

NOV. MEETING AGENDA

DATE:

TUESDAY, NOV. 10, 2020

WHERE:

This will be a Hybrid Meeting

5:00 PM - 6:00 PM

*Cross Connection Inspection
in the Field*

6:00 PM - 6:15 PM

Dinner Break

6:15 PM - 7:15 PM

*Cross Connection Control
as it Pertains to the
Mechanical Engineer*

REGISTRATION REQUIRED

To register for the meeting **FOR VIRTUAL ATTENDANCE ONLY** visit the following link: <https://education.aspe.org/products/eastern-michigan-chapter-meeting-cross-connection-control-and-inspections-in-the-field-nov-2020>

To register for the meeting **FOR IN PERSON ATTENDANCE ONLY** visit the following link: <https://www.eventbrite.com/e/aspe-emc-november-2020-technical-program-tickets-126054597695>

Please note: Effective November 1, 2020: the price is free for members and will be \$25 for nonmembers.

SEE INSIDE COVER FOR TABLE OF CONTENTS

From Pam Hartsell, CPD, PMP President of ASPE EMC



Hello Eastern Michigan Chapter,

Welcome to a tumultuous November 2020. On top of everything we were already facing due to the pandemic, we are also dealing with a divisive political climate. I know it's been a roller coaster of emotions for many of us. Whatever the results of the recent election may bear, I hope you are happy, healthy, safe and proud to be an American and an American Society of Plumbing Engineers Member!

Registration for the 2020 ASPE Digital Experience is open! This event is being held virtually from December 1-3 and is FREE for ASPE members! This a great opportunity to advance your plumbing knowledge, learn about new plumbing products and network with your fellow plumbing professionals.

Read more about it on the ASPE National website here: <https://expo.aspe.org/>

Our membership is growing thanks to our new student membership drive! Check out the VP Membership Report for info on how to take advantage of a free student membership this year.

Our 45th Anniversary History Book has been sent to the publisher! Look for a notice in the newsletter about how you can order a copy! Once again, a big thanks to Past President and VP Technical Theresa Card for her tremendous effort in getting the book compiled.

Don't forget to look for us on Social Media! Connect with us and follow our chapter's LinkedIn Page here: <https://www.linkedin.com/in/aspe-eastern-michigan-chapter-6333251b7/>

To those of you who are coming out to the training center for our November meeting on the 10th, I can't wait to see you in person this month! We have another fantastic set of technical programs in store for you, being presented by our own Master Plumbing Instructors Mike Melaragni and Paul Baker. You don't want to miss it!

If I can help you in any way, please feel free to message me at the email address below.

Your Chapter President,

Pam Hartsell

president.aspe.emc@gmail.com

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NOVEMBER BOARD MEETING

Virtual Online Meeting 11/3/2020, 4:30 - 5:30 PM

NOVEMBER PROGRAM

Hybrid Meeting 11/10/2020, 5:00 - 7:15 PM

ASPE CONVENTION & EXPO (ALL DIGITAL)

Save the dates for this Digital Experience!
 12/1/2020 - 12/3/2020 (more info on page 12)

CPD AND CPDT EXAM AND REGISTRATION

See pg. 12 for scheduling dates.

