MBCEA News & Updates - June 2017

Message from the President

I would like to thank all the sponsors, exhibitors and attendees that made this year's conference one of the best ever. Sasha and the Conference committee did a fabulous job. On behalf of the MBCEA, I would like to take this opportunity to acknowledge the MBMA. The decision to co-locate with our conference really contributed to our success. Tom Gilligan's opening remarks are always great and being able to share award ceremonies and general networking was fantastic. Click here to see some pictures from this year's conference.

Building of the Year awards and Pioneers are highlighted below and will be featured in the upcoming edition of Metal Construction News. I applaud those of you who take the time to submit an entry. We work on some pretty amazing projects and it's nice to be recognized for our efforts. Congratulations to all winners!

Tim Pendley, of Bay Insulation received the Bob and Beverly Ketenbrink Oil Can Award for his many contributions to industry. While at Span, Tim created the "Span University", an in-house building training facility so his erectors and employees could have first-hand knowledge and hands on training of field conditions for assembling metal buildings. So, it was easy for Tim to contribute his expertise and knowledge of safety and training processes for the Quality and Craftsmanship Training Video Series. For years Tim has interacted with contractors and erectors at MBCEA's regional and national meetings providing input and knowledge of safety, training, and erection techniques. While at Bay, Tim has been a proud supporter of MBCEA's Conference golf tournaments and the new IMP video.

In his exit interview with Bay's Human Resources Manager, Tim commented, "I just wanted to make a little difference", and indeed he has. On behalf of Bev Ketenbrink and in honor of Bob, we were happy to present this year's Oil Can.
In other News, we announced next year's Conference will be in San Antonio in early May. In celebration of our 50th Anniversary, attendees will receive a 50% discount off the regular price. Stay-tuned for more information.

Since it's such a highlight of the Conference, I would like to share some highlights from the roundtable. We had a great panel. Joining me were Jennifer Heimburger (Heimburger Construction), Justin Waller (RedIron Construction), Arnold Corbin (MeviSpan), and Josh Quinter (Offit Kurman). Keith Wentworth (Dutton and Garfield) moderated. Much of the conversation centered on use of Technology but we also covered many other topics.

Keith led off the discussion with a request for sample Temporary Bracing plans. Temp Bracing will the focus of two new tools for our trade (see article below). The development of Site Specific Plans to include temporary bracing and erection sequencing are vital for safety. We are encouraging members to send sample plans to Jackie for consideration by the project team.

Justin reminded us how easy it is to Face Time. What a time-saver over taking and texting a picture; only to call back and the employee is now out of cell phone range. With face time when there is an issue, you can immediately be brought in to the conversation. The phone can be turned so you can see exactly what your crew sees.

Our Florida member, Dean Davids, of CMBSC, has an Iphone App called CrewKeeper that allows crew leaders to document time, issues, safety
meetings, site safety audits, expenses and more. Real time entry with location aware shortcuts, defaults remote notifications of arrivals and departures.

Arnold suggested Erectors invest in an Infrared app for their phones (approx $300) that would aid in leak investigations.

Josh pointed out that use of smartphones on the job site could be great but companies should have a social media policy. Also recommended is that contracts address who has the right to take/post pictures.

Affix bar codes to your equipment and tools and scan them out to the employee. Then when you are looking for something, you know who had it last. Another suggestion is GPS trackers for your heavy equipment so you always know where they are.

Green lasers provide better visibility in the daylight than Ruby.

Time-keeping should be done by type of activity. This not only will aid in your understanding of job productivity but could influence how much you pay in workman's comp as certain activities carry higher/lower rates.

Offer job bonuses. Tie things like care of tools/equipment to the bonus.

One old school tip for managing change orders is equip your foreman with a simple memo form with a carbon copy (you know the top sheet is white, second sheet is yellow; anything you print on the top sheet appears on the second sheet). As change orders are discussed/agreed, the foreman quickly writes up a summary of the conversation and has the project manager sign it. A copy goes to the PM and a copy stays with the foreman to be returned to the office for billing.

Tom Frahm and Arnold Corbin led a Tips of the Trade class during the Friday educational sessions. At the roundtable he was asked to re-share his grease gun technique. So here it is: Every project will have a leak or two usually in the first couple of years after assembly. So if you have a roof panel lap that is 2'- 3' wide with only a pin hole type leak, why tear apart a 95% good lap just to fix a portion of it?

