

This year, NASCC: The Steel Conference is offering a focused-track of Quality Sessions for structural steel fabricators and erectors wanting to learn more about quality management systems (QMS) and AISC Certification.

For questions on these specific sessions, please contact certification@aisc.org, or for questions on the conference, please visit www.aisc.org/nascc. See you in Baltimore April 11–13, 2018!



Don't get into hot water!

quality track at NASCC: THE STEEL CONFERENCE

Baltimore Convention Center • April 11–13, 2018

Certification is More than Just a Standard

Q1 W 8:00 a.m. – 9:00 a.m. | **Room 342**

Speaker: Larry Martof,
Quality Management Company

The "Standard" is just one part of the audit criteria. Program Requirements govern each certification program which engages other normative references that become part of the audit criteria and need to be met (AISC 360 Chapter N, AISC 341 Chapter J, AWS, RCSC, AASHTO/NSBA). We will explore and explain the hierarchy of criteria and how they become a part of the audit criteria.

FABRICATORS, ERECTORS

1.0 PDHs

The New Certification Program Requirements and Standard: What Do They Mean for You?

Q2 W 11:15 a.m. – 12:15 p.m. | **Room 342**

Speakers: Mark Trimble, PE, AISC; Mike West, PE, F.ASCE, CSD Structural Engineers

Moderator: Max Puchtel, SE,
Quality Management Company

This session will explore the new Certification Standard for Steel Fabrication and Erection, and Manufacturing of Metal Components (AISC 207-16). This Standard brings together provisions from the four individual predecessor standards relating to the four industry segments: steel building fabrication, steel bridge fabrication, steel erection, and metal component manufacturing. The goal of the new standard is to provide consistency and transparency across all industry programs. Also, AISC Certification will discuss the implementation process for fabrication and manufacturing participants, which will begin in 2018.

FABRICATORS, ERECTORS

1.0 PDHs

Attend these crab-tivating quality sessions!

continued →



..... quality sessions at NASCC: THE STEEL CONFERENCE

The New Certification Requirements and Standard: Additional Update for Bridge and Hydraulic Fabricators

Q3 W 2:30 p.m. – 3:30 p.m. | **Room 342**

Speakers: Linda Hale, Quality Management Company; Zane Keniston, Structural Steel Parts, Inc.

Moderator: Max Puchtel, SE, Quality Management Company

This session acts as a continuation to Session Q2 and will focus specifically on the bridge and hydraulic fabricators. It will provide an overview of the new certification program requirements and will also outline the supplemental criteria within the standard for each group. Attendees will learn about the differences between the new and current program criteria, and the speakers will offer guidance and helpful tips about the transition between the two.

FABRICATORS

1.0 PDHs

The New Certification Requirements and Standard: Additional Update for Building Fabricators and Component Manufacturers

Q4 W 3:45 p.m. – 5:15 p.m. | **Room 342**

Speakers: Dennis Hought, Quality Management Company; Lee Patza, EQS Services

Moderator: Max Puchtel, SE, Quality Management Company

This session acts as a continuation to Session Q2 and will focus specifically on building fabricators and component manufacturers. It will provide an overview of the new certification program requirements and will also outline the supplemental criteria within the standard for each group. Attendees will learn about the differences between the new and current program criteria, and the speakers will offer guidance and helpful tips about the transition between the two.

FABRICATORS

1.5 PDHs

How do You, as a Manager, Drive Results?

Q5 W 5:30 p.m. – 6:30 p.m. | **Room 342**

Speaker: Chris Crosby, PE, Industrial Steel Construction

Moderator: Todd Alwood, AISC

We hear it all the time... “Business is driven by results.” As business managers, how do we drive results? Are we intentional about our methodology? Is our business model for driving results sustainable over a longer period of time? How do we evaluate our model? This session will cover these topics and push attendees to adopt these principles into their day-to-day practices.

FABRICATORS, ERECTORS

1.0 PDHs

Making Sense of Welding Procedures and Requirements: Common Welding Questions Answered

Q6 Th 8:00 a.m. – 9:30 a.m. | **Room 342**

Speaker: Phillip Torchio, Williams Erection Company

Moderator: Art Bustos, AISC

Fabricators and erectors alike face different welding challenges and choices. The session will provide attendees with an overview of AWS requirements and answer welding questions that often arise during AISC Certification site audits. Topics discussed include welding procedures—prequalified vs. qualified (PQR); proper documentation of WPS variables; welding process—prohibitions, comparisons, and modes of transfer; the interaction of AWS D1.1 and AWS D1.8; and much more.

