



Bahia Resort Hotel

San Diego, CA

April 30 – May 2, 2015

Conference Program

The mission of the MBCEA is to support the professional advancement of metal building contractors, erectors, and our industry.

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Jackie Meiluta, Advisor



With Mission Bay surrounding the resort and Mission Beach and Sea World only a block away, Bahia offers endless popular San Diego activities that will fill your day to the brim. Resort Watersports is located a short walking distance just west of the Marina building at the Bahia Hotel. Their outlet provides rentals for sailboats, kayaks, and paddleboards for use in Mission Bay. Guests choosing to venture into the waves of the Pacific Ocean can rent surfboards and boogie boards. Bicycles and Segway's are also available to cruise up and down the boardwalks of Mission Bay, Mission Beach, and Pacific Beach.

CONFERENCE SCHEDULE OF EVENTS

THURSDAY APRIL 30, 2015

GOLF OUTING

Foursomes will begin playing at 12 noon

Join your fellow golfers for a friendly, yet competitive round of Golf at the Coronado Municipal Golf Course. Opened in 1957, it is rated as one of the best public golf courses in the nation. The course measures 6,590 yards from the blue tees and is a par 72. Immaculate greens, wide inviting fairways and dramatic views coupled with incomparable weather, make Coronado a must-play for all golfers. The Conference price of \$125/pp includes lunch and transportation to the course. <http://www.golfcoronado.com/>

Golf Outing Sponsored by:



Registration Desk Open in Pacific Room

4:30PM – 6:30PM



Welcome Meet and Greet Reception

7:30PM - 10PM

Join us for a cruise around Bahia Bay on a private Paddle-Wheeler. Cocktails and Hors D'oeuvres will be served. This delightful networking event officially opens the Conference.

Welcome Reception Sponsored by:



FRIDAY MAY 1, 2015

Breakfast Buffet in Mission Bay Ballroom

7:30AM – 9AM

Registration Desk Open in Mission Bay Foyer

8:00AM – 10:00AM

Breakfast Sponsored by:

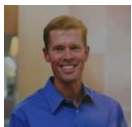


Welcome and Opening Remarks by Gary T. Smith, President MBCEA

8:45AM

State of the Industry by Tom Gilligan, Chair of MBMA

9:15AM



Tom Gilligan is President of Butler Manufacturing and current chair of MBMA. He has 28 years of experience in the construction industry and is responsible for leading and growing the Butler business. "The current construction market is among the most compelling I've witnessed; the focus on energy efficiency, innovation and building life-cycle costing make this a great time to expand."



Friday Educational Sessions

We have two break-out sessions running concurrently all day. The Conference Committee has created a schedule that blends management and field needs with a goal to improving your understanding of issues and opportunities confronting our industry. Each class has been carefully planned to provide you with the tools and information needed to improve your business and your bottom line. A quick grid followed by details of each session are provided below so you can plan your day carefully.

Begin	End	Mission Ballroom A	Mission Ballroom B
8:45	9:30	Gary Smith – Welcome & Tom Gilligan - State of the Industry	
9:40	11:10	Accreditation (there will be a 5 minute break at 11:10)	Layout, handling and commonly missed details with IMP
11:15	12:00		Installation procedures to achieve proper R-value and vapor barrier
12:00	12:45	LUNCH WILL BE SERVED IN MISSION BAY BALLROOM C&D	
12:45	1:30	Preparing for Building Requirement and Code Changes	Make money from Re-Roofing
1:35	2:15	Use of BIM by Erectors	
2:20	3:05	Legal/ Contract Negotiations	The theory of Bolts
3:05	3:20	THERE WILL BE A 15 MINUTE BREAK WITH SNACKS	
3:20	4:00	Understanding tomorrow's workers today	Roof Life Service Report
4:05	5:00	Transpired Solar Collectors	

ACCREDITATION: WHAT IS IT AND HOW TO PREPARE

9:45AM – Noon
Meeting Room Mission A

Gary Smith, Sandi McCracken, Jackie Meiluta and Mike Reynolds will provide a brief history and overview of the new Program, AC478 Accreditation Criteria for Inspection Programs for Metal Building Assemblers and then dive into the nuts and bolts of the program. They will share forms and templates necessary for your company to become accredited, explain the fee structure and inspection process. If you are considering this program, you do not want to miss this session!

Smith and Reynolds are both successful erectors who believe this program is a game changer. Listen to them explain how they intend to make the program work for them. McCracken is Programs Manager for the International Accreditation Service. Meiluta is an industry advisor who has helped the MBCEA craft this standard, as well as the MBI Apprenticeship Program.



