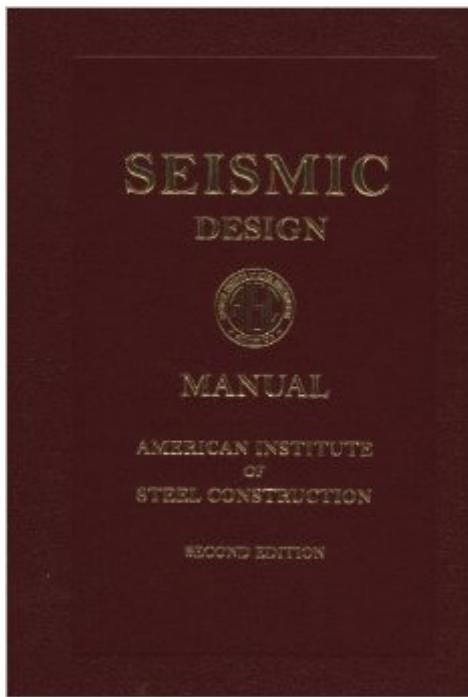


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# Seismic Design Manual, 2nd Edition



## Synopsis

The 2nd Edition AISC Seismic Design Manual is now available. This new edition includes: - 100's of pages of comprehensive design examples, including connections, updated for the 2010 AISC Seismic Provisions - Side-by-side LRFD and ASD design methodologies for design examples - New chapter on analysis - More thorough examples on connection design, including panel zone detailing and brace-to-beam/column connection design options - Extended discussion and more economical design methodology for collector elements - New examples for buckling-restrained braced frames - New chapters on composite moment frames and composite braced frames Also, included are two AISC seismic-related standards: the 2010 AISC Seismic Provisions for Structural Steel Buildings (ANSI/AISC 341-10) and the 2010 AISC Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (with Supplement No. 1) (ANSI/AISC 358-10 and ANSI/AISC 358s1-11).

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This manual well summarizes the specification requirements and other design recommendations and considerations. It assists proper application of AISC standards and provisions relevant to seismic loading. This manual is to be used along with AISC Steel Construction Manual.

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ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) Seismic Loads: Guide to the Seismic Load Provisions of ASCE 7 - 10 Seismic Loads: Guide to the Seismic Load Provisions of ASCE 7-05 Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation (Handbook of Geophysical Exploration: Seismic Exploration) Seismic Design Manual, 2nd Edition SEAOC Structural/Seismic Design Manual 2009 IBC Vol 2: Building Design Examples for Light-Frame, Tilt-up and Masonry Seismic Design of Building Structures: A Professionals Introduction to Earthquake Forces and Design Details Seismic Design of Building Structures: A Professional's Introduction to Earthquake Forces and Design Details, 8th ed. 2012 IBC Structural/Seismic Design Manual Volume 1: Code Application Examples 2012 IBC Structural/Seismic Design Manual Volume 2: Examples for Light-Frame, Tilt-up and Masonry AISC Seismic Design Manual, 2006 2012 IBC Structural/Seismic Design Manual Volume 4: Examples for Steel-Framed Buildings 2012 IBC Structural/Seismic Design Manual Volume 3: Examples for Concrete Buildings SEAOC Structural/Seismic Design Manual 2009 IBC Vol 1: Code Application Examples 345 Solved Seismic Design Problems, 4th Edition The Seismic Design Handbook Seismic Design of Building Structures, 10th Ed Seismic Design Using Structural Dynamics (2006 IBC, 2009 IBC, ASCE/SEI 7-05) Seismic Design Review Workbook: For the California Civil Professional Engineering Examination Seismic Design Solved Problems, 7th Ed

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