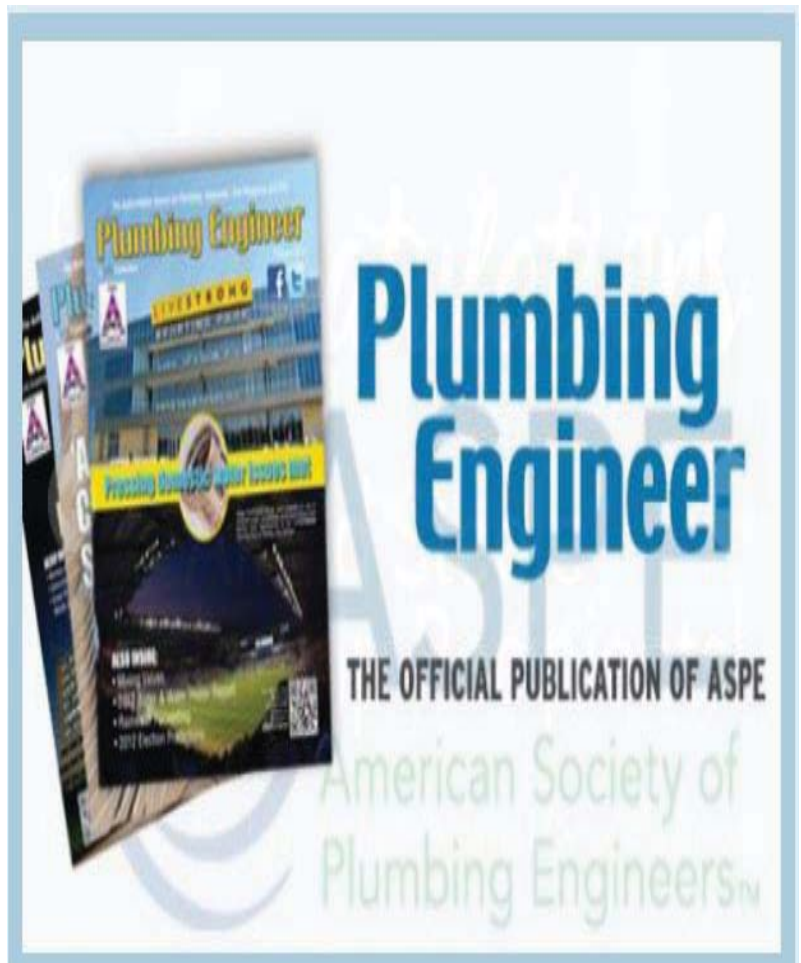
ASPE IS ACCEPTING APPLICATIONS FOR THE ALFRED STEELE SCHOLARSHIP

Contact ASPE National for more information at
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<http://aspe.org/Pipeline>



NOVEMBER DESIGN SESSION

5:00-6:00 PM

TOPIC: Cross Connection Inspection in the Field

This session will introduce the audience to the cross connection inspection process, from where the inspector gets the authority for inspections, what product approvals are required, to what the inspector finds in the field. The inspection examples will cover what to look for on new installations, existing installations, and when retro-fitting. We will also take a look at the testing and maintenance of backflow preventers and how that can impact the systems being supplied.



Matt Kapcia

Presenter: **Matt Kapcia**, CPD, GPD - Mr. Grayzar is a past president of the Eastern Michigan Chapter of ASPE and currently serves as the chapters V.P. Legislative. He has over 35 years of experience in architecture and engineering. Employed with DiClemente Siegel Design Inc. for over 20 years, Bill continues to enhance his system engineering skills through additional vocational field training. Bill has an excellent working knowledge of Michigan's current building codes and regulations. Bill holds an Associate's Degree of Architectural Technology from Delta College and certifications in Plumbing Design and Green Plumbing Design from ASPE. Bill is active with the National Society of ASPE serving on numerous committees. Bill also serves as the current President of the Code Study and Development Group of Southeast Michigan and is a member of National Fire Protection Association. Bill received the Michigan Chapter of ASSE award as Engineer of the Year in 2013.

NOVEMBER TECHNICAL PROGRAM

6:15-7:15 PM

TOPIC: Cross Connection Control as it Pertains to the Mechanical Engineer

This presentation will address cross connection control basics including methods, devices, assemblies and typical cross connection problems and issues found in field applications. The program will include a review of cross connection control in the Michigan Plumbing Code and the Michigan Department of Environmental Quality Cross Connection Rules Manual.



Michael Melragni

Presenter: **Michael Melragni**, CPD, has numerous years of experience in the industry. He is a certified instructor of journey workers and apprentices and a certified training coordinator with the United Association of Plumbers and Pipefitters, a licensed Master Plumber with the State of Michigan and is the former Director of Training for Plumbers Local 98 Apprenticeship program.



Paul Baker

Presenter: **Paul Baker** has been an instructor of apprentice and journey plumbers with Plumbers Local 98 for almost 20 years. He is a certified instructor of journey workers and apprentices and a certified training coordinator with the United Association of Plumbers and Pipefitters, a licensed Master Plumber with the State of Michigan and is the current Director of Training for Plumbers Local 98 Apprenticeship program.