FABRICATORS, ERECTORS

1.5 PDHs

Forging Values: Transforming Companies from Good to Great

Q7 Th 11:30 a.m. – 12:30 p.m. | **Room 342**

Speaker: Robert Ferguson, FergusonValues.com

Moderator: Larry Martof, Quality Management Company

The people you hire determine your company’s brand experience. The secret to creating a great brand experience is in forging a few key values into the DNA of your organization. Come and learn how you can transform your company from good to great by Forging Values that make a difference. Find out the 17 common values shared across Fortune 500 companies, and why these values do NOT make a difference. And learn how to identify differentiating values that set strategic direction and create competitive advantage.

FABRICATORS, ERECTORS

1.0 PDHs

Understanding Erector Non-Conformances

Q8 Th 1:45 p.m. – 2:45 p.m. | **Room 342**

Speakers: David Webb, Quality Management Company; Vince Bosworth, Bosworth Steel Erectors, Inc.

Moderator: Mark Yerke, S&R Enterprises, LLC

Have you wondered what accounts for a nonconformance? This session will take an in-depth look at that and the best practices surrounding them. It will offer practical ideas on when and how you should record and track them. Plus, it'll review the differences between non-conformances and corrective actions, and how you should address each in your quality management system.

ERECTORS

1.0 PDHs

Typical Corrective Action Requests for Erectors

Q9 Th 3:00 p.m. – 4:00 p.m. | **Room 342**

Speakers: Dennis Hought, Quality Management Company; Art Bustos, AISC

This session will explore AISC Certification's past corrective action requests (CARs), their common issues, and practical fixes. It will deal with the most frequent CARs arising during the documentation and site audits. Topics will include site pre-installation verification testing, quality control inspector qualifications, SMAW electrode storage, along with others.

ERECTORS

1.0 PDHs

Quality Control Inspector—What's Required?

Q10 Th 4:45 p.m. – 5:45 p.m. | **Room 342**

Speakers: Larry Martof, Quality Management Company; Mark Holland, SE, PE, Paxton & Vierling Steel Co.

Moderator: Todd Alwood, AISC

How do fabricators and erectors meet the qualification requirements for quality control welding and bolting inspection personnel in Chapter N of AISC 360, Chapter J of AISC 341, or AWS D1.1? What training and qualification tests should be required? And what are the implementations if you are being audited by a quality assurance certification program? All these questions will be answered and with additional time for Q&A.

FABRICATORS, ERECTORS

1.0 PDHs

How Does a Fabricator Perform Their Own Documentation Audit?

Q11 F 8:00 a.m. – 9:30 a.m. | **Room 342**

Speakers: Ted Sheppard, PE, IMPACT consultant; Steven Russell, PE

Moderator: Teresa Lipsey, AISC

Fabricators usually do an internal audit every year, but what about your documents? What about your quality manual and associated procedures? When is the last time you audited them? Are they up to date with how you actually do things? Or up to date with current references? This session will provide an overview of how to perform this yourself, and it will offer practical, common sense tips from two speakers who have performed hundreds of documentation audits.

FABRICATORS

1.5 PDHs

Bolt it Right the First Time: Teaching Quality is Easier than You Think

Q12 F 11:30 a.m. – 12:30 p.m. | **Room 342**

Speakers: John O'Brien and Larry Housel, Skidmore Wilhelm

Moderator: Kenny Waugh, IMPACT

Structural Bolting requires no certification. No standard training on bolting has been developed and provided to Ironworkers/Inspectors/erectors, ect. The result of this is a wide variety of "local rules" and unfortunately to many of them are based on incorrect information and erroneous assumptions. The purpose of the course is to teach the basics of the torque/tension relationship and to develop a foundation upon which the participant can begin to teach others in their organizations to achieve safer structures at a reduced labor cost.

ENGINEERS, FABRICATORS, ERECTORS

1.0 PDHs

Typical Corrective Action Requests for Fabricators

Q13 F 1:45 p.m. – 3:15 p.m. | **Room 342**

Speakers: Linda Hale, Quality Management Company; Art Bustos, AISC

This session will explore AISC Certification's past corrective action requests (CARs), their common issues, and practical fixes. It will deal with the most frequent CARs arising during the documentation and site audits. Topics will include measurable quality goals, WPS's compliance to codes, WPS not matching process in use, internal audits, management reviews, and others.

FABRICATORS

1.5 PDHs