

DEC. MEETING AGENDA

DATE:

TUESDAY, DEC. 8, 2020

WHERE:

This will be a Virtual Meeting

5:00 PM - 6:00 PM

Fire Protection 101

6:00 PM - 7:00 PM

Fire Protection 201

REGISTRATION REQUIRED

To register for the meeting **FOR VIRTUAL ATTENDANCE ONLY** visit the following link: <https://education.aspe.org/products/eastern-michigan-chapter-meeting-fire-protection-basics-101-and-201-dec-2020>

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



Happy Holidays Eastern Michigan!

As we ramp up for a season of giving and celebrating, I am thankful to have so many ways to stay connected with my friends and family. As lonely as it may seem to stay distant for safety, the vast number of ways we now have to communicate electronically is truly a silver lining around that dark cloud. Go message a few people and tell them you miss them! Let's get the cheer rolling!

December is going to be a great month for ASPE. Registration for the 2020 ASPE Digital Experience is now open and the event is being held virtually from December 1-3. It is FREE for ASPE members, so you don't want to miss out! 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 December Chapter Meeting will be a double dose of Fire Protection! Karl Wiegand from Globe Sprinkler will be bringing us two presentations on the basics of sprinkler systems design, types of valves, hazard classifications and more! The meeting will be held virtually so grab some take-out from your favorite local restaurant and join us! Registrations details are here in the newsletter.

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

Our 45th Anniversary is fast approaching, and our History Book has been published! Look for a notice in the newsletter about how you can order a hard copy, or download the PDF for free: [ASPE EMC 45th Anniversary History Book](#)

Thanks to those of you who made it to the training center for our November meeting. After the virtual session, we had a few special moments with our Instructors, Mike and Paul. Representatives from the Board including myself, Past President Theresa Card and Past President Brienne Hall presented them both with Thank You gifts for their many years of service. It was something we meant to do back in May, and it was just too personal for the mail. Long overdue, it felt so good to release all that pent-up gratitude! Thank you, again Mike and Paul!

Continued on page 2

Contents

President's Report	1
Program	3
In The Know	4
EMC 45TH Anniv. History Book	5
VP Technical Report	6
VP Membership Report	7
ASPE 2020 Awards	8 - 9
Jobs Board	12 - 13
Line Card Sponsors	23 - 24

DECEMBER BOARD MEETING

Virtual Online Meeting 12/1/2020, 4:30 - 5:30 PM

DECEMBER PROGRAM

Virtual Meeting 11/8/2020, 5:00 - 7:30 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
(847) 296-0002, or email info@aspe.org

President's Report (cont. from page 1)

Pam Hartsell, CPD

You may have heard that ASPE has ended its relationship with Plumbing Engineer Magazine. Going forward, you can find all the info you need in ASPE Pipeline: <https://www.aspe.org/pipeline/>

Don't forget to check us out on Social Media! Connect with us on LinkedIn so we can support you! <https://www.linkedin.com/in/aspe-eastern-michigan-chapter-6333251b7/>

Also check out the jobs board on our website. You may just find the opportunity you've been looking for! <https://www.aspe.org/eastern-michigan/index.html>

It true 2020 fashion – Stay Safe EMC Members! And please, if I can help you in any way just message me at the email address below.

Your Chapter President,

Pam Hartsell

president.aspe.emc@gmail.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>

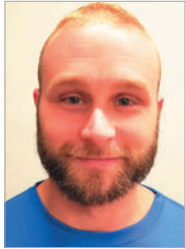


DECEMBER DESIGN SESSION

5:00-6:00 PM

TOPIC: Fire Protection 101

This class will cover basic sprinkler concepts, types, orientations and applications. We will also go through the different types of valves seen in fire protection systems and a brief overview of the different types of sprinkler systems (wet, dry, pre action, deluge).



Karl Wiegand

Presenter: **Karl Wiegand, P.E.**, works in the technical education department at Globe Fire Sprinkler Corporation where his primary duties consist of providing training, providing technical support, and representing Globe's interests within the fire protection industry. Karl holds a Professional Engineering license in the field of Fire Protection Engineering and is a graduate of

Worcester Polytechnic Institute with a Bachelor of Science degree in Mechanical Engineering and a Master of Science degree in Fire Protection Engineering. Over the last ten years Karl has held positions on NFPA 15, NFPA 24, and NFPA 750. Karl continues to represent the sprinkler industry on NFPA 16, 101, 820, and 5000 and Underwriters Laboratory's UL199 STP.

DECEMBER TECHNICAL PROGRAM

6:30-7:30 PM

TOPIC: Fire Protection 201

We will build off of FP 101 and continue with fire protection design basics by going through different hazard classifications, basic sprinkler spacing requirements, how to determine design areas and design densities.

Presenter: **Karl Wiegand, P.E.**



OASIS
QUASAR™
UVC-LED WATER TREATMENT.
Exclusively through OASIS

Model Code:
PWEBQ

Features:

- Pathogen Control:** UVC-LEDs disinfect the water when it is being dispensed, eliminating the chance of recontamination and reducing 99.99% of pathogens.
- Pathogen Inactivation:** Effective against a wide range of water-borne pathogens, including Legionella and chlorine-resistant micro-organisms such as Cryptosporidium and Giardia.
- Chemical Free:** UVC-LEDs provide physical treatment of water without the use of harmful chemicals or altering taste.
- Mercury Free:** Conventional UV lamps contain mercury, a hazardous material which requires special disposal. UVC-LEDs are mercury-free.
- Freshfield:** Alcove plastic is manufactured with our exclusive silver-based antimicrobial compound to prevent degradation and deterioration caused by bacterial growth.
- Extremely Low Power:** UVC-LEDs do not transfer heat to the treated water.
- Constant Protection:** UVC-LEDs pulse on every 10 minutes for a short duration to keep the dispense point sanitized between dispenses.
- Fail Safe:** Prevents water from dispensing if the QUASAR unit becomes disconnected or fails.
- Long Life:** Will last three years or more because UVC-LEDs are only on during water dispense or standby mode constant protection.

