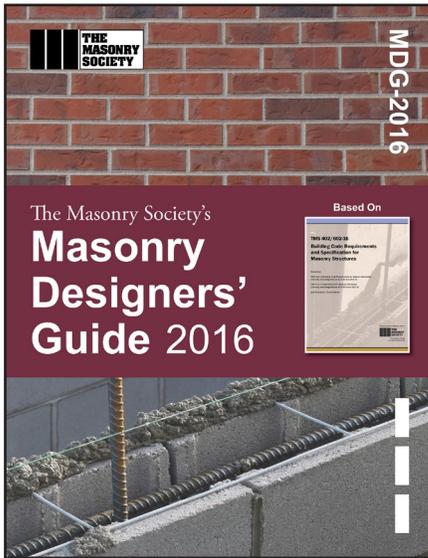


MASONRY DESIGNERS' GUIDE - 2016



The 9th Edition of the Masonry Designers' Guide, designated as the MDG-2016 so that readers know it is based on the 2016 TMS 402 and TMS 602 has been completely updated. Numerous additions and changes have been made, including a new Chapter on Reinforcement and Connectors, discussion and examples on new TMS 402-16 provisions, information related to masonry design requirements in the 2018 International Building Code (IBC), and updates related to new loading requirements in ASCE 7-16.

The MDG-2016 is an excellent resource for designers as well as students learning about masonry because it:

- was developed by dozens of masonry experts familiar with masonry design and Code requirements governing masonry's use
- includes over 110 practical examples for typical masonry buildings and components
- provides practical tips on how to quickly and efficiently design typical masonry
- includes drawings and photographs to illustrate concepts and procedures discussed

Topics covered in the 21 chapters of the MDG-2016 include masonry materials, testing, quality assurance, quality control, construction methods, structural design, seismic design, and using the TMS 402/602 with model Building Codes. A companion website has been created to provide users with additional resources including the complete MDG-2016 for reference (print protected, read only format), Excel spreadsheets used in some of the design examples and select technical notes on clay brick and concrete masonry that are often used by designers are also included.

SKU: TMS-1001-18

Retail Price: \$160.00

Member Price: \$120.00

MASONRY STRUCTURES: BEHAVIOR AND DESIGN, 4TH EDITION

The most widely used masonry textbook, Masonry Structures, Behavior and Design, by Dr. Ahmad Hamid has been completely updated and will be available from The Masonry Society (TMS) in the Spring of 2018. The long-awaited update to this popular textbook includes much of the discussion that made previous editions so useful in both the classroom and in the workplace, but it has also been revised to discuss new research findings and to reflect the design provisions in the 2016 TMS 402/602 Building Code Requirements and Specification for Masonry Structures.

The fourth edition incorporates discussions on:

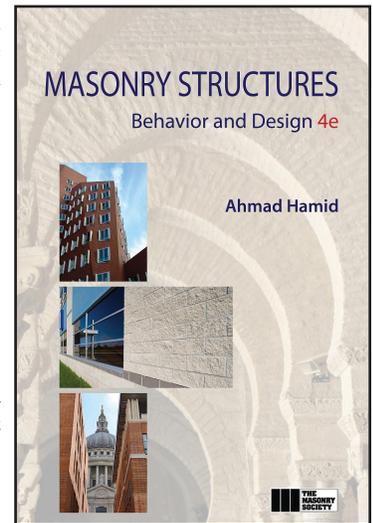
- Ancient Masonry
- Contemporary Masonry
- Building Design
- Masonry Materials, Construction, and Detailing
- Reinforced Beams and Lintels
- Flexural Walls
- Loadbearing Walls Under Axial Load and Out-of-Plane Bending
- Columns and Pilasters
- Shear Walls
- Infill Walls and Partitions
- Masonry Veneer and Cavity Walls
- Connectors
- Fire Resistance and Design for Environmental Loads

The textbook includes numerous design examples (based on the strength design method) and two buildings designs: a single-story building and a multistory building. This textbook is ideal for undergraduate and graduate level courses and it is an exceptional reference for practicing designers.

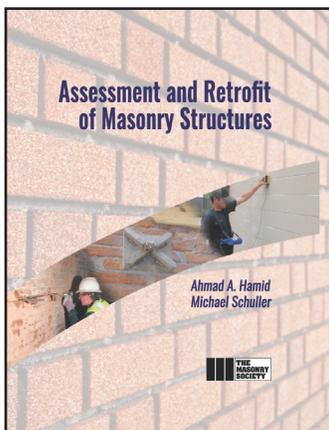
SKU: TMS-1409-18

Retail Price: \$180.00

Member Price: \$135.00



ASSESSMENT AND RETROFIT OF MASONRY STRUCTURES



The purpose of this book is to provide background, reference material, and guidance to design professionals, building owners, and contractors confronted with addressing existing masonry construction. Information related to construction characteristics, typical material properties, and analytical approaches are included for historic, transitional, and modern masonry construction typologies. The main focus of the book is structural stabilization, strengthening, and retrofit with maintenance and serviceability items (such as water penetration and cleaning) addressed as subtopics.

This book incorporates discussion on:

- Retrofit
- Monitoring
- Maintenance
- The evaluation and retrofit process
- Site investigations and analysis

Assessment and retrofit projects conducted by the authors are presented in a special Chapter as case studies to highlight technical issues and illustrate the process of developing a rational assessment and retrofit methodology for different types of masonry assessment and retrofit projects.

SKU: TMS-1710-19

Retail Price: \$180.00

Member Price: \$135.00

For additional details or to order these and other masonry design, construction, evaluation or repair resources, visit masonrysociety.org

phone: 303-939-9700 ... fax: 303-541-9215 ... email: info@masonrysociety.org