About Registration and CEUs:

If you are attending virtually: there is a link to register via the ASPE Education page. Please follow all directions. Using this platform for virtual meetings allows us to streamline the CEU process. So all attendees that plan to join virtually, need to register via the corresponding ASPE Education link. Our meetings will also be listed on the ASPE Education calendar, so you can find registration info there as well. <https://education.aspe.org/>

If you will attend in person (when we can offer this option): You will need to register using an Eventbrite link that will be in the email. This allows us to know how many people we can expect in person. Thus, allowing us to make sure we maintain the indoor gathering limits imposed by the Governor, and also order enough food for all. For those that attend in person, we will still require sign in/sign out sheets and your CEUs will be submitted to national within 1 week of our event. It may take up to another 2 weeks for the CEUs to show in your ASPE Education log. The PITC does have guest protocols we will have to obey in order to meet there, so please follow all posted signage and procedures.

IN THE KNOW

EMC 45TH ANNIVERSARY HISTORY BOOK NOW AVAILABLE FOR ORDER!

Available in time for the holidays. \$50 Each

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- \$200.00 for the 1st table per meeting/per vendor
- \$150.00 for each additional table per meeting/per vendor

Non-Members

- \$250.00 for the 1st table per meeting/per vendor
- \$200.00 for each additional table meeting/per vendor

If a vendor purchases table tops for 3 meetings during the year, a 4th meeting table top will be provided for free.



An advertisement for the magazine 'Plumbing Engineer'. On the left, there is a stack of three magazine covers. The top cover features a photograph of a modern building with a sign that says 'STRONG'. Below the photo, there is a yellow banner with the text 'Facing Economic Reality Issues Now!'. The magazine title 'Plumbing Engineer' is at the top in a bold, blue font. On the right side of the advertisement, the title 'Plumbing Engineer' is written in a large, blue, sans-serif font. Below the title, it says 'THE OFFICIAL PUBLICATION OF ASPE' in a smaller, black, sans-serif font. At the bottom, it says 'American Society of Plumbing Engineers™' in a light blue, sans-serif font. The background is a light blue gradient with a faint, large watermark of the ASPE logo.

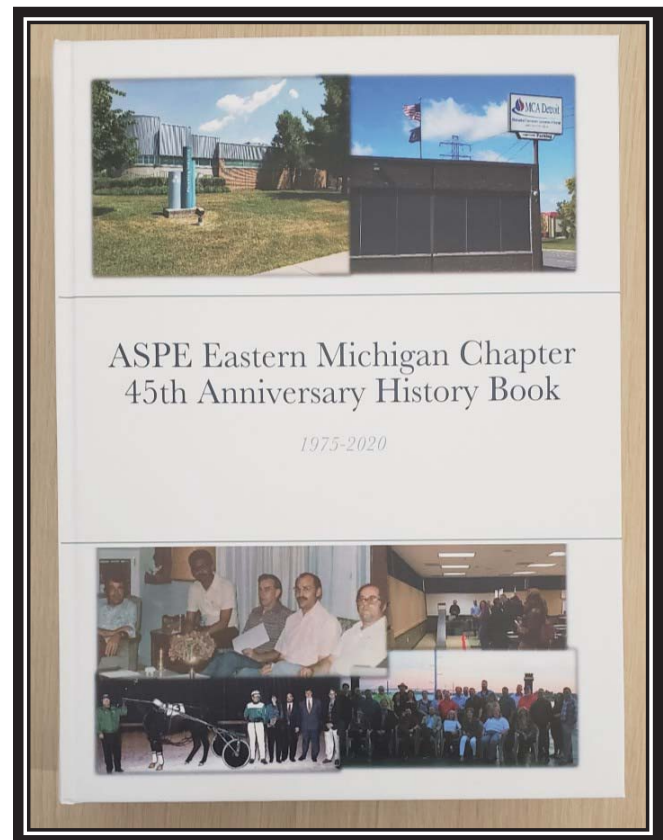
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ASPE EASTERN MICHIGAN CHAPTER
WWW.ASPE.ORG/EASTERN-MICHIGAN

VP Technical Report

Theresa Card, P.E., CPD, LEED AP BD+C



Hello from your VP Tech!

