

PUBLICATIONS

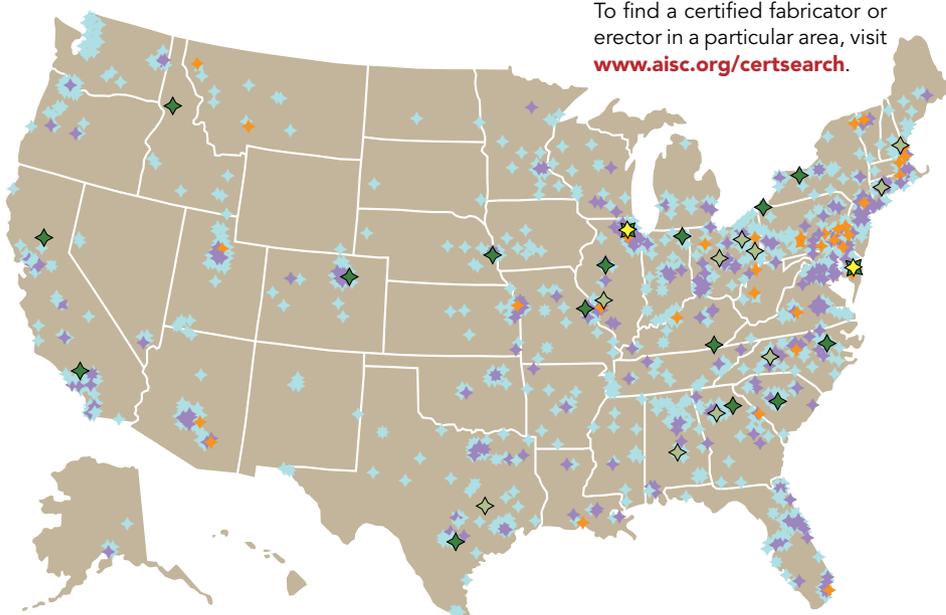
AISI Publishes Lateral Design Update

The American Iron and Steel Institute (AISI) has published AISI S213-07-S1-09, *North American Standard for Cold-Formed Steel Framing—Lateral Design 2007 Edition With Supplement No. 1*. The new document incorporates research findings on diagonal strap-braced walls and other updates. It provides an integrated treatment of Allowable Strength Design (ASD), Load and Resistance Factor Design (LRFD),

and Limit States Design (LSD) in addressing the design of lateral force-resisting systems in a wide range of buildings constructed with cold-formed steel framing.

Further details on this publication are available on the AISI website, www.steel.org. The standard can be purchased on the Steel Framing Alliance website, www.steel framing.org.

Newly Certified Facilities: July 1–31, 2010



To find a certified fabricator or erector in a particular area, visit www.aisc.org/certsearch.

- Existing Certified Fabricator Facilities
- Existing Certified Erector Facilities
- Existing Certified Bridge Component Facilities

- Newly Certified Fabricator Facilities
- Newly Certified Erector Facilities
- Newly Certified Bridge Component Facilities

Newly Certified Fabricator Facilities

- A. Lucas & Sons Steel, Peoria, Ill.
- Advanced Welding & Steel, Inc., Grangeville, Idaho
- Crystal Steel Fabricators, Inc., Delmar, Del.
- DH Steel Products, LLC, Erie, Pa.
- Drake-Williams Steel Inc.—Aurora Plant, Aurora, Colo.
- EMCO Metalworks Company Inc., Cicero, Ill.
- Industrial Contracting & Engineering / Professional Fabricators, Angola, Ind.
- J.R. Hoe & Sons, Middlesboro, Ky.
- Metal Works, Oroville, Calif.
- New Steel, Inc., Omaha, Neb.
- Palmcast Steel & Fabrication, Inc., Lancaster, Calif.
- Palmetto Fabricators, Inc., Lexington, S.C.
- RAI Industrial Fabricators, LLC, Athens, Ga.
- Ramar Steel Sales, Inc., Rochester, N.Y.
- Steel Technology, Inc., Rocky Mount, N.C.
- Thornton Steel San Antonio, LLC, Elmendorf, Texas
- Will-Share MFG, Inc. dba Commerical Fabrication, St. Peters, Mo.

