

# Standard Calculation Methods for Structural Fire Protection

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**American Society of Civil Engineers** 

## Standard Calculation Methods for Structural Fire Protection







Published by the American Society of Civil Engineers

#### Library of Congress Cataloging-in-Publication Data

Milke, J. A. (James A.)

Standard calculation methods for structural fire protection : ASCE/SEI/SFPE 29-05 / James Milke.

p. cm.

Includes bibliographical references and index.
ISBN 0-7844-0874-2 (alk. paper)
1. Fire resistant materials—Standards. 2. Fire resistant

materials—Mathematical models—Standards. 3. Engineering mathematics—Formulae. I. Title.

TH1065.M55 2006 693.8'2-dc22

2006024175

Published by American Society of Civil Engineers 1801 Alexander Bell Drive Reston, Virginia 20191 www.pubs.asce.org

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## **STANDARDS**

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The following Standards have been issued:

- ANSI/ASCE 1-82 N-725 Guideline for Design and Analysis of Nuclear Safety Related Earth Structures
- ANSI/ASCE 2-91 Measurement of Oxygen Transfer in Clean Water
- ANSI/ASCE 3-91 Standard for the Structural Design of Composite Slabs and ANSI/ASCE 9-91 Standard Practice for the Construction and Inspection of Composite Slabs
- ASCE 4-98 Seismic Analysis of Safety-Related Nuclear Structures
- Building Code Requirements for Masonry Structures (ACI 530-02/ASCE 5-02/TMS 402-02) and Specifications for Masonry Structures (ACI 530.1-02/ASCE 6-02/TMS 602-02)
- ASCE/SEI 7-05 Minimum Design Loads for Buildings and Other Structures
- SEI/ASCE 8-02 Standard Specification for the Design of Cold-Formed Stainless Steel Structural Members
- ANSI/ASCE 9-91 listed with ASCE 3-91
- ASCE 10-97 Design of Latticed Steel Transmission Structures

SEI/ASCE 11-99 Guideline for Structural Condition Assessment of Existing Buildings

- ASCE/EWRI 12-05 Guideline for the Design of Urban Subsurface Drainage
- ASCE/EWRI 13-05 Standard Guidelines for Installation of Urban Subsurface Drainage
- ASCE/EWRI 14-05 Standard Guidelines for Operation and Maintenance of Urban Subsurface Drainage
- ASCE 15-98 Standard Practice for Direct Design of Buried Precast Concrete Pipe Using Standard Installations (SIDD)

ASCE 16-95 Standard for Load Resistance Factor Design (LRFD) of Engineered Wood Construction ASCE 17-96 Air-Supported Structures

- ASCE 18-96 Standard Guidelines for In-Process **Oxygen Transfer Testing** ASCE 19-96 Structural Applications of Steel Cables for Buildings ASCE 20-96 Standard Guidelines for the Design and Installation of Pile Foundations ANSI/ASCE/T&DI 21-05 Automated People Mover Standards-Part 1 ASCE 21-98 Automated People Mover Standards—Part 2 ASCE 21-00 Automated People Mover Standards-Part 3 SEI/ASCE 23-97 Specification for Structural Steel Beams with Web Openings ASCE/SEI 24-05 Flood Resistant Design and Construction ASCE/SEI 25-06 Earthquake-Actuated Automatic Gas Shutoff Devices ASCE 26-97 Standard Practice for Design of Buried Precast Concrete Box Sections ASCE 27-00 Standard Practice for Direct Design of Precast Concrete Pipe for Jacking in Trenchless Construction ASCE 28-00 Standard Practice for Direct Design of Precast Concrete Box Sections for Jacking in Trenchless Construction ASCE/SEI/SFPE 29-05 Standard Calculation Methods for Structural Fire Protection SEI/ASCE 30-00 Guideline for Condition Assessment of the Building Envelope SEI/ASCE 31-03 Seismic Evaluation of Existing **Buildings** SEI/ASCE 32-01 Design and Construction of Frost-Protected Shallow Foundations EWRI/ASCE 33-01 Comprehensive Transboundary International Water Quality Management Agreement EWRI/ASCE 34-01 Standard Guidelines for Artificial Recharge of Ground Water EWRI/ASCE 35-01 Guidelines for Quality Assurance of Installed Fine-Pore Aeration Equipment CI/ASCE 36-01 Standard Construction Guidelines for Microtunneling SEI/ASCE 37-02 Design Loads on Structures during Construction CI/ASCE 38-02 Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data EWRI/ASCE 39-03 Standard Practice for the Design
- and Operation of Hail Suppression Projects
- ASCE/EWRI 40-03 Regulated Riparian Model Water Code

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ASCE/SEI 41-06 Seismic Rehabilitation of Buildings

ASCE/EWRI 42-04 Standard Practice for the Design and Operation of Precipitation Enhancement Projects

- ASCE/SEI 43-05 Seismic Design Criteria for Structures, Systems, and Components in Nuclear Facilities
- ASCE/EWRI 44-05 Standard Practice for the Design and Operation of Supercooled Fog Dispersal Projects
- ASCE/EWRI 45-05 Standard Guidelines for the Design of Urban Stormwater Systems
- ASCE/EWRI 46-05 Standard Guidelines for the Installation of Urban Stormwater Systems
- ASCE/EWRI 47-05 Standard Guidelines for the Operation and Maintenance of Urban Stormwater Systems
- ASCE/SEI 48-05 Design of Steel Transmission Pole Structures

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