2025 MBCEA Conference and MBMA Spring Meeting



METAL BUILDING CONTRACTORS & ERECTORS ASSOCIATION MAY 7-9, CHARLOTTE NC



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METAL BUILDING CONTRACTORS & ERECTORS ASSOCIATION MAY 7-9, CHARLOTTE NC



Photo Op Moment !





Creative, Imaginative, Defensive or Closed-off Down-to-earth, Confident, Ambitious, Defensive

Ankles Crossed



Intelligent, Rational Thinkers, Punctual, Smart Workers, AND

Ready for a Photo Op!

Reaching New Heights, Togethe





Sasha Demyan Executive Director MBCEA



Robert Tiffin President Silvercote: National Team



Justin Beall Secretary DD Construction: Owner



David Leinbach Vice President Kaiser Martin Group: Owner



Dave Tomchak Treasurer Bay Insulation: Marketing

Executive Committee



Jennifer Heimburger Past President Heimburger Construction Owner



Hall of Fame – Founder Inductee







"Sasha Demyan...not merely a leader; a catalyst for change, a tireless advocate, and a visionary"













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FLEMING







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BUILDING SYSTEMS





PLAN MANAGE BUILD

Kessel Construction, Inc.



HEIMBURGER



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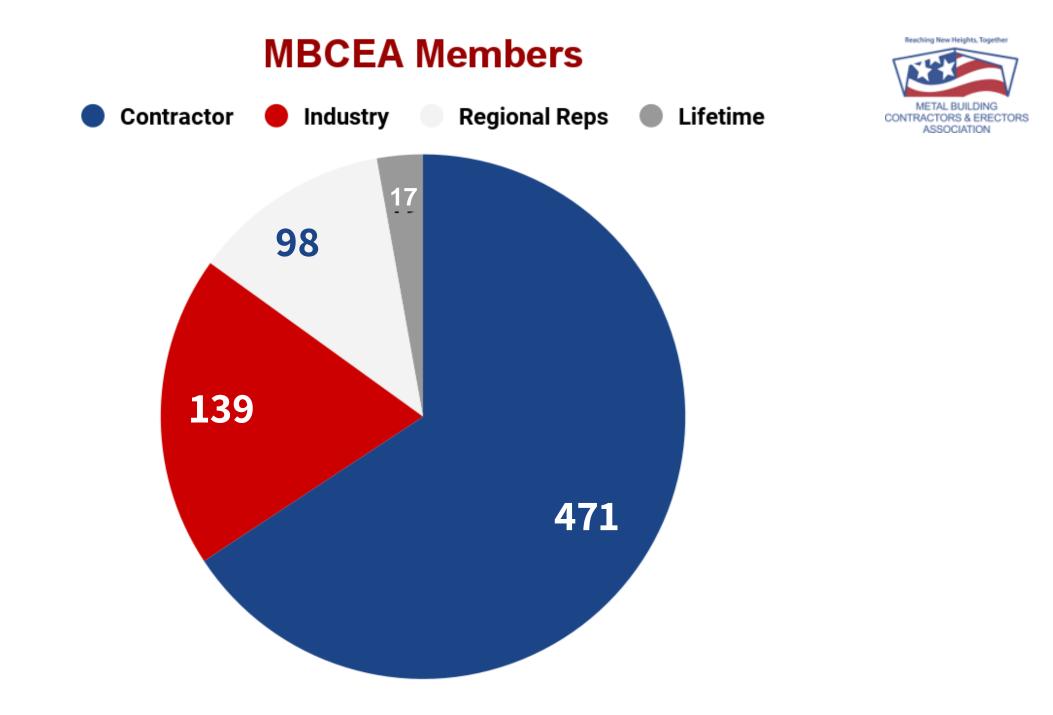


