

NOV - MEETING AGENDA

DATE:

TUESDAY, NOVEMBER 14, 2023

WHERE:

Plumbing Industry Training Center
in Troy, MI

5:00 PM - 5:50 PM

Sanitary Waste and Venting

5:50 PM - 6:15 PM

Vendor Table Top Presentations

6:15 PM

Dinner Service

6:30 PM - 7:30 PM

Interceptors - Types, Applications
and Sizing

REGISTRATION REQUIRED

IN-PERSON: <https://www.eventbrite.com/e/aspe-emc-november-2023-technical-program-tickets-733813535037>

SEE INSIDE COVER FOR TABLE OF CONTENTS

William Grayzar, CPD, GPD, FASPE President of ASPE EMC



I hope everyone had an enjoyable Halloween and found the panel discussion on water heaters at our October meeting valuable. As we move into November and we start making out plans for Thanksgiving dinner and time with family and friends, remember to add our **November 14th** meeting to your calendars. The meeting will be held at the Plumber 98 and MCA Detroit Training Center (PITC) located at 1911 Ring Dr. in Troy, MI 48083, as usual, and will begin promptly at

5:00 PM with our Design Class covering “**Sanitary Waste and Venting**” followed by dinner and our Technical Session covering “**Interceptors - Types, Applications and Sizing**”.

Thinking of both sanitary waste and the daunting task of cleanup after the large Thanksgiving feast, lead me to think about the things you should avoid putting down your drains and through your garbage disposers. Things like, coffee grounds, potato peels, fibrous veggies (such as celery, rhubarb, pumpkin innards, chard, kale, and asparagus), starchy foods (such as pasta, rice, oats, and beans), fats and grease (such as oils, butter, poultry skin, and bacon grease), onion skins, egg shells, nuts, pits, seeds, shellfish shells, bones, napkins, paper towels, wrappers, foil, and cellophane should all be avoided as they can lead to clogs and/or damage to the garbage disposer. In addition, be safe and always unplug the garage disposer before attempting to remove anything from the disposal drain or when servicing the disposer, to avoid personal injury.

In commercial environments, grease traps and interceptors are utilized to mainly collect and remove fats, oils, and grease from the sanitary drainage system, prior to entering a municipal drainage system or septic field. The difference between a grease trap and a grease interceptor is the flow rate of wastewater that the device can handle. A grease trap works well in low-pressure water environment, with a lower volume of flow, typically less than 50 gallons per minute. Whereas grease interceptors are used in large-scale high-pressure environments with a higher volume of flow, more than 50 gallons per minute. Grease traps typically are located inside on the floor or in the floor under or near the fixture served. Whereas grease interceptors are typically installed outside and below grade and serve a sanitary waste system.

Continued on page 2

NOTICES

Contents

President's Report	1
Program	3
In The Know	4
Tech. Symposium Recognition	5
Member Spotlight	6
VP Technical Report	6
VP Membership Report	8
Birthdays	9
Mentorship	10
WOA	11
Golf Outing Flyer	12
October Attendance / Sponsors	16
October Photos	17 - 23
Tech. Symposium Photos	24 - 29
Line Card Sponsors	36 - 37

NOVEMBER BOARD MEETING

Tuesday, 11/7/23 @ 4:30 PM
Online Meeting

NOVEMBER PROGRAM

Tuesday, 11/14/23, 5:00 - 7:30 PM
Plumbing Industry Training Center,
1911 Ring Drive, Troy, MI 48083

ASPE EMC GOLF OUTING

Tuesday, 6/11/24
The Links of Novi
Flyer on pg. 12

President's Report (cont. from page 1)

Bill Grayzar, CPD, GPD

You can learn more about sanitary waste and venting and interceptors at the November chapter meeting. I wish everyone a safe and Happy Thanksgiving and I look forward to seeing you at the Plumber 98 and MCA Detroit Training Center (PITC) on November 14, 2023.

Bill



LATEST NEW MEMBER
~ WELCOME ~

BRANDON WATTS
RONALD AQWA
MIKE VANPUTTEN

NOVEMBER DESIGN SESSION

5:00-5:50 PM

TOPIC: Sanitary Waste and Venting

Presenter: **RACHEL GENDICH**

Strategic Energy Solutions



Rachel Gendich

Rachel is a Lawrence Tech grad and Mechanical Engineer with Strategic Energy Solutions. She has a passion for sustainable design, including geothermal systems, water conservation technologies and infrastructure for all electric vehicles, and is working towards becoming Certified in Plumbing Design. She is currently serving her 4th year as the ASPE Eastern Michigan Chapter Treasurer and looking forward to serving as Chapter President in the very near future.

