



Publisher's Message

A Look at Change

Discover exciting changes in
Design & Engineering!

correction: The following companies should have been listed as Operation Safety Certified in the 2008 WTCA Membership Directory that ran in the April issue.

Carter-Lee Lumber Co.* • Mooresville, IN
Safety Coordinator: Jerry Denny

Eckman Lumber Company, Inc. • Leighton, PA
Safety Coordinator: Herbie McIntosh

Manion Truss and Components • Superior, WI
Safety Coordinator: Mark Laiti

Plum Building Systems • Osceola, IA
Safety Coordinator: Steve Baker

Shelter Systems Limited* • Westminster, MD
Safety Coordinator: David Strevig

Spenard Builders Supply • Anchorage, AK
Safety Coordinator: Gerald Macon

Spenard Builders Supply • Chugiak, AK
Safety Coordinator: Michael Valentine

Spenard Builders Supply • Big Lake, AK
Safety Coordinator: Jerry Henry

Sun State Components, Inc. • Surprise, AZ
Safety Coordinator: Tim Matteson

Sun State Components, Inc. • Kingman, AZ
Safety Coordinator: Paul Beaumont

Sun State Components of Nevada, Inc.** • North Las Vegas, NV
Safety Coordinator: Travis Fuller

*Also SCORE Elite Certified **Also SCORE Leader Certified

at a glance

- ☐ This issue of **SBC** highlights Design & Engineering.
- ☐ The cover story on page 22 features cold-formed steel components, which contributed to LEED certification.
- ☐ Find out what you should know about the new ANSI/TPI standard on page 28.
- ☐ Automation veteran Jerry Koskovich is honored on page 34.

by Libby Maurer

Welcome to **SBC's** annual Design & Engineering issue. Despite the sluggish nature of the housing market these days, there are a lot of positive changes taking place in the industry. Let's take a look at some of the highlights.

Here at **SBC**, all structural building component raw materials are created equal: wood, steel, plastic, papier-mâché. But when it comes to green building, cold-formed steel (CFS), due to the standards that exist, helps earn easy points toward green building certification. In "Cold-Formed Steel Helps Achieve LEED," CFS building components are viewed through the scope of a project applying for LEED certification. As component manufacturer Cascade Mfg Co (Cascade, IA) discovered, the roof design is often impacted by elements that are added to gain LEED points. In this case, CFS roof trusses' design flexibility was showcased, contributing in more ways than one to the LEED certification.

For the last few years, an industry group led by the Truss Plate Institute (TPI) has been working toward revising the industry's design standard, ANSI/TPI-1. The new 2007 version is almost here, and on page 28 is an important article about what has changed. Topping the list of improvements to this version is an organizational facelift. Frequent users of the standard will find it much easier to use. And truss technicians will want to become familiar with the design responsibilities changes in Chapter 2.

This month's **WTCA Update** on page 20 features a short case study about a component manufacturer's experience using a new product or program. In this installment, we look at the risk management benefits of SCORE certification. Find out if you could benefit too! In future issues of **SBC**, you'll see the case study format in a new column called **Case in Point**. If you have a case study idea or would like to see your company spotlighted in this column, email us at editor@sbcmag.info or call 608/310-6706.

Most of you know a thing or two about the man we are honoring on page 34. Component manufacturers are likely to have one of his staples of automation/automated innovations in their shops. Vendors have marveled at how he crafted such innovations with remarkable precision and filled a need for manufacturers for almost 30 years. At 70, Jerry Koskovich announced his retirement from the industry earlier this year. We're pleased to send him off with a look back on his career in "Getting to Know the 'Saw Man.'"

Has your team taken on a unique design challenge recently? In the spirit of this issue's theme, don't forget to email your Parting Shots submissions to parting_shots@sbcmag.info! **SBC**



sensible

When you invest in machinery you require a return on your investment. Weinmann automated production solutions from Stiles Machinery deliver on that return with the promise of a sensible investment. In today's market, automated solutions are providing panel and truss manufacturers the ability to remain competitive with the flexibility to grow as their business requires. Stiles and Weinmann offer the proven machinery design and implementation experience you expect from the leaders – a partnership that will quickly impact your bottom line and return on investment. Learn more about how to employ the promise of sensible automation.

For more information, contact **Michael Miller**,
Director of Building Automation, at 616.698.7500
or mmiller@stilesmachinery.com.



Total Production SolutionsSM

Advanced Equipment
Intelligent Integration
Experienced Consulting
Unrivaled Services

www.stilesmachinery.com

NEW PRODUCTS



Opti-100 Panel Manufacturing Solution

- Automated, upgradeable machinery at an entry-level price



WBS 120-High Speed Linear Sawing Machine

- Engineered for the complete range of cutting and marking required by today's truss and panel manufacturer.
- Ability to handle material in excess of 40'

stiles
Your success is our business.

STRUCTURAL BUILDING **COMPONENTS**TM

THE FUTURE OF FRAMING

www.sbcmag.info

Dear Reader:

Copyright © 2008 by Truss Publications, Inc. All rights reserved. For permission to reprint materials from **SBC Magazine**, call 608/310-6706 or email editor@sbcmag.info.

The mission of **Structural Building Components Magazine (SBC)** is to increase the knowledge of and to promote the common interests of those engaged in manufacturing and distributing of structural building components to ensure growth and continuity, and to be the information conduit by staying abreast of leading-edge issues. SBC will take a leadership role on behalf of the component industry in disseminating technical and marketplace information, and will maintain advisory committees consisting of the most knowledgeable professionals in the industry. The opinions expressed in SBC are those of the authors and those quoted solely, and are not necessarily the opinions of any affiliated association (WTCA) .



6300 Enterprise Lane • Suite 200 • Madison, WI 53719
608/310-6706 phone • 608/271-7006 fax
www.sbcmag.info • admgr@sbcmag.info