Represented by New Century Sales:

WEST MICHIGAN	WEST MICHIGAN	EAST MICHIGAN	EAST MICHIGAN
Michael Zago	Rod Cox	Todd Hiler	Ross Beck
D (248) 960-1147 x 107 C (616) 293-2121 E mikez@newcenturysales.com	D (248) 960-1147 x 116 C (616) 706-1481 E rodd@newcenturysales.com	D (248) 960-1147 x 106 C (513) 633-2609 E toddh@newcenturysales.com	D (248) 960-1147 x 115 C (734) 673-2119 E rossb@newcenturysales.com

www.newcenturysales.com

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/>

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 (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

Check or Credit Card Accepted

Pick up @ SES or during a Hybrid Chapter Meeting

FREE digital download on the ASPE EMC website.

TABLE TOP SPONSORSHIP PRICING

ASPE Members

- \$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.



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/>

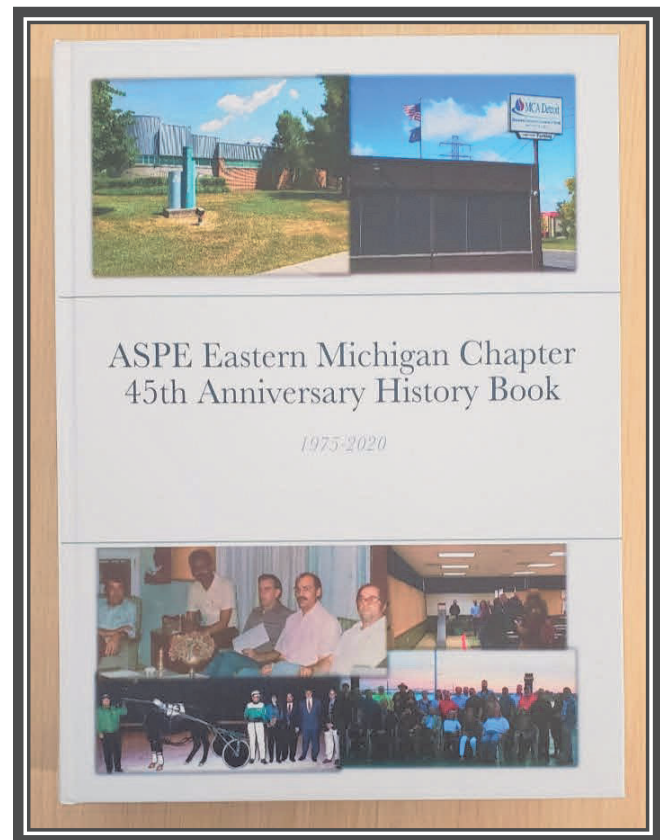
EMC 45TH ANNIVERSARY HISTORY BOOK IS AVAILABLE TO ORDER NOW!

Available in time for the holidays

\$50 EACH

**Check or Credit Card
Accepted**

**Pick-up @ SES or
during a Hybrid
Chapter Meeting**



Contact Theresa Card for orders:
vpt.aspe.emc@gmail.com or 248.988.4708



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!

I hope you all had a good Thanksgiving Holiday. My family is all in warmer climates, so for Thanksgiving I went to New Mexico. I am writing this article before my travels, so I hope I got all the good Tex Mex food that I could handle! The November meeting, for those that missed it, was a great session on

Backflow Prevention by Mike Melaragni and Paul Baker. It was also, sadly, the last meeting we had both of them present (this program year). With Mike and Paul both retiring/retired – we are trying to transition to other speakers. Mike and Paul have been FANTASTIC speakers for many, many years for our Chapter. We owe them so much! If you see them, please thank them for all they have done for us. We hope we can bring them back again as speakers, but only after they have enjoyed some relaxing, retirement for a while – we all know they have earned it!

If you have missed any of the meetings this year – you can find recordings of them below:

September Presentations Recordings:

- Part 1 (because my cpu died in the middle of Dan Cole's Hunter's Curve presentation): <https://youtu.be/lthRojeGR9Y>
- Part 2 (Pam was able to start recording soon after my cpu died): <https://youtu.be/YXkz692z2kU>

October Presentations Recording:

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

November Presentation Recording:

- Full session: <https://youtu.be/GYM9cUIxrWg>

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

December's Meeting

December's Meeting will be a VIRTUAL ONLY meeting, again. We hope the few members who showed up for November's meeting in person enjoyed it (Thanks Chip, Quinn and Josh!) – we certainly enjoyed seeing our members again in person!

Link for virtual registration for December:

<https://education.aspe.org/products/eastern-michigan-chapter-meeting-fire-protection-basics-101-and-201-dec-2020>

Also please note that ASPE has made a change with virtual meetings hosted by National - 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.

Since we are moving back to pure virtual, the meeting time will be 5-7pm again, no dinner break.

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.**

Notes from November's Meeting.

There is obviously no way I can download all 2 hours of program info to you in 1 article, so I encourage you to check out November's Session on Cross Connection for Engineers on the Youtube link above. I always learn something new from Mike and Paul and below are just some of the key takeaways I'd like to share with you.

