

Revolutionizing the Industry with Digital QC

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Josh Dermer, Design & QC Manager, American Truss

Kirk Grundahl, Executive Director, SBCA

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Wyatt Stroder, QC Manager, California TrusFrame

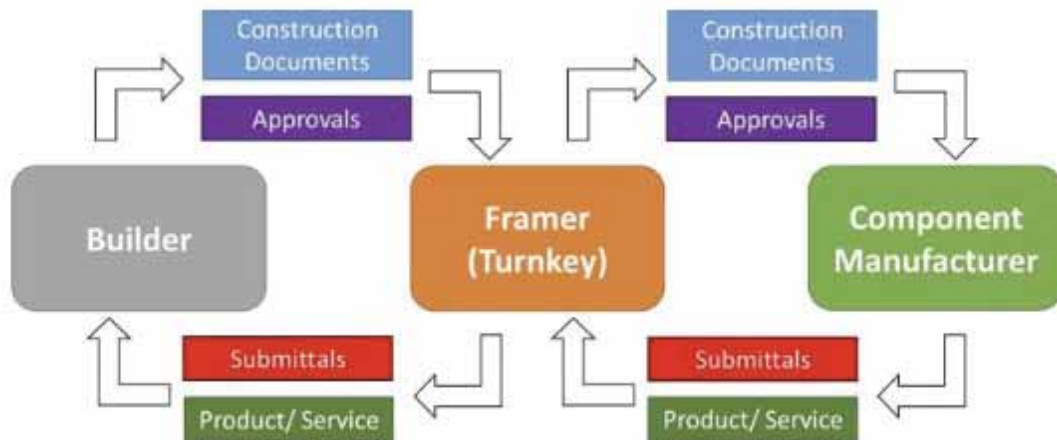
Scott Ward, Principal, Southern Components

Summary

- What is SBCA's vision for QC and QA?
- Why Digital QC?
- Where we're going
- Where we're at
- Measure to manage
- Third party inspection
- Delivery, installation and inspection

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A Measure to Manage Vision of the Future



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Why Digital QC?

- Scrutiny of industry quality
- Antiquated paper process
- More easily gathering large amounts of data
- Measure it, support management & continuously improve

Photo no. 106
Truss on site ready for installation. Gap between truss plate... (No capacity beyond 3/32" gap).



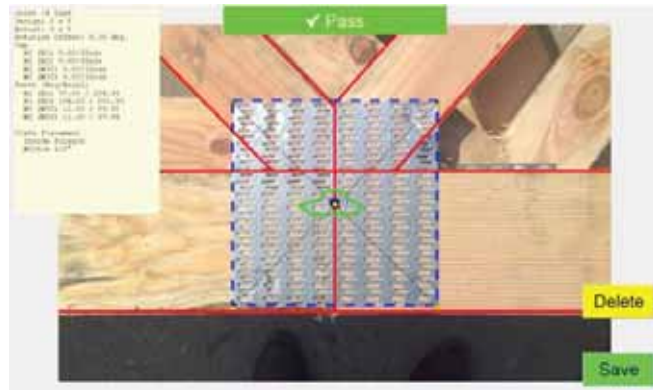
Photo no. 126
Truss on site ready for installation. Gap between truss plate... (No capacity beyond 3/32" gap).



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Where We're Going

- Proper plate placement and embedment
- Critical joints
- Web-based MIS



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Where We're At

- Prototype testing



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Measure to Continuously Improve

- What can be measured?
- How it will be measured?
- How the data will be stored?
- How will the data be used?



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Third Party Inspection

- Objectively assess plant code compliance performance
- Compare data taken the same way using the same tool
- Does In-plant QC mirror 3rd Party QA
 - Why not?
 - Comparative benchmarking

Digital QC
by SBCA

3rd Party Digital QA
by SBCRI

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Delivery, Installation & Inspection

- Examine on the jobsite
 - Easily ID issues
 - Quickly mark and fix
- Monitor changes, quality
- End Result: High quality products & reputation



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Final Thoughts & Questions

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SBCA Booth Demonstrations

- 1 pm: Mike Honeycutt
- 2 pm: Wyatt Stroder
- 3 pm: Josh Dermer

- 12 – 4 pm: Joe Schauer, SBCA Staff

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SBCA Resources

- For more resources on this topic, visit www.sbcindustry.com and search for the below titles:
 - [Do You Know the Vision & Value of SBCA's Digital QC?](#)
 - [Digitization of QC Inspections](#)
 - [Truss QC Entering the Digital Age](#)
 - [QC Inspections Will Become Quicker, More Impactful](#)
 - [Can In-Plant Truss QC be Made Easier?](#)

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Learning Labs

Thursday

- 12 pm – Knowing Your People to Keep Your People
- 1:30 pm – Safety
- 3 pm – Cybersecurity

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Please Fill Out Your Session Evaluation

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Notes: _____

How **BCMC** Contributes to Your Business Success



Best practices are shared by industry experts in every educational session.

Conversations with peers lead to ideas that transform individual businesses.

Meetings with suppliers give insight into opportunities for further innovation.

Coming together for one week every October generates ideas and energy that drive the industry forward throughout the year.

2020

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- Pick, cut, and deliver material to a build station with no hands touching the material
- Designed to address labor shortages, complex truss designs, material handling issues, and productivity demands

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