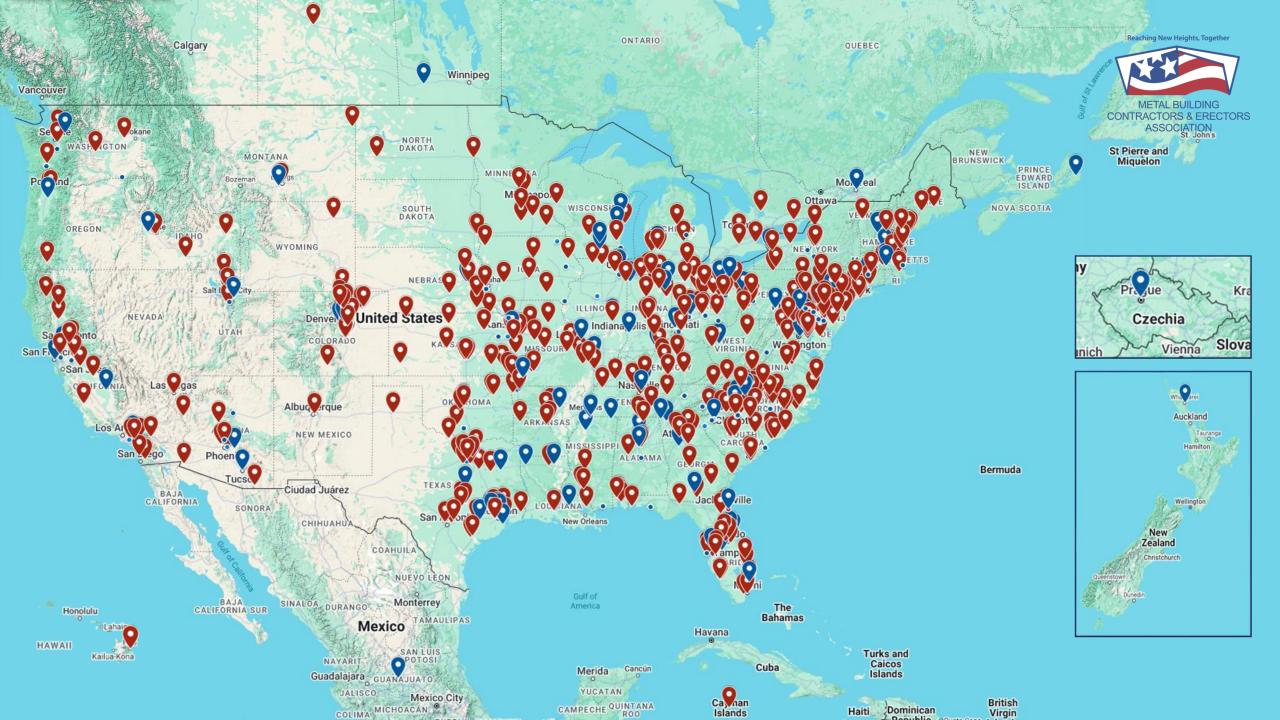


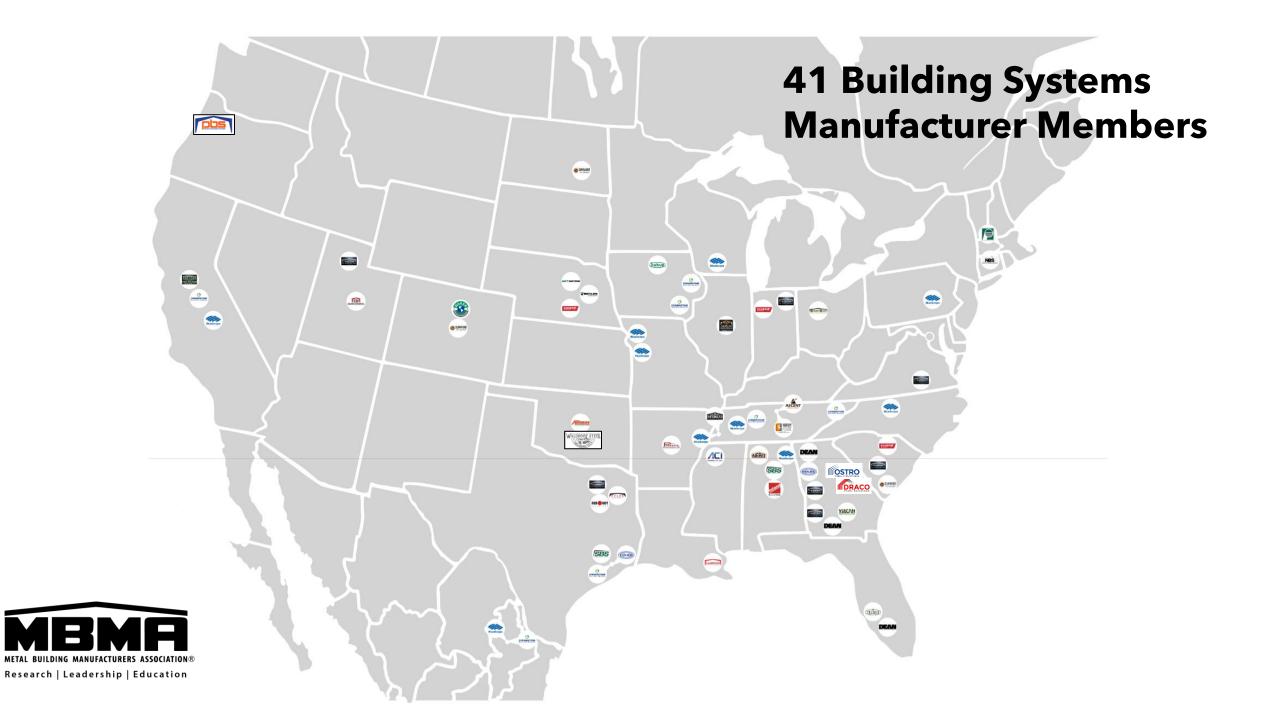












META

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- R-Seal
- S-5!
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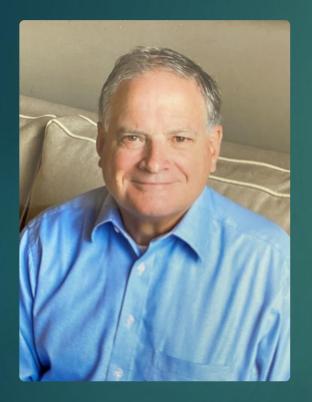