INSULATED METAL PANEL INSTALLATION

9:45AM – 11:10AM

Meeting Room Mission B

A “Top 10” of installation topics for insulated panels. The topics come from commonly asked questions, observations from the field, product training, and claims. Not as much fun as a Jay Leno Top 10, but should help reduce errors and improve productivity.

1. Unloading
2. Handling & Storage
3. Panel layout
4. Framing alignment
5. Vapor Seals
6. Cold Weather Considerations
7. Thermal Bow
8. Cutting
9. Framed Openings
10. Tools & Equipment



Presented by Arnold Corbin, Pre-Engineered Buildings Manager for Metl-Span. Corbin has been with Metl-Span and its sister companies for more than 20 years. In his 35-year career, Arnold has been involved in general construction, field technical services, designs consulting, and materials manufacturing.

ACHIEVING INSTALLED R-VALUES AND MAINTAINING VAPOR RETARDERS IN METAL BUILDING INSULATION SYSTEMS

11:15AM – Noon

Meeting Room Mission B

An overview of proper installation of metal building insulation and common misconceptions. Presented by Phil Meador who has been with Bay Insulation Systems for 12 years and has been in the commercial insulation industry for 20 years. Currently Phil is an Eastern Regional Manager for Bay Insulation Systems/Contracting.



Lunch will be served in Mission CD from Noon to 12:45PM

Lunch Sponsored by:

**DYNAMIC
FASTENER**

READY FOR ENERGY CODE CHANGES?

12:45PM – 1:30PM

Meeting Room Mission A

THIS IS A TWO PART SESSION



Energy Codes are changing. States are leapfrogging “editions” to be in the forefront of adoptions. The economy and demographics are changing at their own pace, to their own “needs.” Attendees will learn about the overlaps of the code/demographic futures in their world, as well as become prepared to form questions they should/could be asking, and then where and with what resources they can align themselves for the answers. Presented by Robert Tiffin, National Accounts Manager for Silvercote.



Ben Ferguson, of Pacific Insulation Products will then offer his expertise as an ICC Commercial Energy Plans Examiner to design the best code compliant insulation package that works for the erector and the building owner. Learn how to keep metal buildings an affordable construction option as the new building environment moves towards a Net-Zero future.



USE OF BIM BY ERECTORS

1:35PM – 2:15PM

Meeting Room Mission A

BIM is an acronym that stands for Building Information Modeling. BIM is very much talked about these days in the building industry, but when asked you will receive more or less different definitions from different people? Some say BIM is a type of software. Some say BIM is the 3D virtual model of buildings. Others say BIM is a process. It is safe to say that BIM is all the above and some more... In this session learn:

- How Building Information Modeling (BIM) is transforming and streamlining the construction process
- How an Integrated Project Delivery system (IPD) significantly improves communication on a project
- How field use of BIM & 3D Modeling can prevent unsafe erection conditions at the jobsite
- How BIM modeling can significantly improve accuracy and cut costs of surveying for a building's location including foundations & footings



It's Our Nature. 



Presented by Jerry Gaston of Nucor. Gaston has been in the metal building industry and working for Nucor since 1994 in numerous roles including Drafting, IT support, Builder Services and most recently as Training Coordinator for the Nucor Buildings Group.

\$MAKE MONEY IN ANY ECONOMY WITH METAL RETROFIT ROOFING \$

12:45PM – 2:15PM

Meeting Room Mission B

How would you like to know the “secrets” associated with not only weathering the recent business recession (the worst since the Great Depression in the 1930’s), but actually expanding a profitable construction related business during this time? The metal retrofit roof market has provided continual opportunities for contractors in the commercial, and especially in the institutional, market from the late 1970’s right through the recent economic recession. The base product, standing seam roofs, and their coatings, Galvalume, are proven to outlast most of the other components of a building, let alone other roofing materials. Owners want it since it has, by far, the best building life cost analysis. Manufacturers are extremely efficient in producing many variations and colors of standing seam roof panels and accessories. The missing link to make this product dominant in the total commercial roofing market is an educated and passionate contractor. This seminar will teach the basics of what it takes to be that contractor who can dominate his market area with minimal competition and very attractive profit margins. The attendees will learn how to cultivate this work, how to organize their companies to be able to estimate, buy-out materials, and manage field forces, as well as account for the profitability of the individual projects and the company profitability as a whole.



Presented by Chuck Howard, of Metal Roof Consultants. Howard has more than 30 years of experience of marketing, designing, and constructing metal retrofit roofs. He has a proven model that shows how this business can be “recession-proof” and consistently profitable.