Brrrr. I am pretty unhappy that the weather has turned for good and we are looking at the winter season yet again. BUT, I am happy about our October presentations! Aaron and Bill both had very informative, very easy to follow along presentations. I hope those that attended the live sessions feel the same

way. If you did miss the presentations, we have uploaded both September and October to our new Youtube channel (which is not public, sorry – you need the links below to gain access).

September Presentations Recordings:

- Part 1 (because my cpu died in the middle of Dan Cole’s Hunter’s Curve presentation): <https://youtu.be/lthRojcGR9Y>
- Part 2 (Pam was able to start recording soon after my cpu died): <https://youtu.be/YXkz69z2kU>

October Presentations Recordings:

- Full session: https://youtu.be/mX3Q_puSoMc

If you would like PDF copies of the slide decks, please let me know.

November’s Meeting

November’s Meeting will be a hybrid meeting: both in person (for 15 ppl) and virtual. An email was sent out on October 20th with links on how to register. There are separate links for those wishing to attend in person vs virtual. Please only RSVP for “in person” if you will actually attend. Since we are limited on space, we want to make sure we use it to the fullest. If you would rather attend virtually, that is totally fine – the registration and such will work the same as September and October. Assuming State Health Department and CDC guidelines don’t change, the rest of the meetings for the year will be Hybrid. Our January ASHRAE/ASPE meeting, though, is still TBD when it comes to format. I will keep you posted.

Link for in person registration for November (limited to 15 people): <https://www.eventbrite.com/e/aspe-emc-november-2020-technical-program-tickets-126054597695>

Link for virtual registration for November:

<https://education.aspe.org/products/eastern-michigan-chapter-meeting-cross-connection-control-and-inspections-in-the-field-nov-2020>

Also please note that for those attending virtually, if you are NOT a member – **ASPE is charging \$25**. If this price is such that you will not register, let me know and we can get it waived.

November’s Meeting Timeline has changed! In order to give those attending in person some time to eat dinner we will have a 15 minute break between speakers.

If you are attending virtually – please be patient as we take this break.

If you are attending virtually: there is a link to register via the ASPE Education page. Please follow all directions. All attendees that plan to join virtually, need to register via the corresponding ASPE Education link. Our meetings will also be listed on the ASPE Education calendar, so you can find registration info there as well. <https://education.aspe.org/>; **There is also a passcode that needs to be entered for the virtual meetings now. This passcode is in the email invite as well as listed in the webinar instructions.**

If you will attend in person: You will need to register using the Eventbrite link that will be in the invite email. For those that attend in person, we will still require sign in/sign out sheets and your CEUs will be submitted to national within 1 week of our event. It may take up to another 2 weeks for the CEUs to show in your ASPE Education log. The PITC does have guest protocols we will have to obey in order to meet there, so please follow all posted signage and procedures.

Please always check your email and our website for the most up to date information on our Programs: <https://www.aspe.org/eastern-michigan/program.html>

Sincerely,

Theresa Card

Vpt.aspe.emc@gmail.com

VP Membership Report

Kristin Simoneaux, P.E., CPD, LEED



Hi everyone! We have had continued interest in our new student member sponsorships. LTU students are still in the lead of taking advantage of our new offer. Just a reminder, our chapter is offering a free 1-year student membership to eligible students. In exchange for the free membership, we request the student give feedback on their experience (through either a short interview or writing their own newsletter article) within the first few months of their new membership. If you know of a student that has been contemplating membership, please send them my way!

Are you making the most of your membership? Not only are the amazingly awesome chapter meetings cover by your membership but you also have access to CEUs through the ASPE education website using the Read, Learn, and Earn articles. Check them out at: <https://education.aspe.org/RLE>.

ASPE also has two special interest groups: ASPE Young Professionals and Women of ASPE. If you would like to know more about either program please contact me.