Newly Certified Erector Facilities

- Dixie Erectors Division of Dixie Crane Services, Inc., Mableton, Ga.
- Federal Steel and Erection Company, East Alton, Ill.
- General Welding & Fabrication, Watertown, Conn.
- GT Steel Erectors, Inc., Millbrook, Ala.
- Metrolina Steel Erectors, Inc., Davidson, N.C.
- Perry & Perry Builders, Inc., Rockdale, Texas
- Quality Steel Erecting, Inc., St. Clairsville, Ohio
- Rose Steel Inc., Greenland, N.H.
- Runyon Erectors, Plain City, Ohio
- The Selinsky Force LLC, North Canton, Ohio

Newly Certified Bridge Component Facilities

- Crystal Steel Fabricators, Inc., Delmar, Del.
- EMCO Metalworks Company Inc., Cicero, Ill.

People and Firms

- **Jeff Simkins** has joined Acrow Corporation of America as Midwest sales manager in its newly opened sales office in St. Louis. The company specializes in shoring and prefabricated panel bridge systems for both temporary and permanent applications. For more information, go to www.acrousa.com.

- **Lisa Fay Matthiessen**, AIA, LEED AP, has joined Buro Happold as a partner in its Los Angeles office. One of the original LEED faculty, Matthiessen is an architect with 23 years of project experience in sustainable design and policy for large private and public clients.



- **Dennis Poon**, managing principal of Thornton Tomasetti, has been named one of the 50 Outstanding Asian Americans in Business for 2010 by the Asian American Business Development Center (AABDC), New York. Poon has more than three decades of experience and has been responsible for the design and construction of super high-rise structures, mixed-use buildings, hotels, airports, arenas and residential buildings worldwide.



- **Simpson Gumpertz & Heger Inc.** (SGH), Waltham, Mass., served as the design structural engineer for Boston's Macallen Building, which was recently named a 2010 recipient of the American Institute of Architect's Institute of Honor Awards for Architecture. The building is the first multi-unit housing in Boston to achieve gold certification in Leadership in Energy and Environmental Design (LEED) from the U.S. Green Building Council (USGBC). The residential portion of the building is a 270,000 sq ft steel-framed structure between six and 11 stories tall. Among other things, SGH designed a steel staggered-truss system for the residential level that provides interior column-free modules of 72 ft x 64 ft. SGH also provided a comparative floor plan matrix detailing structural depths, ceiling heights, steel tonnage, and beam/girder spacing for cost/benefit analysis during the "value engineering" phase. The chosen system provided a ceiling height of 10 ft 6 in. fit within an 11 ft floor-to-floor height.

COMPLIANCE

Federal Contractors, Subcontractors: Make Room for a New Poster

If you are a federal contractor or subcontractor, make room for a new poster on your staff bulletin board. A new executive order requires you to noticeably post employee rights, according to an article written by Matt Gillies and Ryan Loghry of Stites & Harbison, PLLC.

On January 30, 2009, President Obama signed Executive Order 13496 (“Notification of Employee Rights Under Federal Labor Laws”). This Executive Order became effective on June 21, 2010. It generally requires covered Federal Government contractors and subcon-

tractors to provide notice of employee rights under the National Labor Relations Act (the “NLRA”) and applies to Federal Government contractors and subcontractors at any tier. It does not, however, apply to, among other things, certain collective bargaining agreements, Federal Government contracts involving purchases under the Simplified Acquisition Threshold amount (currently \$100,000), or to subcontracts below \$10,000.

To comply with this Executive Order, covered contractors and subcontractors must post a notice in conspicuous places

in and about the employer’s plants and offices where employees covered by the NLRA perform the contract. This includes all places where notices to employees are customarily posted both physically and electronically. The required notice lists specific examples of rights that employees have under the NLRA. It also provides examples of employer and union activities that are illegal under the NLRA.

To read more about it on the Stites & Harbison website and download a copy of the required notice, go to <http://bit.ly/clwj40>.

COMPETITION

Student Bridge Contest 2011 Rules Available

The official rules for the 2011 Student Steel Bridge Contest, sponsored by AISC and ASCE, have been released. They are available as a PDF download at www.aisc.org/steelbridge.