CONTRACT NEGOTIATIONS



2:20PM – 3:05PM

Meeting Room Mission A



Presented by Josh Quinter of Kaplin Stewart, Attorneys at Law. Quinter has extensive experience in representing owners, contractors, and subcontractors on both public and private projects. Payment issues, defect and delay claims, and indemnification and insurance issues are among the construction cases he regularly handles. Quinter serves as Legal Counsel to the MBCEA and Chapter President for the Mid-Atlantic Chapter. He is a frequent contributor to the MBCEA newsletter.

This session will cover the theory behind structural bolting and the “Why’s” behind the RCSC, AISC & ASTM specifications and the changes that occur over time. Presented by Heath Mitchell, S.E. P.E. of G.W.Y., Inc. Prior to joining G.W.Y., Heath was the Director of Technical Assistance at A.I.S.C.

THERE WILL BE A BREAK FROM 3:05pm – 3:20pm

UNDERSTANDING TOMORROW’S WORKERS TODAY!

3:20PM – 4:05PM

Meeting Room Mission A

Millennials, at 78 million strong, are the largest generation to date and, in many ways, the most diverse generation in America’s history. As they continue to enter the workforce it’s important we gain a better understanding of them personally and professionally by answering questions such as:

- Who are the millennials
- What really matters to them personally and professionally
- The influence of family and friends
- What are they looking for in the workplace
- How do we retain them in our organization
- Millennials and social media
- Different methods of recruiting Millennials



It's Our Nature. 



Presented by Jerry Gaston of Nucor. Gaston has been in the metal building industry and working for Nucor since 1994 in numerous roles including Drafting, IT support, Builder Services and most recently as Training Coordinator for the Nucor Buildings Group.

TRANSPIRED SOLAR COLLECTORS

4:10PM – 5:00PM

Meeting Room Mission A

Solar Air Heating: How Smart Buildings Are Using the Sun to Lower Heating Energy Consumption. This session will answer the questions:

- What are transpired solar collectors?
- How does it work?
- What are the benefits?
- What are the key criteria for project feasibility?



ATAS International, Inc.
Sustainable Building Envelope Technology



Presented by Martin Misenhimer, LEED Green Associate and Sustainable Building Products Manager for ATAS International, Inc.

ROOF SERVICE LIFE REPORT

3:20PM – 5:00PM

Meeting Room Mission B

A three-year study of aged roofs has recently been completed by the Metal Construction Association (MCA). The study involved detailed inspection and disassembly of 14 roofs aged 30 years or more, located in 5 different climate zones of the U.S. All roof components and ancillaries were evaluated and laboratory analyses conducted on various vital elements. The data collected was reviewed by 4 independent experts in order to accurately predict the service life of these roof types when constructed today in accordance with industry best practices. The results show that the standing seam roofs that we all sell and install are the most durable roof types in the commercial roofing industry- bar none, and outlasting membrane roof types by 3 times.



Of course we all knew that. But for the first time, scientific and empirical data support these conclusions, and the technical data is now published for widespread use by contractors, building designers, owners and other construction influencers.



MBCEA Lifetime Member, Rob Haddock initiated and directed the protocols in this study, also participating in the field inspections and data interpretation. Rob will share some “behind the scenes” insights, observations and conclusions gathered during this study, and also discuss how we can capitalize on the published results.



EXHIBIT HALL WITH COCKTAIL RECEPTION AND DINNER 5PM – 8PM

Cocktail Reception Sponsored by:



BE SURE TO VISIT ALL OUR EXHIBITORS

ATAS International, Inc.	G.W.Y., Inc.	S-5!
AutoMAK Assembly, Inc.	IMPACT	Service Partners, LLC
Bay Insulation Systems	MBCI	SFS Intec
Chief Buildings	Metl-Span	Silvercote
Dominion Building Products	Nucor	Tell Manufacturing, Inc.
Dynamic Fastener	Pacific Insulated Panel	Therm-All, Inc.
ECHOTape	Plyco Corp	Wood's Powr-Grip Co., Inc.
Franklin International	PowerLift Door Consultants, Inc	

AWARDS CEREMONY AND RECEPTION 8PM – 10PM

Awards Ceremony Sponsored by:



SATURDAY MAY 2, 2015

Breakfast Buffet in Mission Bay Ballroom

7:30AM – 9AM

BEST PRACTICE FROM THE BEST OF THE MBCEA

9:00AM – 10:00AM

Meeting Room Mission A

Mike Reynolds, Tim Seyler, Steve Moore, Eric Kay and Art Hance will each present an issue and solution. These mini presentations will share tips and techniques highlighting best practice for the successful erector and contractor.