ASPE also offers scholarships to qualifying students up to \$3000! Please check out the Alfred Steele scholarship at <https://www.aspe.org/membership-global-community/membership/alfred-steele-scholarship/> for more information and application.

If you or someone you know is interested in becoming a member and taking advantage of the great things ASPE has to offer, please feel free to contact me. Until we meet again, stay healthy!

Kristin Simoneaux, P.E., CPD, LEED AP
Associate / Senior Mechanical Engineer
Direct: (248)336-4760
ksimoneaux@stantec.com

Become a mentee or mentor through ASPE. Follow below link for more information or contact an ASPE EMC Board Member.

<https://connect.aspe.org/aspe-mentor-match/mentoring>



ASPE Announces *The Women of ASPE*

The mission of the new Women of ASPE (WOA) special-interest group is to **engage, retain, and advance** women in the plumbing design industry through education, leadership development, and networking opportunities. It is open to women who have an active membership with the American Society of Plumbing Engineers. Some of the activities include:

- Mentoring programs
- Membership growth outreach efforts
- Fostering partnerships with industry-related associations
- Various educational offerings



ASPE Congratulates the 2020 Society-Level Award Recipients

We are pleased to announce the following recipients of ASPE's 2020 Society Awards.

George W. Runkle Award of Merit: David Dexter, FNSPE, FASPE, CPD, LEED AP BD+C, PE

For dedication and inspired service to the advancement of the ideals and goals of the Society

Edward W. Saltzberg Distinguished Service Award: David E. DeBord, FASPE, CPD, GPD, LEED AP BD+C, ARCSA-AP

For dedication and outstanding contributions to the Society and the profession

Donald F. Dickerson Founder's Award: Joseph V. Messina, CPD, FASPE

For his lifetime achievements, dedication, and the promotion of the Society, its mission, and the profession

Peter E. Warshaw Service Award: Kurt J. Bramstedt

For dedication, unflinching spirit, and outstanding support and service contributions on behalf of the Society and the profession

Kenneth G. Wentink Award of Excellence: David G. Clark, PE

For his commitment, dedication, and inspired service toward the advancement of ideals and goals of the Society

ASPE Industry Award: McWane, Inc., and QuantumFlo

For outstanding service to the advancement of plumbing engineering technology

Chapter Humanitarian Award: Johnstown Chapter and West Coast Florida Chapter

For Commitment, Service, and Outstanding Contributions in Their Humanitarian Efforts and Public Service



Announcing the 2020 ASPE Membership and Chapter Award Recipients

ASPE congratulates the following recipients of the 2020 ASPE Membership Awards:

- **Award of Merit:** Gregory Farmer, PE, and John C. Neal, CPD
- **Special Award of Achievement:** Douglas Nelson, PE, GPD, and Stephanie I. Radel, CPD, GPD
- **Special Award of Appreciation:** Linda M. Deunay, Robert J. Shorey, Jr., CPD, GPD, FASPE, and Lisa Sprague, CM-BIM

We also congratulate the following Chapters for their achievement in obtaining the Chapter Award of Merit, Membership Growth Award, Membership Retention Award, and Board of Directors Chapter Award.

Chapter Award of Merit

- **Region 1:** Baltimore Chapter, Boston Chapter, Hampton Roads Chapter, Montreal Chapter, New York City Chapter, Philadelphia Chapter, Richmond Chapter, Washington, D.C. Chapter
- **Region 2:** Central Ohio Chapter, Cleveland Chapter, Eastern Michigan Chapter, Southwestern Ohio Chapter
- **Region 3:** Alabama Chapter, Central Florida Chapter, Miami Chapter
- **Region 4:** British Columbia Chapter, Phoenix Chapter
- **Region 5:** Dallas/Ft. Worth Chapter, Houston Chapter, Minnesota Chapter, Oklahoma Chapter, Wisconsin Chapter

Chapter Membership Growth Award

- **Chapters with 99 members or less:** East Tennessee Chapter, Oklahoma Chapter, Omaha Chapter
- **Chapters with 100 members or more:** Dallas/Ft. Worth Chapter, San Francisco Chapter, Seattle Chapter

Chapter Membership Retention Award

- Johnstown Chapter, Oklahoma Chapter, Omaha Chapter

Board of Directors Chapter Award

- Central Florida Chapter



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CPDT - 2020 EXAM DATES:

The exam is held annually in the Fall.