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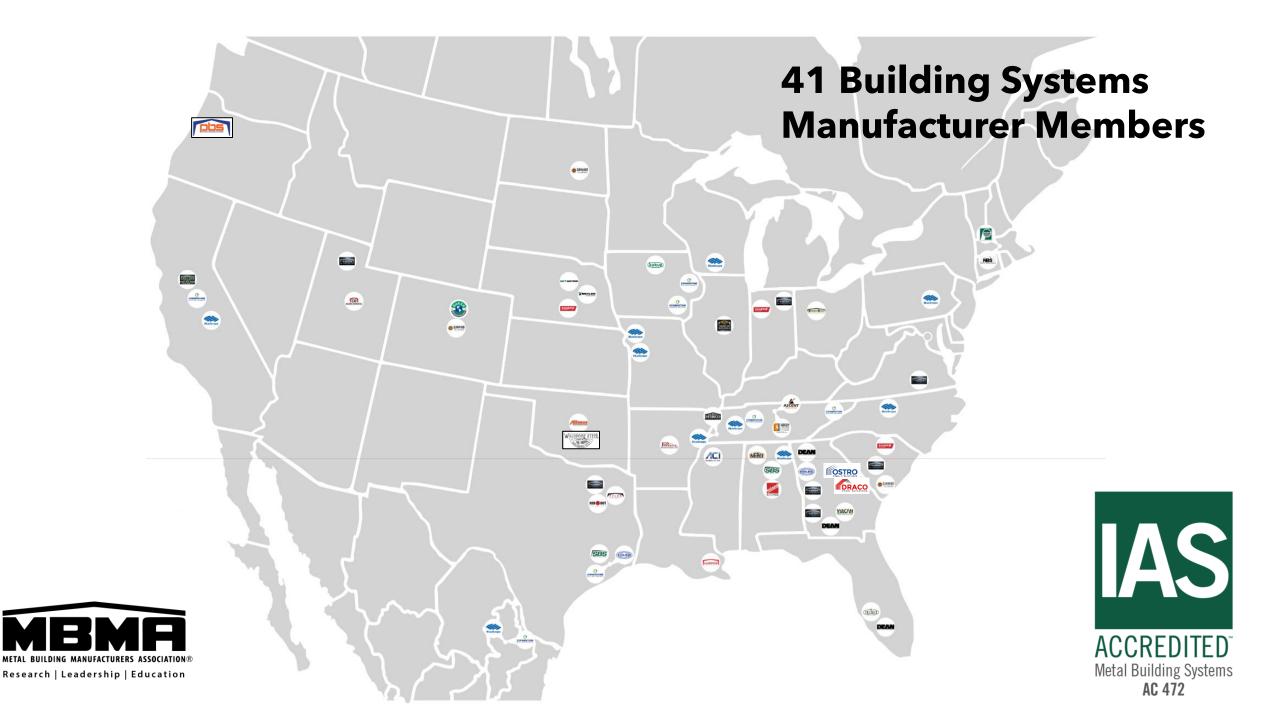
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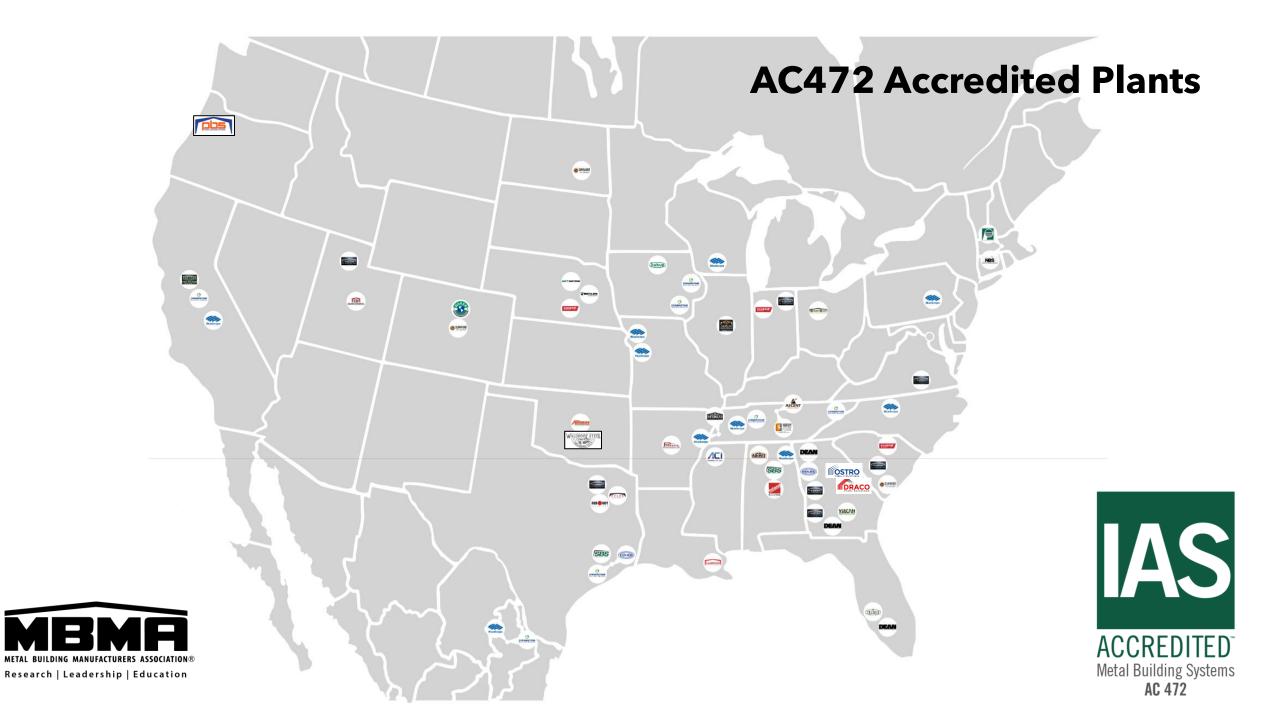