ASK THE EXPERTS ROUND TABLE

10:00AM to Noon

Meeting Room Mission A

Gary Smith will moderate an “Ask the Experts” round-table discussion. Members of the AC478 Technical Committee will form the expert panel. Bring your questions, problems, opportunities. This is an open mic format to ask the experts. It is always a fan favorite and lively dialogue. Ideas, issues and opportunities presented in this session frequently lead to new programs for the MBCEA.

This will conclude the 2015 Conference. We encourage you to enjoy the amenities of the beautiful San Diego area and look forward to seeing you next year at the Sheraton Sand Key Resort, 1160 Gulf Blvd., Clearwater Beach, FL 33767 - May 19-May 21, 2016



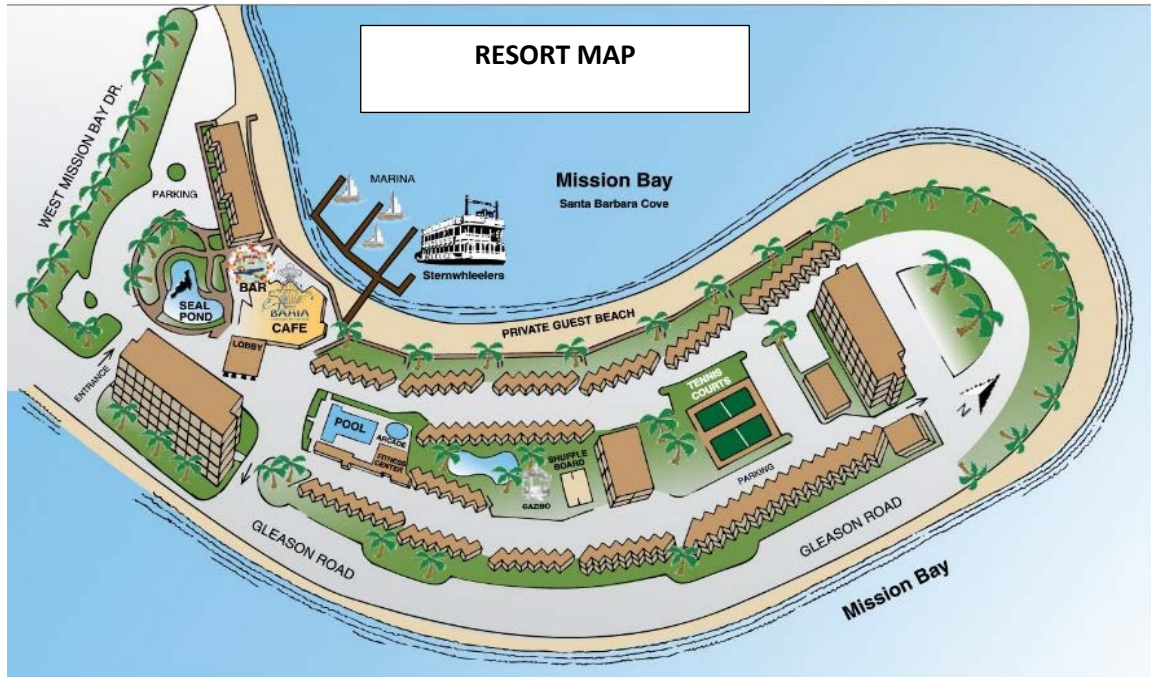
**Calling all California members!
Interested in forming a chapter?**

Join us for lunch and a brief kick-off meeting. Lunch and networking beginning at 12:30 in Room Mission B. The MBCEA Board will speak on benefits of membership and how to get a chapter started. This is an open event for all contractors, erectors and suppliers in the California area. You do not need to be a MBCEA member to attend. Although this meeting is free, you must RSVP to attend. Contact Sasha Graver at 484-239-3337 or sgraver@mbcea.org for more information.

Lunch is courtesy of:



Please note All MBCEA Conference events (except Golf and Paddle Wheel Cruise) take place in the Mission Bay Ballroom which is located in the tall building directly across from the lobby. Thursday Registration is in the Pacific room which is also in the tall building across from the lobby.



Thank you for attending the 46th Annual Conference. If at any point during the Conference, you have any questions or need any additional information, call or text Sasha Graver at 484-239-3337 or sgraver@mbcea.org. Don't forget, save the date for Conference 2016: May 19-May 21, 2016