2020 CPDT Exam dates: October 5 - 18, 2020 held via remote proctor. For more info go to:

<https://www.aspe.org/education-credentialing/cpdt/>

CPD - 2020 EXAM DATES: The 2021 CPD Exam will be held via remote proctor from April 5 - 18, 2021. Read more about the postponed 2020 CPD Exam due to COVID-19 at:

<https://www.aspe.org/cpdexamcovid19/>



December 1-3, 2020 | A **DIGITAL** Experience

ASPE IS GOING ALL DIGITAL FOR THE UPCOMING 2020 CONVENTION & EXPO!

Follow the below link for more information:

<https://expo.aspe.org/about-aspe-convention-expo/>



Plumbing Designer

GMB is currently seeking a full time, direct hire Plumbing Designer for our Royal Oak Office. The Plumbing Designer is responsible for leading GMB's design teams in the design of domestic plumbing systems.

What it is like to work here:

We're unique. Sure, every firm says that, but we *know* what makes us unique. We constantly develop well-rounded professionals who become the best at what they do. Our Team of Teams approach provides a linkage between all employees that gives us the ability to think and act as a unit and as we grow allow new employees to be successful at a rapid pace.

At our core we deeply value talent development and opportunities for growth. We continue to build a culture of empowering our employees, giving them opportunities to be the best they can be within a variety of communities, both internal and external, so that we all learn, grow, and give. Whether you come join us in our Michigan offices of Holland, Grand Rapids and Royal Oak or Indianapolis, Indiana, your opportunities are as limitless as your imagination. Come be a part of designing the future.

What you will get to do:

- Utilize your expertise to support GMB with the design of complex plumbing systems.
- Prepare construction documents using Revit.
- Design domestic water, storm water, sanitary drain, waste and vent systems, fuel systems, medical gas systems, and laboratory gas systems.
- Prepare documents and calculations for the LEED certification process.
- Coordinate design efforts working closely with our project teams, clients, and building owners.
- Produce one-line diagrams/schematics, hydraulic calculations of plumbing systems, and calculations in the sizing of plumbing systems and equipment selection.
- Ensure that all drawings are prepared with accuracy, neatness and speed.
- Communicate with team members, other disciplines and outside vendors to obtain necessary information for designs and drawings.
- Assist the design team in the process of assembling organized sets of drawings.
- May assist in data collection and/or field verification, and work in conjunction with our teams of engineers to help develop all aspects of a project.

What are some of the requirements to work for us?

- 5+ years of plumbing design experience.
- Prior experience implementing designs through construction.
- Demonstrated ability to create 3D models, focusing on Plumbing but with the ability to coordinate with all disciplines.
- Ability to manage design of multiple projects/deadlines simultaneously.
- Must possess a technical knowledge base with desire to learn, lead, and grow.
- Must be able and willing to travel locally for field work at client sites.



What might set you apart from other candidates?

- Associates or Bachelor's degree in Plumbing Design / Engineering (or degree related to HVAC Design or Mechanical Engineering) is preferred.
- Proven ability to prioritize effectively, have good follow-through, and practice self-implemented quality control measures.
- CPD certification is a plus.
- Ability to design automatic fire suppression systems.
- Plumbing design experience in A/E firm preferred.
- Proficiency with Autodesk Revit.
- A passion for plumbing design.

This is a direct, full time, permanent position. Salary will be commensurate with experience, including an excellent benefit package. Must have current and continuing right to work in the United States without sponsorship. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, sexual orientation, gender identity or national origin.

