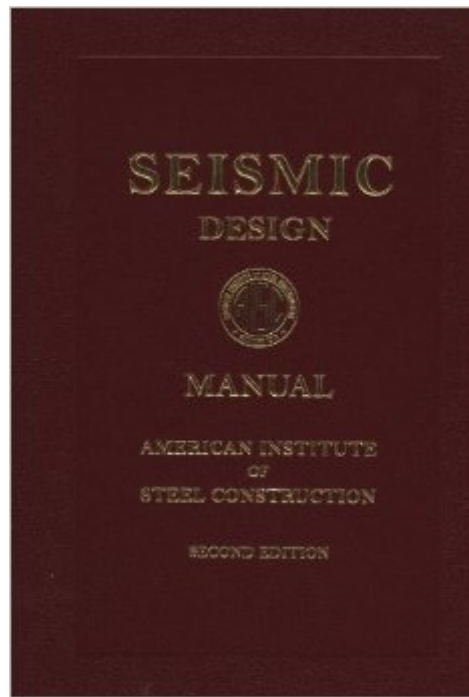


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Seismic Design Manual, 2nd Edition



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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