ASSISTANT DIRECTOR OF RESEARCH & ENGINEERING



META



METAL





Metal Building Contractors and Erectors Association (MBCEA)



MBCEA Monthly Webinar Series



Month	Торіс	Attended
January	Contract Talks (Josh Quinter)	58
February	Tax Planning (Shannon Fowler)	20
March	What's New in OSHA (Craig Shaffer)	40
April	Overhead Cranes	60
Мау	Code Updates (Bill Beals)	-



MBCEA MBMA Conference Presentations

AC472 & AC478 Accreditations AIA Presentation - Downloadable presentation in Dropbox that you

Conference Presentations

55th Annual Conference – April 24-26, 2024, San Dieg AIA Approved CEU Courses

Job Costing Presentation

51

- Business Valuation / Acquisitions / Succession Planning
- MBMA & MBCEA Association Updates

Library

52nd Annual Virtual Conference – April 28-30, 2021, V

- Opening Session Steel Production and Pricing Slides
- Keynote: Post Pandemic...Issues, Challenges and Strategies to Grow your
- Building of the Year Awards Ceremony

AC478 Roundtable Recordings

- 3/20/25 The focus was on the Internal Audit and Management Review portion of the criteria.
- 1/23/25 Greg West, International Accreditation Service (IAS) addresses the marketing /support IAS offers and what happens after you apply.

can present to architects.

11/21/24 - Jackie Meiluta discusses the training required to meet the criteria.

9/19/24 - Cory Dukowitz, Safety Manager with Rice Companies shares why they became accredited. Hance Construction talks about meeting the subcontractor criteria.

7/25/24 Passcode: 91p?GfGG - Joe Allen, Project Manager, Safety and Training Mgr. for Thomas Phoenix International digs deeper into the Journeyworker requirements.

5/30/24 Passcode: &QGJ\$5\$p

3/28/24 - the Manufacturer's perspective. Joining our panel of experts is Sarah Toth, Area Manager for Butler Manufacturing who highlighted AC478 at the recent Butler meeting.

1/18/24 - review of the changes that take effect this year

MBCEA.org

Member's Only Area

Metal Building Contractors and Erectors Association (MBCEA)





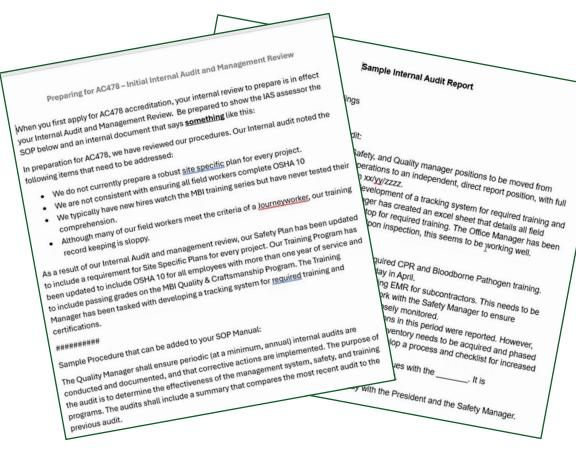
March 20 *"Preparing for AC478 Initial Audit and Management Review"*

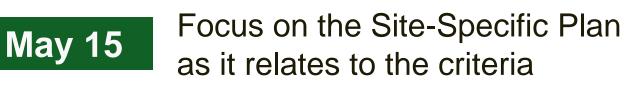


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ACCREDITE

Jackie Meiluta







2024 METAL BUILDING STUDENT DESIGN COMPETITION

University Sports Complex







Pragathi Chandramouli University of Massachusetts - Amherst



Maya Westbrock California State University – Sacramento

YouTube

@MBMAMedia

UNDERGRADUATE DIVISION



MAYA WESTBROCK - 1ST PLACE UNDERGRADUATE AND OVERALL

California State University - Sacramento

The 1st place undergraduate and overall award of \$5,000 went to Maya Westbrock of California State University – Sacramento. Faculty Advisor: Mark Roddy

MAYA'S DESIGN:





NAMAN DESAI AND CARLOS MARTINEZ - 2ND PLACE UNDERGRADUATE

Texas A&M University

The team of Naman Desai and Carlos Martinez of Texas A&M University in College Station, TX won the \$3,000 undergraduate second prize. Faculty Advisor: Marcel Erminy

THE TEAM'S DESIGN:





UNIVERSIDAD DEL GUATEMALA TEAM - 3RD PLACE UNDERGRADUATE

Universidad del Guatemala

Third place, and \$2,000, went to the team of Gabriel Paz and Michelle Quan, students at the Universidad del Istmo in Frajinas, Guatemala. They were advised by Luis Miguel Sagastume.

THE TEAM'S DESIGN:



mbmaeducation.org

Faculty Workshop



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CAN YOU SPOT THE METAL BUILDING?







Metal Building Bones

Lunch and Learn CEU Courses



Creative Design Alternatives Using Metal Building Systems

Explore the perceptions and realities of metal building design.

Sponsored by the Metal Building Manufacturers Association (MBMA) Adapted from the article course by Peter J. Arsenault, FAIA, NCARB, LEED AF



Approved Continuing Education



Jeff Wolgamott Vice President Ironhide Construction





Apprenticeship Committee Mission



To facilitate the development of apprenticeship programs specifically for the erection and assembly of metal buildings in as many jurisdictions as possible

"...help companies and workers better their workmanship, improve on their efficiency, and work more safely."

