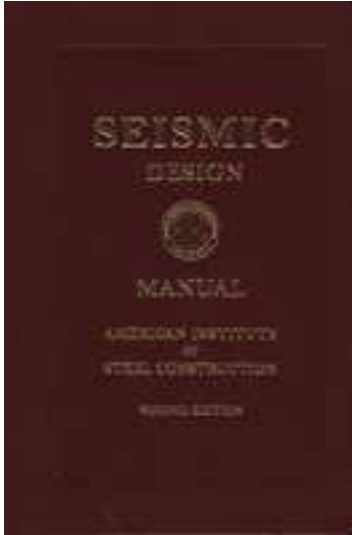




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STEEL ERECTORS ASSOCIATION OF AMERICA

## Second Edition AISC Seismic Design Manual Now Available



The *Seismic Design Manual* is now available in its second edition from the American Institute of Steel Construction (AISC). This new edition contains hundreds of pages of comprehensive design examples, including connections, updated for the 2010 AISC *Seismic Provisions*. The new manual is available now in hard-copy format, with the digital edition available on February 1. Either format can be purchased by AISC members for \$175 or by non-members for \$350. Additionally, both the hard copy of the *Seismic Design Manual* and digital edition are available for purchase as a set by AISC members for \$275 or by non-members for \$550. Order online at [www.aisc.org/bookstore](http://www.aisc.org/bookstore) or via phone by calling 800.644.2400.

"The *Seismic Design Manual* provides the industry with a practical resource for application of the design requirements of the 2010 *Seismic Provisions*," said Rafael Sabelli, chairman of the AISC Seismic Manual

Subcommittee. "In contrast to the *Steel Construction Manual*, it typically follows a system-design format -- examples are organized around the illustration of an entire seismic system, with each example illustrating the design of a representative element. Connection design examples are presented to illustrate some of the range of approaches that designers can take. Thus, the *Seismic Design Manual* provides the industry with a useful collection of tools for addressing the seismic design of steel structures."

This new edition also includes these helpful features:

- Side-by-side LRFD and ASD design methodologies for design examples
- A 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

In addition, the new edition includes 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).

The American Institute of Steel Construction, headquartered in Chicago, is a not-for-profit technical institute and trade association established in 1921 to serve the structural steel design community and construction industry. AISC's mission is to make structural steel the material of choice by being the leader in structural steel-related technical and market-building activities, including: specification and code development, research, education, technical assistance, quality certification, standardization, and



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market development. AISC has a long tradition of service to the steel construction industry of providing timely and reliable information.