"My grease gun trick uses a butyl sealant that is mixed with Mineral Spirits (20%) of the volume, poured into the grease gun that has an 18 ga gasket needle inserted at the hose. To fix a leak on a panel, closure plug etc, inject the needle in the suspected area and pump the sealant. The mineral spirits will evaporate in about 24-36 hours and the sealant will return to normal consistency. All of this can be done in any weather condition. Suggest using a pistol grip gun. Purchase needles at any NAPA or Auto Zone store. Sealant comes in a one (1) gallon pail that will last a long time. For the sealant call: Sealtech, Floyd Young, 816-916-8389 or Floyd.young@sealtechna.com

Every year, we emphasize the power of the PRE-Installation meeting. If you are not doing one, you should be!

Immediately following the Conference, we sent out a post-conference survey to all exhibitors and attendees. We would like to thank everyone who responded. This is great feedback as we plan for next year. In general, most liked the schedule and location, but more importantly offered real ideas for improvement. The personalized folio was a hit. A few comments that sum up some running themes are:

- Our team would like to thank the MBCEA for the quality of the event. We found the networking strategic, the educational breakouts informative and look ahead to 2018.
• Sasha (and Jenny-MBMA) made the challenge of registering both the MBCEA and MBMA seamless
• Only drawback is deciding which breakouts to go to on Friday.
• Idea of both organizations together sharing information is GREAT!
• Would like to have a longer round table discussion. The round table should not be at the end. That meeting brings so much energy to the room that it should be earlier.
• Speakers did a great job. From takeover by robots to Gary’s passion - you had it all!

In closing, there was one question frequently asked that I would like to answer. This year was our 48th Annual Conference, yet we announced that next year is our 50th Anniversary - What’s up with that? The SBA which became the MBCEA organized as an association in 1968. Since then we have hosted 48 Conferences so next year will be our 49th Conference during our 50th Anniversary year.

Thanks to everyone who participated. It was great to see you all.

Thanks.

Regards,

Mike Reynolds
President, MBCEA
mike@scisteel.com

P.S. Please update your records to reflect a new PO box for the MBCEA. Our mailing address is: MBCEA, P.O. Box 3429, Bethlehem PA 18017.

NEW MEMBERS

Anchor Contracting, LLC
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2017 BUILDING OF THE YEAR - PROVO POWER FACILITIES, BY J&M STEEL SOLUTIONS OF LEHI, UT

Buildings of the Year Awards were offered in the following categories: Education and Recreation, Manufacturing, Warehouse, and Specialty. Ronald Albert, AIA, of RHA Architects, Haverhill, Mass., Matthew B. Jarmel, AIA, MBA, of Jarmel Kizel Architects and Engineers, Inc., Livingston, NJ, and Jerry Gorski, P.E., of Gorski Engineering, Inc., Collegeville, PA graciously served as judges.

The coveted 2017 Building of the Year was awarded to Provo Power Facilities in Provo, Utah, submitted by J&M Steel Solutions of Lehi, Utah. The 17,525 square foot building consisted of a pre-engineered metal building to be used as a maintenance building using B-deck with R-30 rigid insulation and membrane roof and 2" insulated wall panels that was attached to a traditional structural building to be used as the administration. It achieved a Gold LEED Certification Level. The building was supplied by Nucor Building Systems, Charlotte, NC, and designed by VCBO Architecture, Salt Lake City, UT. Layton Construction, Sandy, UT was the general contractor. The erector was J&M Steel Solutions.
Education & Recreation Category Winners

Winner of Excellence
Jacobson Arena - Riess Construction
Winner of Merit
Canton Ice House - Barnes Buildings & Mgmt Group, Inc.

Manufacturing Category Winner

Winner of Excellence
Mid-Land Highway 43 Project - Mid-Land Enterprises
Specialty Category Winners

Winner of Excellence
Tulsa Transmission Line and Station Service Center - Crossland

Winner of Merit
Galeton Fire Station - Heath Steel
Warehouse Category Winners

Winner of Excellence
Dixieland Warehouse - Crossland Construction

Winner of Merit
SAIA LTS Freight Terminal - Thomas Phoenix International
The following companies were recognized at Conference for recently achieving AC478 accreditation. We salute their commitment to quality, safety and training.

Dave Leinbach, the Kaiser-Martin Group
Chapter News

**The Mid-Atlantic Division of MBCEA**

11th Annual Golf Tournament will be held at Iron Valley Golf Club on **Tuesday, June 20, 2017**. Attached find the [registration form](#) and [sponsorship form](#). We'd like to thank Butler Manufacturing for sponsoring this year's tournament. There are several main sponsorships left to fill and hole sponsorships available for everyone! Don't wait to sign up! It's always a great time and we're able to offer very low-cost training throughout the year thanks to your support! Network with your customers! Look forward to seeing you there!

would also like to thank Atas International for hosting our Annual Safety Refresher course on Friday, June 9.

