

Steel News and Events

Fall Protection Symposium

The International Fall Protection Symposium 2000, "Accepting the Challenge," sponsored by the International Society for Fall Protection (ISFP), will be held Oct. 18-19, 2000 in Orlando.

Major topics include: risk assessment; fall protection solutions; fall protection implementation strategies; and legal & insurance issues.

For symposium registration information, contact: Carmel Goodman at 905/476-8826; fax: 905/476-8271; email isfp@sympatico.ca.

Online PDH for Structural Engineers

Using information technology, CHC Engineering, LLC, is changing where, when, and how structural engineers achieve their professional development.

Recently, CHC Engineering has launched a website (www.PDHonline.org) dedicated to online professional development for structural engineers. Each lecture is supplemented with new learning materials including links to additional resources and a quiz to help attendees earn professional development hours (PDH units). Taking a course is simple: (1) you may study the course materials at your own pace. (2) You can enroll and take a quiz at any time. (3) Your certificate of Completion will be e-mailed to you upon the successful completion of the course.

For a limited time, PDHonline is offering FREE introductory online courses. PDHonline also offers a revenue sharing plan to encourage professional engineers to become PDHonline instructors. If you have expertise in certain areas and would like to become a part of New Economy, please contact Dr. John C. Huang at 703/478-6833 or jchc@msn.com.

CHC Engineering, LLC, is a structural engineering firm based in Herndon, Virginia.

Correspondence

I just got around to reading the May MSC, and wanted to let you know I appreciated the Connection Section. I'm a checker for an independent detailing company and it is my (admittedly biased) opinion that the concerns of the detailing industry ought to be the concerns of fabricators, and the AISC. I know that you monitor the Steel-Link list serve, so you are aware of how frustrated detailers are these days. When a publication with the stature of MSC devotes space to discussing the concerns of the detailing industry it opens the door for others to understand what we are dealing with, and it also helps detailers feel better to know that the industry we are trying to serve takes our concerns seriously.

Christopher Townsend
via email

Correction

The information for dtl's INCORPORATED's listing in the April MSC Detailer listing was incorrect. The correct information is as follows:

Phone: (505) 345-3600

Fax: (505) 345-6500

City/State: Albuquerque/NM

Yrs: 6

Organizations: NISD

of Detailers: 6

of Checkers: 2

CAD#: 6

Metric experience: no

Foreign experience: no

Type of work: Low-rise,
Schools, Commercial, Industrial,
hospitals

Type of software: SDS-2,
Auto-Cad.

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Focus on Wind and Low-Seismic Design

At the halfway point in a national touring schedule, AISC's latest lecture series has generated strong positive feedback, according to Steve Ashton, Senior Engineer-Continuing Education at AISC.

The lecture series, "Streamlining Your Steel Design Process: Lateral Framing Systems East of the Rockies," is aimed at engineers designing framing systems in wind and low-seismic applications.

The initial series of feedback surveys, which included respondents in Las Vegas, Nashville, Memphis and Birmingham reported that nearly nine out of 10 attendees agreed that the course was well worth the registration fee, while more than 90% of the attendees noted that the course was beneficial. The data showed that more than seven out of 10 attendees had more than a decade of professional experience and nearly 80% of the attendees were structural engineers.

The course focuses on the 2000 International Building Code, which incorporates ASCE 7, the 1997 NEHRP Provisions and the 1997 AISC *Seismic Provisions*. These documents form a consistent design basis for the building codes that are being implemented nationally.

"In using current building codes, you will need to become much more familiar with seismic design," explained Ashton. "In many situations, special seismic detailing is required or desirable, even when the design is controlled by wind effects."

The five-hour course provides information on two distinct groups of framing systems: normal ductility and high ductility. Framing systems of normal ductility are designed to meet the requirements of the AISC *Specification for Structural Steel Buildings*, while framing systems of high ductility are designed to meet

Schedule-at-a-Glance

Sept. 6	.....Chicago, IL
Sept. 7	.....Grand Rapids, MI
Sept. 13	.....St. Louis, MO
Sept. 14	.....Kansas City, MO
Sept. 27	.....Pittsburgh, PA
Sept. 28	.....Columbus, OH
Oct. 4	.....Rochester, NY
Oct. 5	.....Albany, NY
Oct. 18	.....Meriden, CT
Oct. 19	.....Boston, MA
Oct. 24	.....Washington, DC
Oct. 25	.....Philadelphia, PA
Nov. 1	.....Edison, NJ
Nov. 2	.....New York, NY
Nov. 15	.....Houston, TX
Nov. 16	.....Dallas, TX

the requirements of both the AISC *Specification for Structural Steel Buildings* and the AISC *Seismic Provisions for Structural Steel Buildings*.

The seminar is designed to provide a wide-range of useful information. For normal ductility designs, attendees will learn:

- A streamlined design sequence for moment-frame systems and braced-frame systems;
- What seismic and code information applies to the various lateral-load resisting systems;
- Typical connection details that are used in the various lateral-load resisting systems;
- Useful and cost-effective moment connection details;
- Useful and cost-effective bracing configurations and bracing connection details; and
- How to identify special considerations for unusual structures.

Those interested in high ductility will learn:

- Advantages and implications of selecting higher levels of ductility

for your designs;

- How to apply the AISC *Seismic Provisions*, including testing requirements for moment connections;
- Connection details that have already been qualified by testing;
- Differences between ordinary (OMF), intermediate (IMF) and special (SMF) moment frames; and
- Differences between special (SCBF) and ordinary (OCBF) concentrically braced frames.

Registration for the course, which offers 0.5 CEUs (5 PDH), is \$200 (\$150 for AISC members) with discounts for multiple attendees from one firm.

For more information, see AISC's web site at www.aisc.org or fax 312/670-5403.

Call for Entries

The Design-Build Institute of America is seeking entries to its National Design-Build Awards. The competition annually recognizes the most outstanding design-build projects globally. Awards will be presented at the Professional Design-Build Conference in San Diego on Oct. 4-6.

Entries must be received by July 14, 2000. Send entries to: DBIA, 1010 Massachusetts Ave., NW, Suite 350, Washington, DC 20001.

For more information, contact DBIA at 202/682-0110 or check their website at www.dbia.org.