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ASCE ILLINOIS SECTION STRUCTURAL GROUP MAY DINNER MEETING

AISC Steel Solutions Center FAQ

Kurt Gustafson, S.E., P.E., F.ASCE

**Director of Technical Assistance, Steel Solutions Center
American Institute of Steel Construction**

Synopsis:

Averaging over 200 inquiries each week, the American Institute of Steel Construction (AISC) Steel Solutions Center can readily identify trends in the inquiries received. Frequently asked questions are posted to the AISC website to provide a source of information that can be readily accessed by the internet user. The inquiries are also used as a point of feedback to the AISC Specification Committee to evaluate where points of confusion may be occurring, and if possible revision or correction is warranted.

This presentation will focus on frequent questions received in the aftermath of the release of the current 2005 AISC Specification which 'unified' the ASD and LRFD load approaches. The history of the development of AISC Specifications leading up to the unifying of the ASD and LRFD load approaches will be discussed; followed by principals of basic seismic design requirements, and of base anchorage design.

Speaker:

Kurt Gustafson has more than 40 years of experience in design, construction and investigation of all sizes and types of structures. After graduating from the University of Illinois, Kurt worked for American Bridge where he became involved in the fabrication and erection of many unique and exciting steel structures, including Standard Oil and Sears Towers in Chicago.

Kurt later moved to the practicing Structural Engineer side of the industry. He worked for the Architectural Engineering firms of John Portman and Associates and Skidmore Owings and Merrill. In 1983 he went into partnership in the firm Tylk, Wright and Gustafson, which later evolved into Tylk Gustafson and Associates and TGRWA. Kurt has been the Structural Engineer on numerous projects of all types, sizes, and materials including new construction and restoration. Kurt retired from TGRWA in the summer of 2004 and returned to the steel industry as Director of Technical Assistance in the Engineering and Research Department of AISC.

Aside from his duties of providing technical assistance for AISC, Kurt provides feedback to the AISC Specification Committee. This feedback evolves from the many questions being asked, and often will influence the development and updating of AISC specifications and publications to reflect the needs of the engineering community. Kurt also serves on several national committees involved in monitoring and developing building codes and Standards. He is presently a member of the ASCE 7 Main Committee, the NCSEA Code Advisory/Quality Assurance Committee, and the NCSEA Joint Industry Committee on Structural Integrity.

Date & Time: Wednesday, May 13, 2009
Cocktails at 5:30 pm; Dinner at 6:00 pm
Presentation following dinner

Location: Pazzo's
311 South Wacker Drive
Chicago, IL 60606

Cost: Self-service parking is available south of the building for \$10
\$40 (\$20 for fulltime students) – RSVP on or before May 8, 2009
\$45 – without/late RSVP

RSVP: Make checks payable to ASCE Structural Group
Victor E. Van Santen, victor.vansanten@hdrinc.com, (773) 380-7966

Sponsor: [Associated Steel Erectors](http://www.associatedsteelerectors.com), (630) 530-7560