



# Inspection of Steel Structures



ICBA is pleased to offer this seminar in partnership with the Canadian Institute of Steel Construction (CISC).

This seminar will provide owners, designers, contractors, fabricators, erectors, building officials and inspection agencies with requirements, recommendations and resources for the inspection of steel-framed buildings.

Governing standards and documents discussed include:

- National Building Code of Canada
- CSA S16-09 Design of Steel Structures
- CISC Code of Standard Practice for Structural Steel
- CSA W59-03(09) Welded Steel Construction (Metal Arc Welding)
- RCSS Specification for Structural Joints Using High Strength Bolts

The elements to be discussed include:

- Structural steel materials
- Steel fabrication
- Steel erection
- Welding and welded connections
- Bolting and bolted connections
- Steel joists and joist girders
- Steel floor and roof deck systems.

Discussion will include both detailed technical requirements and methodologies for implementation from both a quality control (production) and quality assurance (third party) inspection perspective. Experience from the new AISC Specification's Chapter N on Quality Control and Quality Assurance will be shared.

**Instructor: Robert E. Shaw, Jr., PE (President, Steel Structures Technology Center, Inc.)**

Bob began his career in the steel construction industry in 1973. He founded the SSTC in 1990, focusing on technical education related to the design, fabrication, erection and inspection of steel-framed structures. He is the author of the Structural Bolting Handbook, the Structural Welding Quality Handbook, and the Shop Inspection Handbook for Structural Steel Buildings.

**Dates:** Thursday, March 1, 2012

**Time:** 8:30 am – 4:30 pm (Lunch included)

**Cost:**

<input type="checkbox"/> ICBA and CISC Members:	\$390.00 + \$46.80 HST = \$436.80
<input type="checkbox"/> Non-members:	\$440.00 + \$52.80 HST = \$492.80

**Location:** BEST WESTERN Chateau Granville, 1100 Granville Street, Vancouver, BC V6Z 2B6

**Parking:** Hotel underground parking at \$7.00 per vehicle per day plus tax.



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- To guarantee registration, fax form to ICBA @ 604-298-2246 or email to info@icba.ca
- Send cheques payable to ICBA, 211 - 3823 Henning Drive, Burnaby, BC V5C 6P3
- No cancellations/refunds after February 9, 2012 (substitutions okay)

For more information contact 604-298-7795

Please send me information about ICBA or CISC membership