- Air gas separation is THE most effective method of cross connection prevention.
- Cross connection protection can be classified as two types: containment and isolation. Containment is the backflow preventer used to isolate the entire building from the public water supply system. Isolation is the backflow preventer that isolates each "point of use" from the building's water distribution system.
- A regular check valve is NOT an approved backflow prevention method when it comes to cross connection for buildings or equipment.
- Backflow preventors/cross connection is NOT enforced by Plumbing Inspectors (once the permit is closed). It is enforced by the water purveyor.
- Michigan Cross Connection rules are provided and enforced by the Department of Environmental Quality (now Michigan Department of Environment, Great Lakes and Energy - EGLE): https://www.michigan.gov/documents/deq/CrossConnectionManual_251521_7.pdf
 - o Yes, the 2008 edition is the latest we have
 - o <https://www.michigan.gov/egle/>
- Reduced pressure principle backflow preventers are the top of the food chain – they offer the most protection, but are the most costly and most problematic.
- If your RPZ is "leaking" that means it is doing its job.
- An RPZ in failure mode has a relief discharge of A LOT of water. More than a 4" drain strainer can handle. You need to think about this when you located RPZs - if it fails and discharges 540 gpm constantly, how long until the water level in the room is above the 4" housekeeping pads of adjacent equipment? Be sure to check the drainage flow rate of the strainer of the floor drain, not just the 4" sanitary line.

- Only put strainers ahead of backflow devices that are in isolation applications (as opposed to containment). And don't put a strainer ahead of the building meter – it will only cause problems down the road. Strainers need maintenance!
- For boilers, it is a good idea to put a horizontal soft seated swing check valve downstream of the backflow preventer to the boiler makeup line since boiler water is hotter than most backflow preventers like; the check valves would protect the backflow device since it can come with ratings of up to 250 degrees.

As we continue to deal with Covid and CDC/DHHS recommendations for meetings in person, please always check your email and our website for the most up to date information on our Programs this very unique 2020-2021 year: <https://www.aspe.org/eastern-michigan/program.html>

Sincerely,

Theresa Card

Vpt.aspe.emc@gmail.com

A TOTAL, STATE-OF-THE-ART HOT WATER SYSTEM, ENGINEERED TO DELIVER A SUPERIOR LEVEL OF USER SAFETY, INFECTION CONTROL AND COMPLIANCE, FROM MECHANICAL ROOM TO THE POINT OF USE.

ARMADA
HOT WATER SYSTEM FOR HEALTH CARE

THE BRAIN®
THE BRAIN® DIGITAL RECIRCULATION VALVE
Digital hot water temperature control that delivers unparalleled accuracy, stability and safety to mitigate the risk of Legionella and scalding.

RADA DIGITAL FAUCET
RADA DIGITAL FAUCETS
Hands-free, programmable, point-of-use fixtures have The Brain® digital technology built in, and offers thermal disinfection, duty flush, bacterial-resistant design and ASSE 6070 compliance.

GAS-FIRED WATER HEATING
Leading-edge gas-fired institutional hot water generators, built for reliability, efficiency and durability.

SAGE® SMART HOT WATER SYSTEM MONITORING AND REPORTING
Advanced software provides regular updates, documentation, custom-filtered reports, and real-time alerts for compliance with industry guidelines and Standards of Care.

PROGRAMMABLE OPERATION AND FLOW CONTROL

ABH
ABH

SAGE® MONITORING

MERLO ENERGY
Chip.bidigare@merloenergy.com
(586) 256 - 9922

Armstrong

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

VP Legislative Report

William Grayzar, CPD



Have you ever heard of World Toilet Day? What is World Toilet Day (WTD) you say? WTD just occurred on November 19, 2020 and celebrated of all things “Toilets”. The goal of WTD is to raise awareness of the 4.2 billion people living without access to safely managed sanitation, taking action to tackle the global sanitation

crisis and achieve a Sustainable Development Goal of water and sanitation for all by 2030.

This year WTD the theme was “Sustainable sanitation and climate change”. Floods, droughts and rising sea levels occurring from climate change are threatening to contaminate toilet, septic and treatment plants and wells used for drinking water. Incidents are becoming more frequent as climate change worsens, causing public health emergencies and degrading the environment.

What is a sustainable sanitation system? Sustainable sanitation systems make productive use of waste to safely boost agriculture and reduce and capture emissions for greener energy. It begins with a toilet that effectively and safely captures human waste. The waste then gets stored in a tank, which can be emptied later by a collection service, or it is transported away through a piping network for treatment and safe disposal.

Are you aware that globally, 80% of the wastewater generated by society flows back into the ecosystem without being treated or reused? If treated and reused properly wastewater and sludge from toilets does contain valuable water, nutrients, and energy. Safe reuse of human waste helps save water, reduces and captures greenhouse gas emissions for energy production, and can provide agriculture with a reliable source of water and nutrients.

Sustainable sanitation, in addition to clean water for handwashing, is needed to protect and maintain health and safety and stop the spread of deadly and chronic diseases.

Everyone must have sustainable sanitation that can withstand climate change and keep communities healthy and functioning.

You can learn more about WTD at: <https://www.worldtoiletday.info/world-toilet-day-2020/world-toilet-day-2020-learn/>

Regards,

Bill



CPDT - 2020 EXAM DATES:

The exam is held annually in the Fall.

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/>

VP Membership Report

Kristin Simoneaux, P.E., CPD, LEED



Happy Holidays in advance everyone! I hope you are all staying healthy and are able to enjoy the upcoming festivities as much as possible. We have had a fair amount of interest in our new student member sponsorships. So far LTU students are 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 (up to 10 this 2020-2021 season and they are disappearing quickly). 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!

