

CHAPTER 100

REFERENCED STANDARDS

[Instructions to ICC in blue in brackets]

[The Chapter 100 designation in the 7th Ed of the MA State Building Code replaces the Chapter 35 designation of IBC 2003].

[Only a few promulgating agencies and their standards are shown here – the promulgating agencies for the principal structural standards and their respective standards. Note that there are revisions to many of the listings. Include all other promulgating agencies and their respective standards in the printing].

[Format below is for draft purposes only. Use IBC 2003 Chapter 35 format for printing. The third column is to be filled in by ICC where references are omitted. Where chapter references are given in the third column, ICC should change them to the appropriate section references].

This chapter lists the standards that are referenced in various sections of this document. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title, and the section or sections of this document that reference the standard. The application of the referenced standards shall be as specified in Section 101.6.

| Standard Reference No. | Title | Referenced in code section no. |
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| AASHTO AASHTO Standard | American Association of State Highway and Transportation Officials Standard Specifications for Highway Bridges, 17th Edition, 2002. | |
| AA ADM 1—00 ASM 35—80 | Aluminum Association, 900 - 19th Street N.W., Suite 300, Washington, DC 20006 Aluminum Design Manual: Part 1-A Aluminum Structures, Allowable Stress Design; and Part 1-B—Aluminum Structures, Load and Resistance Factor Design of Buildings and Similar Type Structures Aluminum Sheet Metal Work in Building Construction | Chapters 16 and Section 2002.1 2002.1 |

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| ACI | American Concrete Institute, P.O. Box 9094, Farmington Hills, MI 48333-9094 | |
| 216.1—97 | Standard Method for Determining Fire Resistance of Concrete and Masonry Construction Assemblies | Table 721.1(2), 721.1 |
| 318—02 | Building Code Requirements for Structural Concrete | Chapters 16, 18, 19 |
| 530—02 | Building Code Requirements for Masonry Structures | Chapters 14, 16, 18, 21 |
| 530.1—02 | Specifications for Masonry Structures | Chapters 14, 18, 21 |
| TG/T1.1—01 | Acceptance Criteria for Moment Frames Based on Testing | Chapter 19 |

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| AF&PA | American Forest & Paper Association, 1111 19th St, NW, Suite 800, Washington, DC 20036 | |
| AF&PA/ASCE 16—95 | Standard for Load and Resistance Factor Design (LRFD) for Engineered Wood Construction | |
| AF&PA NDS—01 | National Design Specification (NDS) for Wood Construction with 2001 Supplement | |
| AF&PA ASD Panel Supplement – 2001 | ASD Wood Structural Panels Supplement, Manual for Engineered Wood Construction | |
| AF&PA LRFD Lumber Supplement – 1996 | LRFD Wood Structural Lumber Supplement, Manual for Engineered Wood Construction | |
| AF&PA LRFD Connections Supplement - 1996 | LRFD Wood Structural Connections Supplement, Manual for Engineered Wood Construction | |
| AF&PA LRFD Laminated Timber Supplement – 1996 | LRFD Wood Structural Glued Laminated Timber Supplement, Manual for Engineered Wood Construction | |
| AF&PA LRFD Panel Supplement - 1996 | LRFD Wood Structural Panels Supplement, Manual for Engineered Wood Construction | |