"...good things are ahead."

Joshua C. Quinter Committee Chair

Monthly Newsletter

Reaching New Heights, Together



Quick Links

Board of Directors [kpxhl4lab.cc.rs6.net] Member Directory [kpxhl4lab.cc.rs6.net] Members Only [kpxhl4lab.cc.rs6.net] Products & Services [kpxhl4lab.cc.rs6.net] MBCEA Conference [kpxhl4lab.cc.rs6.net]

We want to hear from you!

Let us know what is important to you; what kinds of things you are interested in; what you need.

Sasha Demyan, Executive Director <u>Robert Tiffin</u>, President Jackie Meiluta, Program Manager <u>Britain Graver</u>, Administrative Assistant

Plan your Visit with Exhibitors

Hello Robert,



Uncertainty.

In the METALCON Online presents *Steel and Metal Tariffs Uncovered* of March 19th the word spoken in consensus in describing our present economic conditions, was "uncertainty."

There are schools of thought, and idioms that describe an action in times such as these; "control that which you change." This concept encourages us to focus on aspects of our life that you can directly influence while accepting those beyond our control. This can lead to a sense of empowerment and reduced anxiety by directing energy and efforts to decisions and actions that can yield positive outcomes.

Projections for the second quarter of 2025 show another period of mixed performance. As members of the MBCEA, to navigate effectively we can and should focus on (respective to your interest) a few strategies, with the most valuable being "stay informed." Keep a close watch on economic indicators such as interest rates, inflation and construction trends. Other strategies to consider:

- Adopting new technology (i.e. BIM or AI to improve project planning, even execution)
- Accreditation (AC478 will set you apart from others for key customers)

Construction Law Corner - The Odd Case of the Statute of Repose

Joshua C. Quinter, MBCEA Counsel Quinter Corbett, PC jquinter@quintercorbett.com

Most people who have been involved in the legal process are aware of the statute of limitations. Almost as many are unfamiliar with its distant cousin the statute of repose. They serve similar purposes – which is to make legal claims untimely – by way of different mechanisms. While understanding the reasons as to why they both exist is an interesting intellectual exercise, understanding how they apply is more important.

Traditional Vs. Roth IRA By Shannon Fowler, Ironbridge Wealth Counsel

Traditional Individual Retirement Accounts (IRAs), which were created in 1974, are owned by roughly 41 million U.S. households. And Roth IRAs, created as part of the Taxpayer Relief Act in 1997, are owned by nearly 32 million households.

Both are IRAs. And yet, each is quite different.

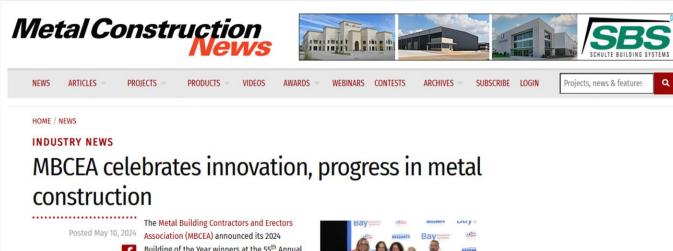
Up to certain limits, traditional IRAs allow individuals to make tax-deductible contributions to their account(s). Distributions from traditional IRAs are taxed as ordinary income, and if taken before age 59½, may be subject to a 10% federal income tax penalty. Generally, once you reach age 73, you must begin taking required minimum distributions.

Learn More [kpxhl4lab.cc.rs6.net]

Chapter News, New Member Welcome, and More!

MBCEA Publishing Partners: Kenilworth Media





Building of the Year winners at the 55th Annual • MBCEA Conference in San Diego. The overall winner is the Truck Center Cos. sales and

service center in Mankato, Minn., completed by APX Construction Group, based in Mankato.

- 8 Additionally, Awards of Merit and Excellence were announced for buildings in three
- categories: Commercial, Community, and Manufacturing and Warehousing, while an Award of Excellence was presented in the Agricultural category.

"Congratulations to APX Construction as this

Kenilworth

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year's overall winner," says Robert Tiffin, MBCEA president. "Their work on the Truck Center Cos. complex was outstanding, and they had some great competition as well. It's amazing to see how this contest has grown, and this year we saw 31 companies enter a total of 40 projects for consideration."

(MBCEA)



Jamie Jacobs, Jess Blais, Sasha Demyan, Dawn Quam, Mitch Rohlfing Photo courtesy Metal Building Contractors and Erectors Association

Melanie Kowal

Dave Flaherty, Bob Higgins

This Month's Features

Metal panels deliver efficiencies without compromising quality Metal panels are the best option for contractors looking for both job and cost efficiencies.



The future of facades:

Integrating metal into modern building designs

In today's fast-evolving architectural landscape, facades are more than just exterior finishes-they are an essential part of a building's identity, performance, and sustainability.



State of the Industry Report: Online Exclusive Edition







Several transformative trends are shaping the future of metal architecture, with sustainability taking center stage as a key environmental concerns by rethinking material methods, and considering the long-term environmental impacts of metal. Digital tools are revolutionizing design, fabrication, and

evolving skill requirements, are prompting innovative training programs and recruitment strategies. Regulatory and policy changes are reshaping industry practices. Learn how these factors propel metal. architecture into an exciting and rapidly evolving future.