Did you know you can get a **discount when you renew your membership?** Renewing for multiple years at a time can save you \$\$\$. If you renew for two years you will receive a 5% discount. If you renew for 3 years you will receive a 10% discount.

First year members: renew early and save! If you renew by the eighth month of your membership, you may receive reduced dues for your second year. Those eligible are members who joined after July 1, 2018. Funds are only available for the first 125 members per quarter.

Ever want to be a part of more than one ASPE chapter? We can make that happen!! Once you become a member and choose your home chapter (standard dues rate of \$190), you can join additional chapters (as many as you wish) for only \$80 per chapter. Region 2 chapters are indicated below but we have many beyond what is listed here: <https://www.aspe.org/membership-global-community/chapters/>. Members can serve on the Board of directors for any of the chapters they join. If you are interested in pursuing this option, please contact me and I can walk you through the process.

Until we meet again, stay healthy!

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

REGION 2 CHAPTERS:



Affiliate Liaison Report

Dann Holmes, ASPE Region 2



Settling In

Region 2 Director, Steve Kormanik, CPD, GPD is hard at work learning the ropes interacting with the ASPE Board of Directors (BOD). To begin with, meetings are now virtual which brings new challenges like having to get a new computer, loading programs, and trying to get everything to work properly. Fun.

On a recent Region 2 Presidents' conference call, Steve recognized and congratulated the chapters and individuals that help make us the best region in ASPE.

Steve also reiterated the Free Webinars available to our ASPE members. If you are not yet a member, the education available to you is priceless. Find a way to sign up now because non-members will need to pay \$25/webinar. CEUs will be available to you too.

ASPE is seeking feedback, comments and suggestions from Delegates who attended the Virtual Business Meeting. The BOD wants input to review and will be looking for ways to improve and enhance future virtual meetings. This is a learning process we are all experiencing.

If you are accustomed to receiving the ASPE Plumbing Engineer Magazine in your mailbox, look no further. ASPE and TMB have severed their contract of many years.

Expect to see the ASPE Pipeline become your go-to-site for everything related to plumbing engineering. If you haven't already done so, bookmark it now. Visit www.aspe.org, login, and click on the Publication & News tab and then the ASPE Pipeline link. Ultimately, this will be a great opportunity for ASPE to increase our content and messaging. You may wish to add content here at some point in the future. Stay tuned.

Coming soon is the Virtual 2020 ASPE Expo & Technical Sessions. These will happen on December 1, 2, & 3 and will also be free to members. I'm registered, are you? If not, do it now!

Keep an eye out for one of Steve's early goals of his term, a Region 2 calendar. The intent will be to include chapter meetings, events, activities and other special dates of interest. He is collecting data from our chapters now and building a template around the information we will want to know.

I wish all of you a wonderful Thanksgiving Day celebration with your family members while continuing to practice thorough hand washing and physical distancing. Why physical? Because we still need to be social.

Dann Holmes* – ASPE Region 2 Affiliate Liaison

NSF International – r2al@aspe.org

*Views disclaimer: the views, thoughts, and/or opinions expressed in this article belong solely to the author, and not necessarily to the author's employer, any organization, committee, or other group or individual.

ASPE Announces a New Focus on Society-Branded Communications

November 2, 2020

Since its founding in 1964, the American Society of Plumbing Engineers (ASPE) has been the only international organization for professionals skilled in the design, specification, and inspection of plumbing systems, dedicated to advancing the science of plumbing engineering, the professional growth of our members, and the health, welfare, and safety of the public. At ASPE, we are aware of our responsibility for protecting and growing our brand by disseminating technical information that expands the knowledge base of the plumbing system design industry, and moving into the future, the ASPE brand will continue to grow and gain value as we take advantage of advancements in communication technologies.

Therefore, to achieve that, ASPE is announcing a new and exciting focus of our efforts and resources on providing high-quality content through Society-branded communications. As part of this focus, ASPE will continue to promote and improve our new website, ASPE Pipeline, along with its eponymous biweekly e-newsletter, to disseminate Society and industry information and technical content to ASPE's membership and beyond so we can offer customized articles to our membership, have greater flexibility and control of ASPE content, and optimize membership value.

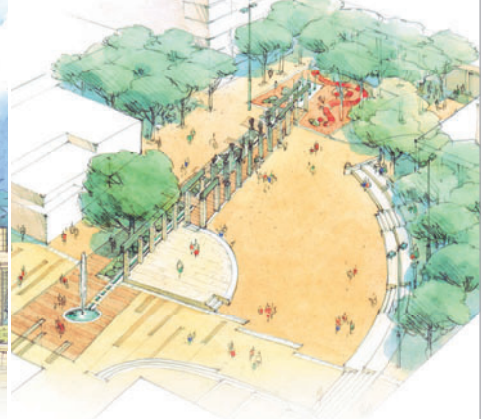
Why are we doing this now?

After a long and mutually beneficial relationship between ASPE and TMB Publishing, ASPE is also announcing that the two organizations will no longer be in a contractual relationship. ASPE and TMB could no longer agree upon compensation terms; thus, after October 31, 2020, Plumbing Engineer magazine will no longer be identified as "The Official Publication of the American Society of Plumbing Engineers." ASPE has valued the relationship with TMB Publishing and appreciates TMB's assistance in publicizing Society news, promoting ASPE's Convention & Expo and Technical Symposium, and advertising ASPE's Affiliate Sponsor program.

In addition to ASPE Pipeline, ASPE will continue exploring new or additional opportunities to disseminate Society news to the industry; however, as stated, the expansion of ASPE Pipeline will be our main focus initially. The Society is excited about our future digital footprint possibilities.