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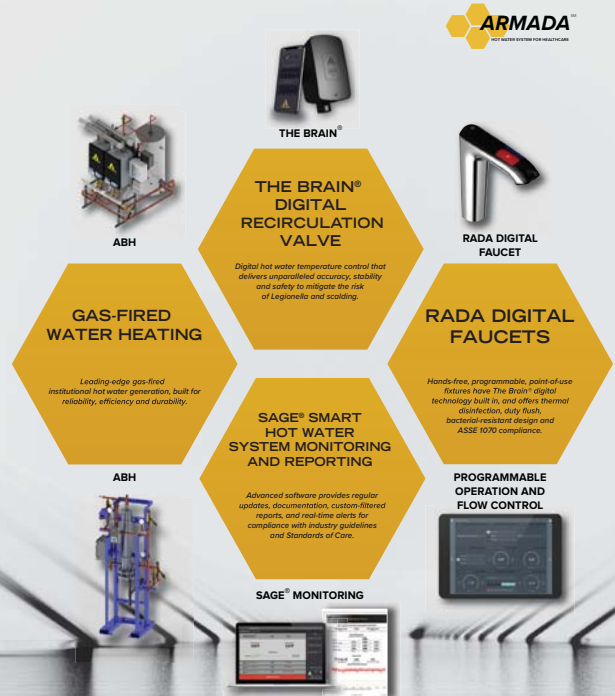


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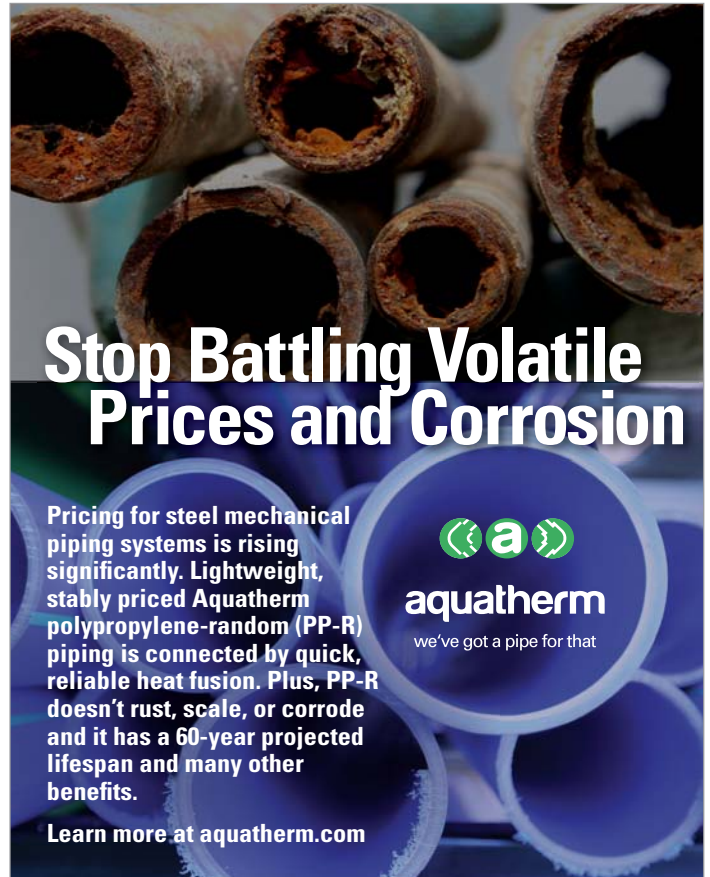
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ASPE Mentoring Program

The Women of ASPE are excited to introduce ASPE's new Mentoring Program!

This program, which is available to all members of the Society, has been designed to connect ASPE members who have a particular skill set (mentor) with individuals (mentee) who are searching to acquire the same skills to develop and make progress toward their personal and professional goals.

Who Is a Mentor?

A mentor is someone who can help the mentee develop skills for success and long-range career planning, is able to be a good listener, is willing to share experiences and views, is willing to commit time and effort, provides an "open door" to questions and problems, points out both strengths and opportunities for improvement, and has a vested interest in the growth and development of their mentee.

Benefits to the mentor:

- Satisfaction in helping someone mature, progress, and achieve goals
- Meeting and sharing experiences with other mentors
- Personal ongoing support to help the mentee succeed
- Personal fulfillment through contribution to the Society and the individual

Who Is a Mentee?