**The Northwest Inland and Coastal Chapters** are planning two full day certification training sessions in Davenport, WA on **Thursday, June 22 and Tukwila, WA on Friday, June 23**. Topics covered will be Bolting and Aligning, Controlled Deck Zone Safety, ABC’s of Personal Fall Arrest System, Connection Safety, Make the Connection, Crane Signal Person, and Cutting Torch and Hot Safety Work. There is no cost to attend these meetings but please RSVP to [Sasha Graver](#).

**The Carolinas Chapter** annual Summer Meeting will be held **June 29 - July 2, 2017** at the Hilton Head Marriott Resort & Spa on Hilton Head Island, SC.

Save the date for the **Greater Ohio Region Chapter’s** golf outing planned for **July 13**. Full details will be sent out shortly.

**The 27th Annual MBCEA-NEC Golf Tournament** will be held on Thursday, July 27, at Sable Oaks Golf Club in South Portland, Maine. This event is a major fundraising opportunity each year to help our mission to promote the metal building industry in New England and nationally. The funds help provide education and training to our members for little or no cost. We will also be donating a portion of the funds to the Semper Fi Fund this year. Thank you to our Tournament Sponsor, RJD Associates, Inc. Click here for the [entry form](#) and [sponsorship form](#). Act quickly as these opportunities fill up fast!
OSHA UPDATES

Mr. Wilfred Hebert, Compliance Assistance Specialist was a featured speaker at the 48th Annual MBCEA conference. He reminded us of two distinct roles at OSHA - Enforcement and Compliance. Compliance officers are not the bad guys - as Wilfred said - "they work for you." Feel free to call them and ask questions. The Compliance division has many tools and resources available for free. Several links are noted below.

OSHA Quicktakes Newsletter
OSHA Small Business Webpage
Small Business Handbook
Sample Safety and Health Programs
HAZCOM webpage
Compliance Guide for employers that use Hazardous chemicals
Recordkeeping
Injury and Illness Recordkeeping Forms
OSHA Recordkeeping Handbook
OSHA E-Tools
Publications

Temp Bracing and Erection Sequence Plans are not an Option but a MUST!

Metal buildings are designed as an integrated system, where all elements of the building structure resist loads supported by that element and also work integrally with the other components to provide adequate bracing and stability for the overall structure. Therefore, the structure is often prone to strength and stability concerns during erection when only some elements of the structure are in place. Inadequate bracing during erection probably contributes to more metal building system collapse than all other factors combined.

The MBI is committed to safety and education programs for the metal building industry. Recognizing the importance of Temporary Bracing, Gary Smith announced two major initiatives.

1. The next training video in the Quality and Craftsmanship Series will be on Temporary Bracing. The 30 minute video with test will be geared to the field worker. Watching the video will educate and reinforce key concepts and techniques as well as emphasize why temp bracing is so important.

2. The MBI will produce a guidebook for use by Contractors and Erectors as they develop their Site specific plans. The guide will explain key elements of temporary bracing, as well as, provide prescriptive and engineered options.

John Rolfes, PE, SE CSD Structural Engineers will be developing the guide with the assistance of an MBCEA project Team chaired by Keith Wentworth, of Dutton & Garfield. Other members of the team are: Sean Smith (Thomas Phoenix International), Andy Lee (SFS Group), Tim Seyler (S&S Structures),
Andy Huber (A. L. Huber), Tom Frahm (Butler), Mike Reynolds (Systems Contractors), Craig Schaeffer (Safety Works) and Jackie Meiluta.

At Conference, Keith requested MBCEA members forward copies of erection plans to Jackie to help the committee focus on our needs.

There are sponsorship opportunities available for these two initiatives. Click for more information.

More information about Mr. Rolfes can be found at CSD Structural Engineers, 8989 N Port Washington Rd, Milwaukee, Wisconsin 53217, www.csd-eng.com

MBCEA PIONEERS

**Leonard 'Bud' Ames, Ames General Contractor** in Clermont, FL has been a Contractor and Erector since 1975. Most recent affiliations have been with Elite Structures, Bigbee Steel, Nucor, Vulcan, Gulf States, Mesco, Pasco, MBCE, Kirby, and Atlantic Building Systems. Other experience has been a facilities manager over the expansion of aerospace firm Air Foil Textron. He is a past Vice President of the MBCEA Southeast Chapter and committee member. He received the Building of the Year Award of Merit in the Specialty Category in 2015 for his Animal Shelter Addition.

