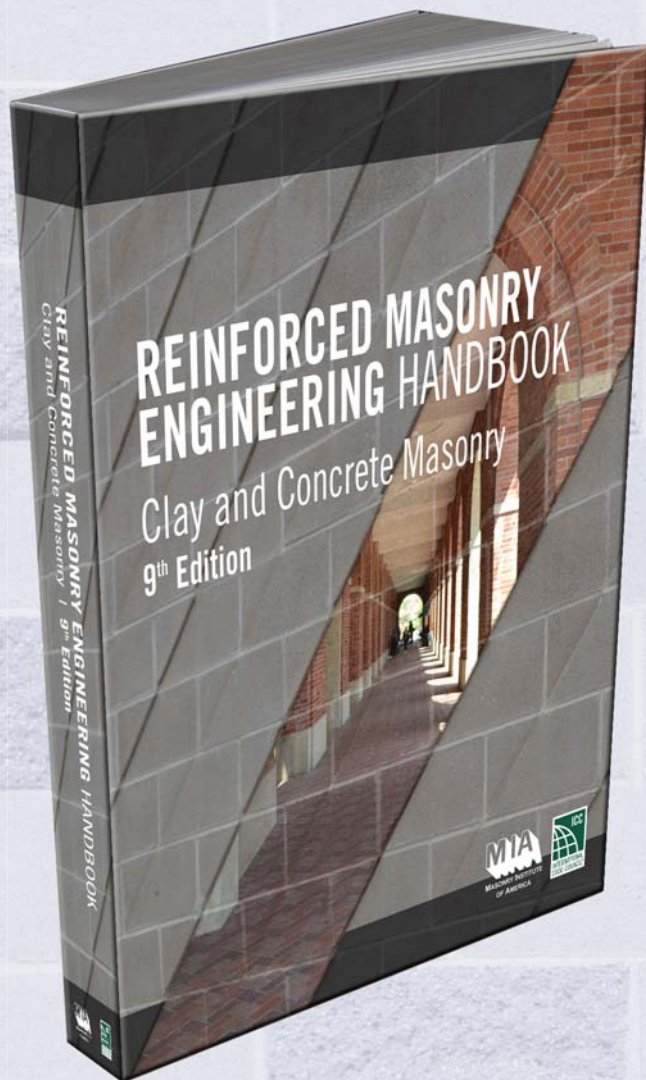
MASONRY DESIGN MANUAL, Fifth Edition

	Unit Price	Sales Tax	Shipping/ Handling	Total
California Residents	\$49.99	\$5.00	\$23.00	\$77.99
Orders Outside California	\$49.99	—	\$23.00	\$72.99

Publication may be ordered online at: <http://www.masonryinstitute.org>

REINFORCED MASONRY ENGINEERING HANDBOOK

CLAY AND CONCRETE MASONRY, NINTH EDITION



804 Pages

Price: \$139.95

Reinforced Masonry Engineering Handbook, 9th Edition, is based on the requirements of the 2021 *International Building Code* and The Masonry Society (TMS 402/602-16) *Building Code Requirements and Specification for Masonry Structures*. This book is useful to designers of reinforced masonry in eliminating repetitious and routine calculations. This handbook will increase the understanding and reduce the time required for masonry design.

In addition to the code requirements, sound engineering practice has been included in this publication to serve as a guide to the engineer and designer using it.

The techniques included in this publication have been reviewed by competent engineers who have found the results to be satisfactory and meet minimum code requirements.

Detailed explanations and applications of allowable stress design and strength design procedures are presented.

More than ninety step-by-step examples are provided, including a one-story building and a seven-story building design.

This book addresses essential information on:

- **Materials**
- **Masonry Assemblage, Strengths and Properties**
- **Loads**
- **Distribution and Analysis for Lateral Forces**
- **Design of Structural Members by Allowable Stress Design**
- **Design of Structural Members by Strength Design**
- **Details of Reinforcement and Construction**
- **Building Details**
- **Special Topics**
- **Formulas for Reinforced Masonry Design**
- **Retaining Walls**

The *Reinforced Masonry Engineering Handbook, 9th Edition* is intended to assist the designer in understanding masonry design and provides hundreds of drawings to maximize your ability in the practice of masonry engineering.

REINFORCED MASONRY ENGINEERING HANDBOOK, 9TH EDITION

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 Torrance, CA 90503-2635
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