EDUCATION



PUBLIC VENUES

COMMERCIAL OFFICES

T&S IS HERE >

T&S is proud to be a trusted name across a wide range of markets — staying at the forefront of today's evolving industry and providing a vast selection of reliable solutions that meet required codes and compliances.

Learn more at tsbrass.com/markets.

Find us in



HEALTHCARE



T&S plumbing products represented in Eastern Michigan by: Diversified Spec Sales - 248-398-2400

KIMAX® Glass Drain and Vent Systems



- Low volatile organic compounds (VOCs)
- Will not burn or emit toxic fumes
- Maximum corrosion resistance
- Flexibility, adaptability, modularity
- Safe and simple installation
- Lowest life-cycle costs

Tro Sales Company
3406 West 12 Mile Road
Berkley, MI 48072
(248) 546-5354

SCHOTT North America, Inc
info.drainline@us.schott.com
www.us.schott.com/drainline



NOV. MEETING STATS

THANK YOU TO OUR ATTENDEES!

ATTENDEES

David Bailey
Paul Baker
Chip Bidigare
Theresa Card
Robert Frey
Rachel Gendich
William Grayzar
Brienne Hall
Pamela Hartsell

Dann Holmes
Thomas Huck
Rick Johnston
Luciana Kayo
Hank Koppelo
Gayatri Lekshminarayanan
Sean McIntosh
Mike Melaragni
Kristian Merritt

Josh Pedraja
Brenda Pesmark
Lisa Reiheld
Kristin Simoneaux
Kyle Tevault
Dave Watson
Quinn Williamson



NOVEMBER PHOTOS



L to R: Paul Baker, Pam Hartsell and Mike Melaragni



THE BEST OFFENSE IS A GOOD DEFENSE.



Defend against the test of time and use cast iron soil pipe. Ensure success by knowing when and where to specify cast iron soil pipe. Did you know you can earn CEU's by taking a foundry tour to see how cast iron pipe is made or attend a local lunch and learn? Contact your local technical services manager today.



PLUMBING
TECHNICAL SERVICES

LEARN MORE:
mcwanepumbingtechservices.com





High Efficiency Water Heaters
High Efficiency Heating Boilers
Custom System Solutions
Storage Tanks

Heating Boilers
Hot Water Supply
Pool/Spa Heaters
Storage Tanks
Complete Parts Stock



Snowmelt Systems
Radiant Floorheat Systems



Residential Water Heaters
Commercial Water Heaters
Storage Tanks
Complete Parts Stock

Natural Gas / Propane / Electric / Oil
3,000 to 4,000,000 BTU's

- ALSO -

Aldrich Boilers / Holby Valves / Valley Water Softeners



Jamie Caporosso: jamie@kerrpump.com
12880 Cloverdale, Oak Park, MI 48237
Ph.: (248) 543-3880 Fax: (248) 543-3236

Liquid Pumps
Vacuum Pumps
Heat Exchangers
Blowers
Related Equipment
and Accessories

Sales • Service • Repair



AURORA FIRE PUMPS

Compact Fire Pump Systems

- UL Listed/FM Approved Aurora Fire Pump
- UL Listed/ FM Approved Fire Pump Controller
- Capacities of 50-750 Gpm.
- Pressures of 40-160 Psi.
- Aurora Model PVM (close coupled to an ODP motor.)

Vertical Split Case Electric Drive Fire Pump

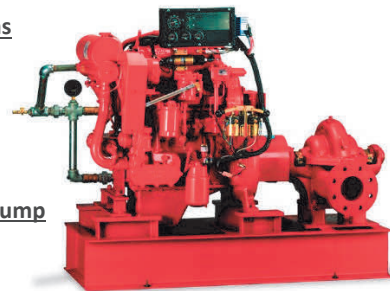
- Electric Driven
- For Commercial, Industrial and Marine use only.
- UL Listed/ FM Approved/NFPA-20 Design

Horizontal Split Case Diesel Drive Fire Pump

- Diesel and Electric driven available.
- Flows at 250 gpm to 5000 gpm.
- Pressures available up to 490 Psi.

PLEASE INQUIRE TO KERR PUMP FOR PRICING,
SELECTIONS, OR TESTING ON EXISTING.

ALSO, PLEASE SEE www.aurorapump.com



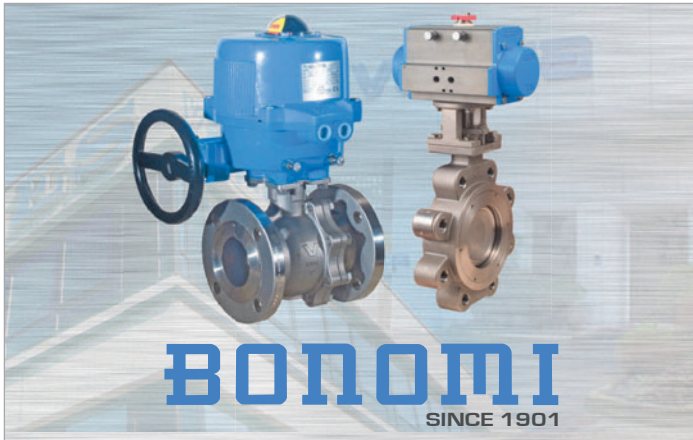
Michigan's Oldest Supplier of Pumps and Process Equipment - 1905



Cindy Zatto

V.E. SALES COMPANY, INC.