Meet the experts:

Rence Ramey: Rence Ramey is the Executive Director of the Metal Roofing Alliance (MRA), a non-profit focused on educating homeowners and driving consumer awareness about the benefits of quality metal roofing. Renee has more than twenty-five years of experience in the metals industry.



LEED Fellow, LEED AP BD+C, O+M, WELL AR CEM Alan Scott is an architect and consultant with more than 35 years of experience in sustainable building design. He is director of sustainability with Intertek Building Science Solutions

Robert Tiffin: President of the Metal Building Contractors and Erectors Association (MBCEA), and the Chair of the Metal Building Manufacturers Association (MBMA) - Architects Committee. Robert is also the National Accounts Manager of Silvercote, leading foundation customer relationships in the USA and Canada.





Metal Meets Nature: Wood Reinvented at the

Austin's trapezoid-shaped skyscraper gleams

Athletics' ballpark shimmers beneath Las

influence. The industry is responding to choices, adopting greener production workflows. At the same time, workforce challenges, such as talent shortages and

Mountain Marvel: Utah Metal Roof Wins National Prize

with aluminum and glass

News

Vegas sur

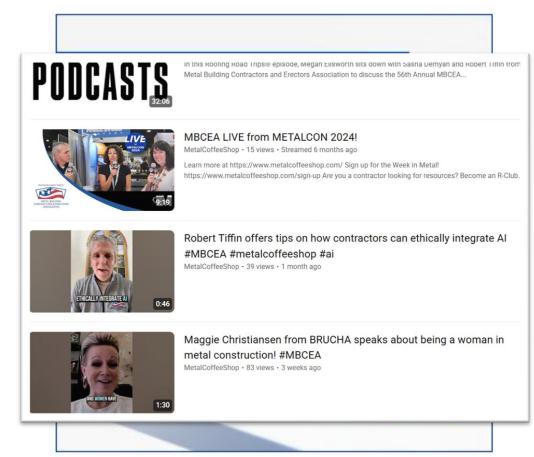
Microscopic Level

Stantec to Acquire Page, a US-Based Pull-Service Design, Architecture, and Engineering



MBCEA Social Media Partners: Metal Coffee Shop





Thoughts on jobsite safety from **MBCEA** leadership, past and present



Monthly Influencer Topics

Podcasts







Metal Building Assembly Training Program Pledge Levels

 Benefactors
 \$150,000

 Innovators
 \$75,000

 Leaders
 \$50,000

 Believers
 \$25,000

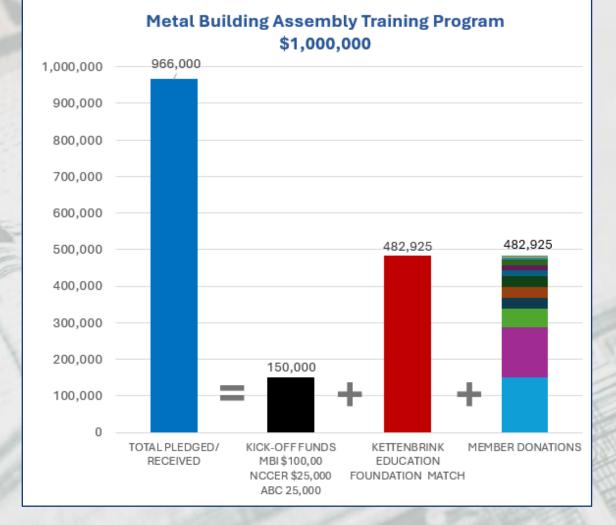
 Friends
 \$15,000

Pledges may be spread over three years. For additional information or to pledge your support, see a member of leadership. The Metal Buildings Institute (MBI) is a 501C(3) tax exempt organization IRS section 170(b)(2)(iii) for both federal and state tax purposes

Sponsorship Update



\$34,000 \$31,500 Thank You! Art ANC CF * construction, inc



Member Postcard – Sponsorship Drive



Investing in Tomorrow: Building Skills, Securing Integrity



Our industry urgently needs accessible, comprehensive metal building assembly training, presented in a modern way, to effectively compete for skilled resources.

We have committed to a \$1 million multi-year investment in developing a curriculum to train the next generation of assemblers, ensuring the integrity of our projects.

Your donation is charitable. Help us with \$2,500, \$5,000 or even \$10,000?

Scan the code today and help us complete the build of this training.





Donor Letter Update





Curriculum Update



Stage	Description	Curriculum Topics
1	Curriculum content development with Subject Matter Experts (SME)	 Framing Windows & Doors & Framed Openings for Exposed Fastener Wall Systems Insulation Exposed Fastener (Screw down) Roofs
2	Review of content for completeness and flow	Intro to Metal Building AssemblyExposed Fastener Wall Sheeting
3	NCCER converts our script to the LMS	 Crane and Forklift Rigging and Signaling Unloading, Material Handling & Staging
4	LMS review by SME's (this stage may have several iterations	Temporary Bracing
5	Ready to go live in LMS	

Awaiting Staging	 Standing Seam Roof Trapezoidal Roof Penetrations and Curbs Internal Gutter & Transitions Advanced Metal Building Assembler Training
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WEEK + HEARINGS