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| AISC | American Institute of Steel Construction, One East Wacker Drive, Suite 3100, Chicago, IL 60601-2001 | |
| 335—89s1 | Specification for Structural Steel Buildings—Allowable Stress Design and Plastic Design, including Supplement No.1, 2001. | Chapters 16, 22 |
| LRFD (1999) | Load and Resistance Factor Design Specification for Structural Steel Buildings | Chapters 16, 22 |
| HSS (2000) | Load and Resistance Factor Design Specification for Steel Hollow Structural Sections | Chapters 16, 22 |
| 341—02 | Seismic Provisions for Structural Steel Buildings | Chapters 16, 22 |
| AISI | American Iron and Steel Institute, 1140 Connecticut Avenue, Suite 705 Washington, DC 20036 | |
| NASPEC 2001 | North American Specification for Design of Cold-Formed Steel Structural Members | Chapters 16, 22 |
| General | Standard for Cold-Formed Steel Framing-General Provisions | Chapter 22 |
| Header | Standard for Cold-Formed Steel Framing-Header Design | Chapter 22 |
| Truss | Standard for Cold-Formed Steel Framing-Truss Design | Chapter 22 |
| AITC | American Institute of Timber Construction, Suite 1407012 S. Revere Parkway, Englewood, CO 80112 | |
| AITC A190.1—92 | Structural Glued Laminated Timber | Chapter 23 |
| AITC Technical Note 7—96 | Calculation of Fire Resistance of Glued Laminated Timbers | 721.6.3.3 |
| APA | APA – Engineered Wood Association P.O. Box 11700, Tacoma, WA 94811-0700 [Delete entire APA reference]. | |

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| ASAE | American Society of Agricultural Engineers, 2950 Niles Road St. Joseph, MI 49085-9659 [Delete entire ASAE reference]. | |
| ASCE/SEI | American Society of Civil Engineers, Structural Engineering Institute, 1801 Alexander Bell Drive, Reston, VA 20191-4400 | |
| 3—91 | Standard Practice for the Construction and Inspection of Composite Slabs | Chapter 16, 22 |
| 5—02 | Building Code Requirements for Masonry Structures | Chapter 14, 21 |
| 6—02 | Specifications for Masonry Structures | Chapter 14, 18, 21 |
| 7—02 | Minimum Design Loads for Buildings and Other Structures | Chapter 16 |
| 8—90 | Standard Specification for the Design of Cold-formed Stainless Steel Structural Members | Chapter 16, 22 |
| 16—95 | Standard for Load Resistance Factor Design (LRFD) for Engineered Wood Construction | Chapter 23 |
| 19—96 | Structural Applications of Steel Cables for Buildings | Chapter 22 |
| 24—98 | Flood Resistant Design and Construction | 1203.3.2, 3001.2 Chapter 16 |
| 29—99 | Standard Calculation Methods for Structural Fire Protection | 721.1 |
| 31-03 | Seismic Evaluation of Buildings | 3408 |
| 32—01 | Design and Construction of Frost Protected Shallow Foundations | 1805.2.1 |
| 37-02 | Design Loads on Structures During Construction | Chapter 33 |

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| DOC | U.S. Department of Commerce National Institute of Standards and Technology 100 Bureau Drive Stop 3460 Gaithersburg, MD 20899 | |
| PS-1—95 | Construction and Industrial Plywood | Chapter 22, 23 |
| PS-2—92 | Performance Standard for Wood-based Structural-use Panels | Chapter 22, 23 |
| PS 20—99 | American Softwood Lumber Standard | 1809.1.1, Chapter 22, 23 |
| SJI | Steel Joist Institute, 3127 10th Avenue, North Myrtle Beach, SC 29577-6760 | |
| SJI—1994 | Standard Specification for Joist Girders | Chapter 15, 22 |
| K-Series Specification—1994 | Standard Specification for Open Web Steel Joists, K Series | Chapter 22 |
| SJI—1994 | Standard Specification for Longspan Steel Joists, LH Series and Deep Longspan Steel Joists, DLH Series | Chapter 22 |
| TMS | The Masonry Society, 3970 Broadway, Unit 201-D, Boulder, CO 80304-1135 | |
| 0216—97 | Standard Method for Determining Fire Resistance of Concrete and Masonry Construction Assemblies | Table 721.1(2), 721.1 |
| 402—02 | Building Code Requirements for Masonry Structures | Chapter 14, 16, 21 |
| 602—02 | Specification for Masonry Structures | Chapter 14, 16, 21 |
| TPI | Truss Plate Institute, 583 D'Onofrio Drive, Suite 200, Madison, WI 53719 | |
| TPI 1—2002 | National Design Standards for Metal-Plate-Connected Wood Truss Construction | Chapter 23 |