For additional information on Aquatherm, Highland Tank, MIRO and Bonomi products, please call Cindy Zatto with V. E. Sales, Inc. at 810.343.2713 or email cindyz@vesalesinc.com



BONOMI
SINCE 1901

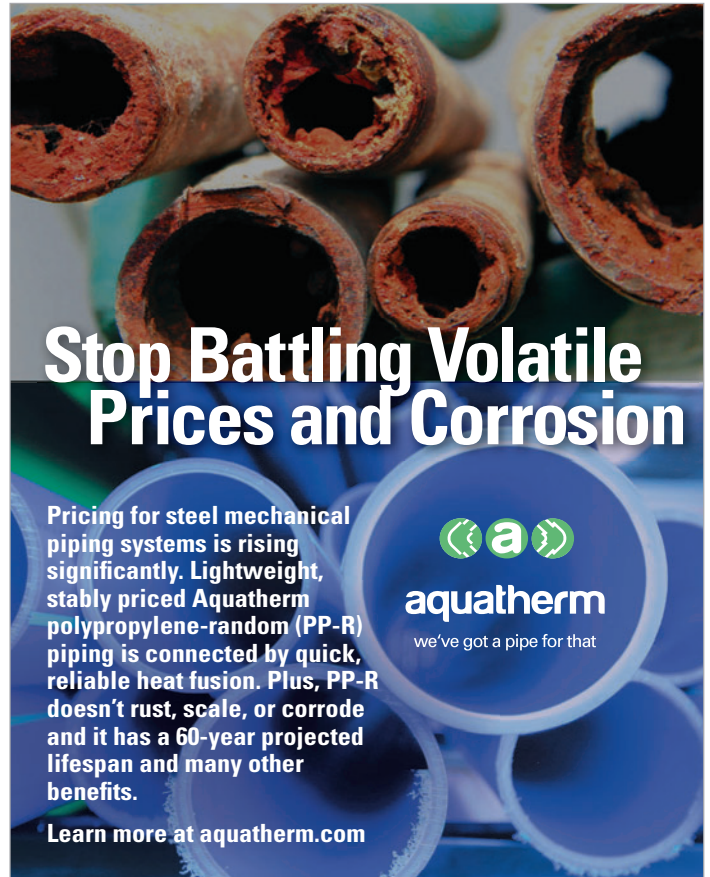
Put more than a century of excellence in valve design and production to work for your company

More than 100 years ago, the Bonomi family began designing and manufacturing valves in Italy with the same passion for excellence as the winemakers that were our first customers.

Today, our low-torque ball valves, in sizes 1/4" to 56", and precision electric and pneumatic actuators are still made in Italy in our own advanced production facilities. And though our single-part number valve and actuator packages make valve automation more simple than ever, our engineering support is available world wide.

Call Bonomi. We'll put our history of flow-control excellence to work for your future.

www.bonominorthamerica.com • (704) 412-9031



Stop Battling Volatile Prices and Corrosion

Pricing for steel mechanical piping systems is rising significantly. Lightweight, stably priced Aquatherm polypropylene-random (PP-R) piping is connected by quick, reliable heat fusion. Plus, PP-R doesn't rust, scale, or corrode and it has a 60-year projected lifespan and many other benefits.



Learn more at aquatherm.com

PROBLEM:
RPZ inside a building
= flood damage
= design engineer liability

SOLUTION:
Install the RPZ inside a freeze protected enclosure located outside the building.

Want to learn more?
Visit the engineering blog pages at www.safe-t-cover.com/blog



SAFE-T-COVER
BY HYDROCOWL

safe-t-cover.com 800-245-6333

PROUDLY MADE IN THE USA
WWW.MIROIND.COM

THE SIMPLE, SMART SOLUTION TO ROOFTOP SUPPORTS



- ✓ Industry-leading 20 year warranty
- ✓ Designed to protect roof membrane by keeping PSI below 2.0
- ✓ Supports come pre-assembled and ready to install
- ✓ Supports available for duct, pipe, mechanical units, and more, as well as stair crossovers, ramps, and service platforms
- ✓ Professional assistance through the process, from take-off to final installation



HOW CAN WE SUPPORT YOU?

Viega System Solutions

Multiple materials, many solutions
One provider



For more information, contact:

Carl Petitt, Jr.
Technical Manager - Great Lakes
carl.petitt@viega.us
(614) 852-2691

Michael Norgan
District Sales Manager
michael.norgan@viega.us
(989) 415-2431



www.viega.us

ALL-IN-ONE SCALD PROTECTION



420-T Series

Now there's no need to install a thermostatic mixing valve below the sink. The new 420-T Series combines Chicago Faucets durability with integrated scald protection. The result is a solid, easy-to-install restroom faucet that complies with ASSE 1070 requirements. With the 420-T, everything you need to meet current building codes and protect users against scalding is built right into the faucet.

Visit chicagofaucets.com or call your local representative for more information.

Taggart-Knight Group
248/553-4388
info@taggartknight.com





[calQlate Your Potential Energy Savings]

Booster system sizing can be difficult. That's why there's calQflo.

QuantumFlo's advanced innovation makes us the premier industrial manufacturing and distribution leader of intelligent pump system technology.

We offer the industry's revolutionary online booster system sizing software, calQflo, that selects the most efficient booster option for your needs—so that your system keeps pumping long into the future! With calQflo, you can:

- Compute the most **size-appropriate** system for your projects.
- **Save money** by selecting **energy-efficient** specs.
- Gain all of this information for **free!**



Get 20-50% Potential Energy Savings from Standard Sizing



Quality Water & Air, Inc.