Having a mentor can contribute to a successful and satisfying career. Without a mentor, that learning occurs mostly through trial and error. With a mentor, even experienced professionals can benefit from the experiences and expertise of someone who has withstood the trial and can help the mentee avoid the mistakes. Similarly, those new to the industry will discover that being a mentee shortens the learning curve for acquiring the skills and knowledge most critical to a fruitful career.

Benefits to the mentee:

- Discover new talents about yourself
- Career satisfaction
- Expand your personal network
- Maximize your strengths

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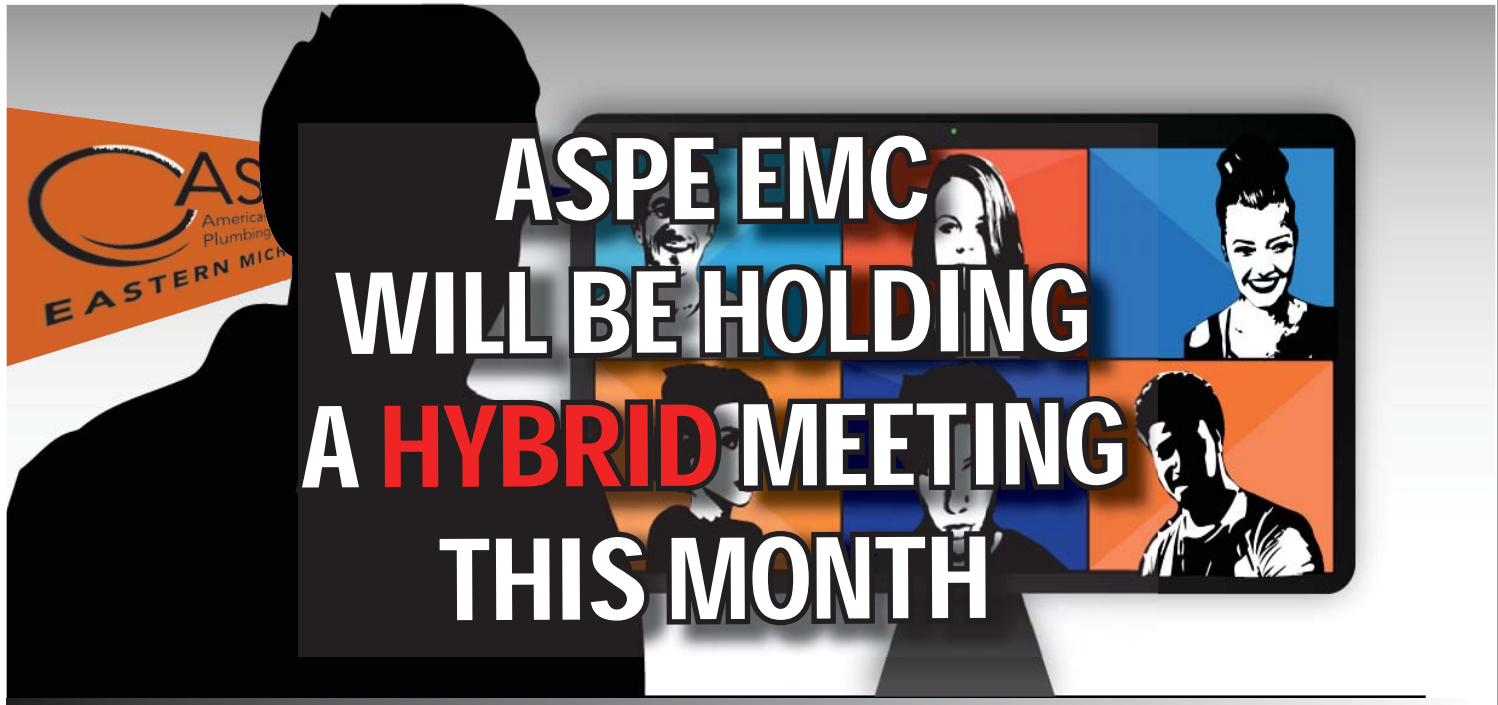
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