2025 ICC Leadersh Committee Action F

April 26 – May 6





Comparison of Air Leakage Testing Requirements Compiled by the Metal Building Manufacturers Association

CTURERS ASSOCIATION® hip | Education

To increase energy conservation, energy codes and standards have been stepping up the effort to reduce air leakage, moving toward a requirement for whole-building tests to ensure an adequate air barrier in addition to, or in place of, the prescriptive requirements for materials and assemblies. This recognizes that prescriptive requirements alone are only effective if good installation is practiced. The table below summarizes the key air leakage test requirements for multiple editions of various codes and standards of interest, including the International Energy Conservation Code (IECC), ASHRAE 90.1, state of Washington (WSEC), state of California (Title 24), and U.S. Army Corps of Engineers (COE). Several editions are included because the adoption of a particular edition varies with jurisdiction. Until mandated, whole-building air leakage testing is optional that can eliminate the need to document and install materials and assemblies that meet the prescriptive air leakage requirements and avoid inspections that evaluate

1		IECC			ASHRAE 9	0.4					
Whole-Buildin	2015	2018	2021	2013			WA (WSEC)		CA Title 24		
Test Required	2 Optional	Option	el Yes ³	104	2016	2019	2015	2018		itle 24	CO
	-	Option			Optional	Yes3			2016	20192 20	2 201
ASTM Test(s)	E779	E779	E779	NA	E779	105	Yes	Yes	Optional	Optiona	al Yes
Pass Limit (cfm/ft ²) ⁸	0.40	0.40	E1827*		E1827	E7794	E779*	E7794	E779*	E7794	COE
Grace Range cfm/ft²)®		0.10	0.40	0.404	0.40	0.40	0.40	0.25			COE
	None	None	0.60	NA	0.60		Seal/no	0.20	0.40	0.40	0.25
enestration	Yes ¹²	Yes ¹²	Yes13	Yes4		0.60	test ¹⁰	0.40"	None	None	None
oading Dock ehicle Seals	Yes	Yes		res	Yes ¹²	Yes ¹²	No	No	Yes14	Yes ¹⁴	
stibules			Yes	Yes ¹⁵	Yes ¹⁵	Yes	Yes		-+		No
	Yes	Yes	Yes	Yes	Yes	-		Yes	No	No	No
1. Effec	ctive Feb.1, /ID-19). tive Jan. 1, .	2024				Yes	Yes	Yes	No	No	Yeste

Best Practices to Comply With Whole-Building Air Leakage Testing Requirements For Metal Building Systems



MANUFACTURERS ASSOCIATION



ENERGY CODE COMPLIANCE

A Guide for Contractors Based on: IECC 2018/2021/20241 ASHRAE Standard 90.1 – 2016/2019/2022

Second Edition





COMcheck[™] Frequently Asked Questions for Metal Building Systems



U-Factors

Q: Why didn't anything change for the U-factor when I increased the R-value?

A: For pre-approved assemblies, COM*check*[™] doesn't give additional credit for R-values above certain limits. You should have seen a "popup" alert that notified you of this situation. The message might have been something like, "For Metal Building, Standing Seam: Liner System with Thermal Blocks assemblies, ASHRAE Standard 90.1-2019 does not give additional credit for cavity R-values above R-47." U-factors for metal building roof and wall assemblies can be found in ASHRAE Standard 90.1-2019 Tables A2.3.3 (roofs) and A3.2.3 (walls).

Q: Where can I get U-factors for pre-approved assemblies?

A: Normative Appendix A in ASHRAE Standard 90,1-2019 has tables and other information regarding R-values and equivalent assembly U-factors for a wide variety of metal building roof and wall assemblies. Metal building assemblies are found in Tables A2.3.3 and A3.2.3. Other construction types' roof and wall assemblies, found in other Normative Appendix A tables, can also be used. A proprietary system that is tested in accordance with ASTM C1363 (Hot Box Test) or thermally modeled can be used. Refer to ASHRAE Standard 90.1-2019 Normative Appendix A9 for requirements for all "alternative U-factors." When using such a system, use the "Other U-Factor Option" tab in COM*check*™ and insert the U-factor. A pop-up will advise you to supply the data of the U-factor used.

Q: If I enter the U-factors from Normative Appendix A from ASHRAE Standard 90.1, do I need anything more for the building official?

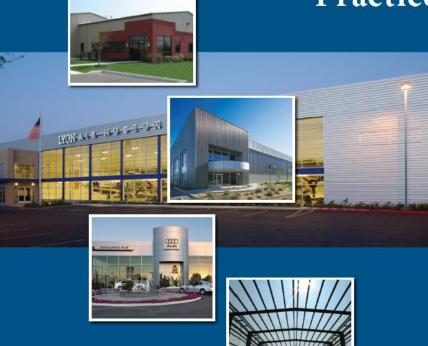
A: Normative Appendix A is part of the standard and therefore does not require a request for alternative means and methods to use the contents to demonstrate compliance. It will be helpful for the code official to reference the particular table or section and the specific year edition of ASHRAE Standard 90.1 as the source of the U-factors. Another option is to select an applicable system type from the drop-down menu and enter the nominal R-value for the assembly, then the building official knows that it came from