Quality Water & Air, Inc.
 1402 Souter
 Troy, MI 48083
 Phone: 248-589-8010
 Email: qualitywaterair@cs.com
 Website: www.qualitywaterair.com
 Contact: Georgann - Chuck - Paul




















Every Panel Meets UL508A with a 100KAIC (SCCR) Withstand Rating



New Century Sales, Inc.
Manufacturer's Representatives

EAST MICHIGAN
1715 Traditional Dr.
Commerce Township, MI 48390
P [248] 960-1147 F [248] 960-1149

WEST MICHIGAN
550 36th St. SE
Grand Rapids, MI 49548
P [616] 600-9660

 www.americanstandard-us.com (Kitchen & Bathroom)	 www.amtrol.com (Expansion Tanks)	 www.anaheimmfg.com (Garbage Disposals)	 www.bascoshowerdoor.com (Shower Doors)	
 www.bradleycorp.com (Washroom Solutions)	 www.caleffi.com (Hydronic Accessories)	 www.fiatproducts.com (Shower Floors)	 www.grohe.com/us (Faucets)	 www.usa.ibcboiler.com (Boilers)
 www.justmfg.com (Stainless Steel Sinks)	 www.femyers.com (Water and Waste Pumps)	 www.oasisbath.com (Fiberglass & Acrylic Tub & Showers)	 www.oasiscoolers.com (Water Filtration Coolers)	
 www.oatey.com (Cherne, Dbn Brass, Harvey & Hercules)	 https://na.panasonic.com/us/home-living-solutions/ventilation-indoor-air-quality/ (Bath Fans)	 www.rehau.com/us-en (PEX Plumbing Products)	 www.rheem.com (Water Heaters)	



Represented by New Century Sales:

WEST MICHIGAN
Michael Zago
C (616) 293-2121
E mikez@newcenturysales.com

WEST MICHIGAN
Rod Cox
C (616) 706-1481
E rodcd@newcenturysales.com

EAST MICHIGAN
Todd Hiler
C (513) 633-2609
E todhd@newcenturysales.com

EAST MICHIGAN
Ross Beck
C (734) 673-2119
E rossb@newcenturysales.com

www.newcenturysales.com

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

aspe.org/aspe-mentoring-program



INTRODUCING THE FREEZELESS UNDERCOVER WALL HYDRANT™



- Model 68 freezeless wall hydrant protected by an integral cover
- Drains automatically—even with hose attached
- Replaceable 16 gauge stainless steel cover flips down for easy access
- Tee key prevents unauthorized use
- Sleek, streamlined, low profile design

WOODFORD



WOODFORD MANUFACTURING COMPANY

Excellence. *Always.*

800.621.6032 • www.woodfordmfg.com

Represented by Burke Agency, Inc. • 248.669.2800

Woodford Model 68

BALFREY & JOHNSTON, INC.

Manufacturers' Representatives
13050 Northend
Oak Park, MI 48237
Ph 313 864-2800 Fax 313 864-7219
George D. Johnston: george@balfrey-johnston.com
balfrey-johnston.com

KERR PUMP AND SUPPLY

Manufacturers' Representatives
12880 Cloverdale
Oak Park, MI 48237
Ph 248 543-3880 Fax 248 543-3236
Jamie Caporosso: jamie@kerrpump.com
kerrpump.com

BURKE AGENCY, INC.

Manufacturers' Representatives
2605 E. Oakley Park Road, Suite A,
Commerce Twp, MI 48390
Ph 248 669-2800 Fax 248 669-3310
Brian Burke, Peter Lapham, John Taylor
bburke@burkeagency.com
burkeagency.com

LOCHINVAR

High Efficiency Water Heaters and Boilers
45900 Port Street
Plymouth, MI 48170
Ph 734 454-4480 Fax 734 454-1790
Jason Loverich: jloverich@lochinvar.com
lochinvar.com

DALE PRENTICE COMPANY

Manufacturers' Representatives &
Application Engineering Solutions Provider
26511 Harding Avenue
Oak Park, MI 48237
Ph 800 536-4700 Fax 248 339-5559
Michael Cullen: mcullen@prenticeco.com
Mobile 248 302-5924
prenticeco.com

MAJOR/LOZUAWAY & ASSOCIATES, INC.

Manufacturers' Representatives
1117 W. Grand Blanc Rd.
Grand Blanc, MI 48439
Ph 810 234-1635 Fax 810 234-8389
Mike Ostrowski: moski@lozuaway.com
Mobile 810 287-6983

DAVE WATSON ASSOCIATES, INC.

Manufacturers' Representatives
1325 W. Beecher St.
Adrian, MI 49221
Ph 517 263-8988 Fax 517 263-2328
Rick Johnston: rjohnston@davewatson.biz
davewatson.biz

NEW CENTURY SALES, INC.

Manufacturers' Representatives
1715 Traditional Dr.
Commerce Township, MI 48390
Ph 248 960-1147
Ross Beck: rossb@newcenturysales.com
Mobile (734) 673-2119
Todd Hiler: toddh@newcenturysales.com
Mobile 513 633-2609
newcenturysales.com

**DIVERSIFIED SPEC. SALES, INC./
HOWLEY AGENCY SALES CO.**

Manufacturers' Representative
13261 Northend Ave.
Oak Park, MI 48237-3265
Michael J. Burdette: mburdette@dsshowley.com
Ph 248 398-2400 Fax 248 547-4905
diversifiedspec.com

PAULA. BAKER

ASSE Region #4 Director - Mid West
ASSE International
18927 Hickory Creek Drive, Suite 220
Mokena, IL 60448
Ph 313 399-3072 Fax 248 585-1437
Paul Baker: paul.baker@ualocal98jatc.org
www.asse-plumbing.org

HS/BUY VAN ASSOCIATES, INC.