**Jonathan Wade Hobbs, Universal Erectors** in Brandon, FL has been a contractor and erector for 38 years. Most recent affiliation is with Uni-Bilt Systems and Metallic Building Co. He's erected most brands including Varco Pruden, Star, Kirby, Butler, American Buildings, Dean, Gulf States, and Whirlwind. In other experience, he was a crew member on the "World's Largest Clear Span Ridge Frame Building" July 1980. It was a 300' clear span, Jai Alia Fronton, West Palm Beach, FL, American Steel Bldg. Wade is the President of Uni-Bilt Systems and a commercial helicopter and airplane pilot. He currently holds the office of Treasurer on the National board and President of the Southeast Chapter of MBCEA, and former director of the Tampa Builders Exchange. He was an honored guest speaker representing MBCEA at the 2016 North American Iron Workers/IMPACT Labor Management Conference.

**Clayton Rollins** with **C.A. Rollins Corporation** in East Bridgewater, MA has been a contractor and erector for 45 years. His most recent affiliation is with A&S Building Systems. Awards received have been the Two million dollar award, Three million dollar award, Appreciation of loyal performance award, Outstanding Performance award, and Presidents Award.

It's Getting Hot Outside

With the start of summer, it's time to take steps to protect yourself and your employees from heat exhaustion and heat stroke. Construction workers -- who work outdoors in direct sunlight or in hot, enclosed spaces -- are especially at risk. In 2015 alone, 17 construction workers died and many more became sick from
working in the heat.

Heat-related illnesses and deaths are preventable. Workers can dress for conditions in light-colored, breathable clothes. Employers should plan frequent water breaks in shaded or cooled areas for their employees. And everyone should know the symptoms of heat stroke, so they can spot a co-worker in danger and call for help.

CPWR has published a new Hazard Alert that reviews heat hazards and the steps to prevent heat illness. It’s an ideal handout for worker safety talks and training classes -- contact CPWR if you would like to request free copies to distribute, or download copies in English and Spanish from our website. You can find this, and more information and tools to help you work safely in hot weather, on our Working in Hot Weather web page.

**Speaker Feedback**

As noted above the Conference offered many educational sessions. Copies of the Powerpoints are in the Members Only Area of the MBCEA website. Attendees completed a brief survey at the end of every session. This information is helpful as we plan for future events.

35 people attended the OSHA Inspection Process seminar led by Josh Quinter. Attendees were pleased with comments such as "fantastic information, "excellent points of interest."

53 people attended How to Lead a Productive Organization by Josh Quinter. Comments were generally high with several comments of "great delivery of content" and "always a good session."

31 people attended COMCheck by Tim Kessel. Comments were generally positive.

50 people attended Re-Roofing by Brendan Doyle, although some complained about sound and content, this session was generally well received.

35 people attended an OSHA Update presented by Wilfred Hebert. Most felt he was engaging and enthusiastic. Sound quality was an issue.

35 people attended Apprenticeship by Jackie Meiluta with positive feedback and high level of interest.

32 people attended Global Harmonized System by Gary Smith. This train-the-trainer was very well received. One comment that summed up the session was "great experience presented in effective language" (Note: In case you missed it this class will also be offered at Metalcon and several Chapter meetings.)

44 people attended Project Economics by Nate Fox. This was Nate's first time at MBCEA and he was well received. Although some complained about sound, it was generally viewed as an excellent topic for contract work.

37 people attended New Energy Codes by Bill Beals. Comments such as "Bill knows his stuff" and "Bill takes a complex issue and made it understandable" is
why we keep inviting him back! Other comments suggested this could be a good roundtable topic as it needs more time/details.

43 people attended Common Assembly Problems by Tom Frahm and Arnold Corbin. They received many warm comments such as "topics were relevant and useful in my job", "answered questions well", "really spelled out do's and don'ts."

22 people attended Dustin Cole's coverage of the Metal Building Inspection Handbook. He received generally high remarks such as "a little dry but good overall content."

62 people attended a workshop on AC478 Accreditation by Jackie Meiluta with mainly favorable comments on the program and presenter. It was noted there are a lot of details to cover in such a short period that it was hard to capture keys of each section.

We want to hear from you!

The MBCEA is dedicated to the professional advancement of our members. We need to know what is important to you, what kinds of things you are interested in, what you need.

Sasha Graver, Executive Director
Mike Reynolds, President
Jackie Meiluta, Program Manager

please connect with the MBCEA.

Quote of the Day

“YOU DON’T NEED NO GYPSY TO TELL YOU WHY. YOU CAN’T LET ONE PRECIOUS DAY SLIP BY.”
-Allman Brothers Band