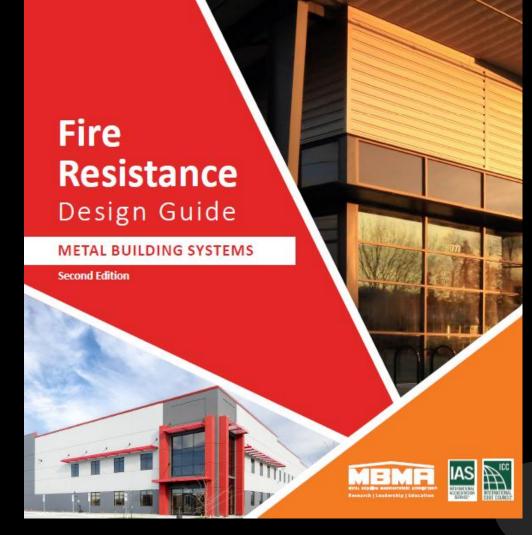
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METAL BUILDING CONTRACTORS & ERECTORS ASSOCIATION





Vincent Sagan • 1st Director of Codes & Standards, Metal Building Manufacturers Associ... 7mo • 🔇 ...

2024 MBCEA North Carolina General Contractors Continuing Education Event

I had the honor to present "Fire Protection in Metal Building Systems" at the 2024 MBCEA North Carolina General Contractors Continuing Education Event at the Chetola Resort in Blowing Rock, North Carolina on September 19, 2024. Other presenters included Bill Beals of Therm-All and Kevin Franz of the Nucor Insulated Panel Group, both Metal Building Manufacturers Association (MBMA) members. MBMA is happy to support the Carolinas MBCEA and the Metal Building Contractors and Erectors Association (MBCEA). Thanks to Wade Wilson, jwWilson Co. Inc. for the invitation to speak and his patience on my below average golfing!



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IBC Chapter 14 Wall System Compliance Testing



Toby Kimmett



CAN YOU SPOT THE METAL BUILDING?



ATA24 Conference on Architecture & Design

1797

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MBMA Building Systems Members Meetings Thank You





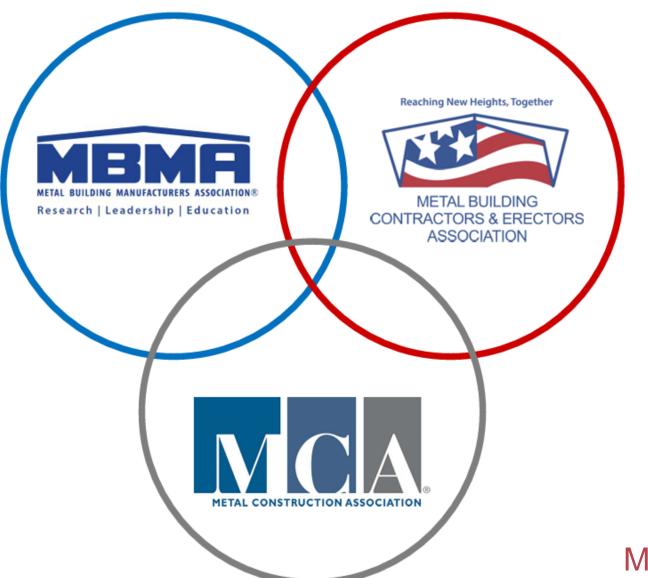






Industry Collaboration

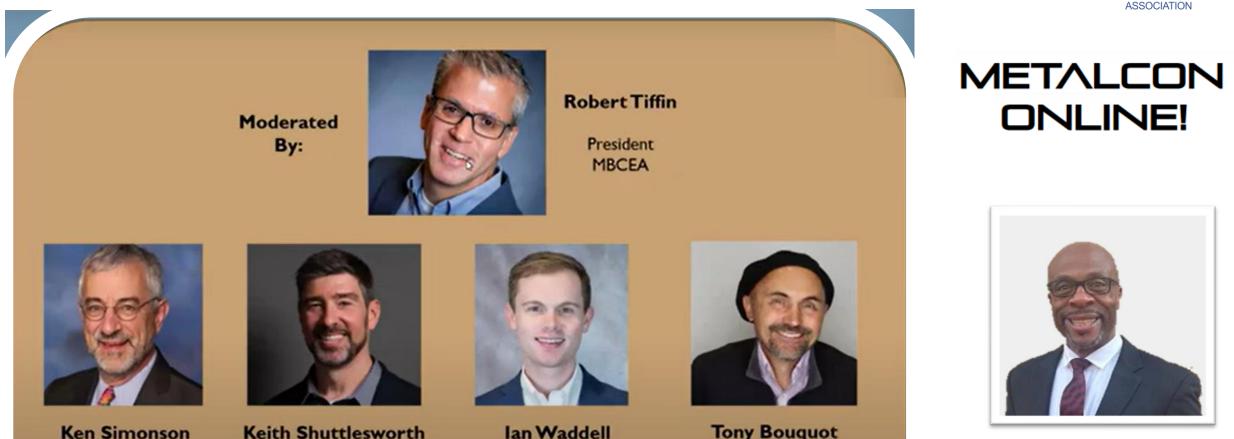






Jeff Henry, MBA, CAE Executive Director Metal Construction Association

Industry Collaboration



Mark Swagerty **Exhibit Sales Manager** Metalcon

Reaching New Heights, Togethe

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Chief Economist AGC of America

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Keith Shuttlesworth

Chief Commercial Officer Flack Global Metals

Regional Manager JFE Shoji America **Tony Bouquot**

General Manager MBMA