Manufacturers' Representatives
56 S. Squirrel
Auburn Hills, MI 48326
Jarrett Armstrong, Bill Allen
Ph 888 472-8982 Fax 248 852-0298
info@hsbuyvan.com
hsbuyvan.com

PERFORMANCE ENGINEERING GROUP

Engineered Water Products
32955 Industrial Rd.
Livonia, MI 48150
Alan Deal: adeal@performanceengineering.com
Ph 734 266-5300 Fax 734 266-5310
performanceengineering.com

PROGRESSIVE PLUMBING SUPPLY

Wholesale Distributor
31239 Mound Road
Warren, MI 48092
Ph 586 756-8662 Fax 586 756-9077
ppsapplyco.com
Locations: Warren, Detroit, Mt. Clemens, and Oxford

R.L. DEPPMANN COMPANY

Manufacturers' Representatives
46575 Magellan Drive
Novi, MI 48377
Gerry Potapa Jr., CPD, Paul Prentice, LEED AP®
Mark Fine, LEED AP®, Chris Lieder
Ph 800 589-6120 Fax 248 354-3763
sales@deppmann.com
deppmann.com

TAGGART-KNIGHT GROUP

Manufacturers' Representatives
37686 Enterprise Ct.
Farmington Hills, MI 48331
Gary O. Taggart
Ph 248 553-4388 Fax 248 553-4653
info@taggartco.com
taggartknight.com

QUALITY WATER & AIR, INC.

Manufacturers' Representative
1402 Souter
Troy, MI 48083
Georgann Kummer, WBE
Ph 248 589-8010 Fax 248 589-8016
qualitywaterair@cs.com
qualitywaterair.com

V. E. SALES COMPANY

V. E. Sales is your source for
the finest quality flow control solutions.
25200 Jefferson Ave.
St. Clair Shores, MI 48081
Thomas Van Egmond
Ph 586 774-7760 Fax 586 774-1490
vesalesinc.com

Expand
YOUR COMPANY
Place your ad here.



2020-2021 ASPE EMC Board

President

Pam Hartsell, CPD, PMP
Strategic Energy Solutions
4000 W. Eleven Mile Rd.
Berkley, MI 48072
(248) 399-1900 x 222
Fax: 399-1901
p_hartsell@yahoo.com

VP Technical

Theresa Card, P.E., CPD,
LEED AP BD+C
Strategic Energy Solutions
4000 West 11 Mile Rd
Berkley, MI 48072
(248) 399-1900 ext 223
allethe@gmail.com

VP Legislative

William Grayzar, CPD
28150 Greenfield Rd.
Southfield, MI 48076
(248)569-1430 ext.333
bill@dsonline.com

VP Membership

Kristin Simoneaux, P.E., CPD,
LEED AP
2338 Coolidge Hwy. #100
Berkley, MI 48072
(248) 336-4700
kristin.simoneaux@stantec.com

VP Education

Theresa Card, P.E., CPD,
LEED AP BD+C
Strategic Energy Solutions
4000 West 11 Mile Rd
Berkley, MI 48072
(248) 399-1900 ext 223
allethe@gmail.com

Treasurer

Rachel Gendich
Strategic Energy Solutions
4000 W. Eleven Mile Rd.
Berkley, MI 48072
(248) 399-1900
Fax: 399-1901
rgendich@sesnet.com

Administrative Secretary

Brianne Hall, P.E., CPD,
LEED AP BD+C, GGP
FTC&H
39500 Mac Kenzie Dr. Suite 100
Novi, MI 48377
(248) 324-4780
bnhall@ftch.com

Corresponding Secretary

George Johnston II
13050 Northend Ave
Oak Park, MI 48237
(313) 864-2800 Fax: 864-7219
george2@balfrey-johnston.com

Chaper Affiliate/Liaison

Dann Holmes
NSF International
789 N. Dixboro Rd
Ann Arbor, MI 48105
(734) 214-6222
r2al@aspe.org

AYP Liaison

George Bellman
Strategic Energy Solutions
4000 W. Eleven Mile Rd.
Berkley, MI 48072
(248) 399-1900 x222
Gbellman72@gmail.com

WOA Liaison

Theresa Card, P.E., CPD,
LEED AP BD+C
Strategic Energy Solutions
4000 West 11 Mile Rd
Berkley, MI 48072
(248) 399-1900 ext 223
allethe@gmail.com

Directors

Michael Melaragni, CPD
38958 Lapham Drive | Livonia, MI
48154-1014
(734) 591-9339
mjmelaragni@yahoo.com

Kari Rosteck
(313) 318-6555
kari.rosteck@gmail.com

John Nussbaum,
IPP, FASSE, FASPE



ADVERTISING OPPORTUNITY INFORMATION

ASPE EMC News is published 9 times per year (September through May, plus one summer issue if feasible). Yearly advertising rates are \$200.00 per ad for members and \$250.00 for non-members. One time digital full page insert advertisements are \$250.00 for one issue, quarter page (9 issues) \$250.00 - half page (9 issues) \$350.00 and full page (9 issues) \$550.00. Please call Pam Hartsell at (248) 399-1900 x 222 for any questions regarding pricing of ads. Checks should be made payable to ASPE E. Mich. Chapter and mailed to the attention of Pam Hartsell, CPD at Strategic Energy Solution, 4000 W. Eleven Mile Rd. Berkley, MI 48072 . Circulation 400 - Distributed to: Engineers, Contractors, Inspectors, and other industry professionals in Michigan. For contributing articles and all digital artwork email to: Theresa Green, Newsletter Editor at: theresa.m.green@outlook.com

TABLE TOP SPONSORSHIP INFO

ASPE Members

- \$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.

PAY FAST, PAY EASY
Secure Payments Accepted By