As usual, the Problem Statement lays out an interesting and challenging steel bridge project for students to design,

fabricate and build. Notable changes in the 2011 specifications include a longer length; inclusion of a cantilever section at one end of the bridge; a change from specific footings to foundation easements; and modified member size requirements. Entries will again be designed and built as 1:10 scale models of the proposed structure.

To learn more, visit www.aisc.org/steelbridge.

To see photos on the *Modern Steel Construction* website from the final round of the 2010 competition, go to www.modernsteel.com/SteelInTheNews/?page_id=543.

CERTIFICATION

IMPACT Offers Free Assistance on Certification Efforts

The Ironworker Management Progressive Action Cooperative Trust (IMPACT) has set up a program providing significant—and free—assistance to its members in their efforts to achieve AISC steel erector and fabricator certification. In addition to working closely with AISC and Quality Management Company, an independent third-party auditing company, the organization has partnered with industry consultants to provide its contractor members with one free day of onsite advisory sessions and an additional

eight hours of follow-up correspondence. Assisting on erector certification issues are Ted Sheppard and Jim Hobson, and Charles McGowan provides assistance on fabrication issues.

IMPACT says that more than 38 contractors already have taken advantage of the program. To learn more, visit the IMPACT website (www.impact-net.org) or contact Kenny Waugh, IMPACT's director of industry liaisons at 800.545.4921.

MARKETING

Call for Bridge Photos

The National Steel Bridge Alliance (NSBA) is reaching out to the steel bridge community in search of high resolution images of recently completed bridge projects. NSBA would like to feature these photos and projects in print campaigns,

newsletters, *Modern Steel Construction* magazine articles, and other promotional efforts. Interested parties should contact Brian Raff at raff@steelbridges.org. More information is available in the August NSBA online newsletter at <http://bit.ly/9D5CCh>.

COMPETITION

Student Photo Contest Deadline Nears

The AISC-sponsored Student Photo Contest, being held in conjunction with SteelDay 2010, is designed to capture in photos the essence of SteelDay. It is free to enter and open to any student currently enrolled in a graduate or undergraduate program at an accredited domestic college or university.

Each contest submission consists of a set of three photographs that together pictorially demonstrate the combination of structural steel and the theme "Interact. Learn. Build." A completed application form and signed release form are also required. Deadline for submission is Saturday, September 18, 2010. The winner will be announced on September 24, which is SteelDay 2010. Winning photos will be published in *Modern Steel Construction*.

For more information, go to www.aisc.org/universityprograms and www.steelday.org.

EDUCATION

2010 Faculty Fellowship Call for Proposals

AISC is now accepting proposals for the 2010 AISC Faculty Fellowship, a four-year, \$30,000 per year award for promising faculty members. “We hope to create a continuing stream of new faculty by supporting researchers in the early stages of their careers,” says Thomas Schlafly, AISC director of research. “The program’s intent is to develop engineering faculty who are excited and knowledgeable in multiple aspects of steel construction.” The increase in academic research fostered by these fellowships benefits the entire structural steel industry, he added.

AISC’s Committee on Research evaluates applications and recommends the recipient. The selected applicant will be identified as the 2010 AISC Faculty Fellow in various publications and other venues, bringing recognition to both the Fellow and the university. “Being selected as an AISC Faculty Fellow is a notable accomplishment for younger researchers,” noted Judy Liu, a professor at Purdue University in West Lafayette, Ind., who was selected as a Fellow in 2004. “For me, this honor came at a critical time in my career. I was able to re-enter the world of steel building research and explore a promising new lateral load resisting system.” Liu’s Fellowship also helped to support two graduate students.

Applications are due September 15, 2010. For complete submittal requirements, visit www.aisc.org/facultyfellowship.

EVENT

SteelDay Expands to Italy

AISC has named the Italian organization Promozione Acciaio an International SteelDay Partner. The group, which includes the Zinco Global Network (www.zincoglobal.com), will host the inaugural Italian SteelDay event in Brescia. Scheduled this year for September 24, SteelDay has become a worldwide event that encourages architects, engineers, contractors, and specifiers to learn about steel design and construction by visiting steel facilities for free educational programs and networking activities. Read more about this partnership on the AISC website, www.aisc.org.

To learn more about SteelDay Brescia 2010, visit www.steeldaybrescia.it.

For more information on U.S. events as well as links to partner sites and photos and videos from SteelDay 2009, go to www.steelday.org.