Description: In this presentation we will review sanitary and vent system design considerations. We'll discuss pipe materials, venting methods, types of interceptors, acid waste disposal, temperature maintenance, and the 2018 Michigan Plumbing Code requirements. We will learn what tools are used to size piping, how to calculate fixture units, common requirements for commercial kitchens and the need for backwater valves.

NOVEMBER TECHNICAL SESSION

6:30-7:30 PM

TOPIC: Interceptors - Types, Applications and Sizing

Presenter: **SILVANO FERRAZO**

Zurn - Site Works



Silvano Ferrazo

Silvano Ferrazo with Zurn Industries Site Works team has over 25 years of experience in Engineering, Product Design, Commercial Development, and Environmental Regulatory development. Silvano is an active Board Member of PDI – the Plumbing and Drainage Institute - as well as ASPE, and participates in CSA and UPC Committees in both the US and Canada. He is a certified presenter for ASPE Continuing Education Credits. With combined North American and International experience, Silvano speaks authoritatively on Interceptor and Trench Drain issues related to wastewater management, and regulations affecting collection systems and employee health and safety. As a Chemical Engineer, he brings a down to earth approach to shed light on current industry trends and solutions. Since joining Zurn's Site Works team Silvano has been instrumental in providing leadership in sales, education and training, and innovative commercial development solutions to better serve the engineering community in projects ranging from oil and grease management to flow through trench drain innovations.

Description: This presentation will cover the types of interceptors used in plumbing systems, where they are required and desired, and how to size them appropriately so they not only meet code but function correctly to protect the municipal systems.

New This Year:

Design classes will be centered around the CPD Exam- attend all 7 classes and receive a CPD Study Guide.

About Registration and CEUs:

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. We 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 IS STILL AVAILABLE!

Cost for printed book - \$50, check or credit card accepted

Pick up @ SES or during a 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.



Commercial Washrooms. Brought to Life.
HANDWASHING & DRYING | ACCESSORIES | PARTITIONS | LOCKERS

CUTTING-EDGE HANDWASHING TAKES SHAPE

The next generation WashBar raises your restroom to new heights by providing touch-free soap, water and drying in an edgy new design for an unforgettable handwashing experience. The single connection point to the sink provides an impressive design element and creates more open space for cleaning.

ADVANTAGES OF THE WASHBAR

- Floating design for a simple and clean aesthetic
- Single connection point to the sink for easier cleaning
- Eliminates the cost and mess of paper towels
- Icons and LED lights to visually orient users
- Smart sensor technology eliminates false activations
- WashBar and bowl work together to keep water in the basin
- Gallon soap capacity to reduce the number of replacements
- Captures soap and water activations for maintenance planning

The new WashBar WB2 is available with the Verge® LVQ Series in Evero® natural quartz, OmniDeck™ 5010 in Terreon® solid surface, or pair with a Terreon solid surface or Evero natural quartz undermount basin with the deck or countertop of your choice.



AVAILABLE IN SIX BEAUTIFUL FINISHES



ALL-IN-ONE WASHBAR



All the fundamentals of handwashing have been thoughtfully designed into Bradley's innovative WashBar.

WASHBAR FEATURES

- CLEAN**
 - Touch-free activation
 - Low level LED indicator
 - Gallon (3.8 L) soap capacity
 - Simply replace soap tank – no cleaning or refilling
 - Liquid and foam soap
- RINSE**
 - Touch-free activation
 - 0.5 GPM (1.9 LPM)
 - Ultra-high efficient 0.35 GPM (1.4 LPM) option where water conservation is a necessity
- DRY**
 - Touch-free activation
 - Heated air stream dries hands quickly and efficiently
 - Adjustable speed for quieter hand drying

bradleycorp.com
800 BRADLEY +1 262 251 6000
W142 N9101 Fountain Boulevard
Menomonee Falls, WI USA 53051



bradleycorp.com/washbar

Represented by New Century Sales:

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

www.newcenturysales.com

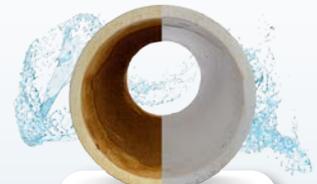
A DIRTY SYSTEM IS COSTLY

Save up to **35%** on energy and maintenance costs.

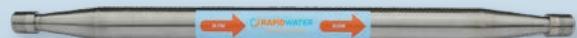
Ask us how.

Nanobubble Generators from Rapid Water Technologies remove and prevent the buildup of biofilm and other deposits in commercial and industrial water use.

- ✓ Heat Transfer Efficiency
- ✓ Chemical Use
- ✓ Equipment Maintenance
- ✓ System Cleaning & Repair
- ✓ Increased Production
- ✓ Water Use
- ✓ Sanitation (Legionella, Salmonella, COVID-19, etc.)



Start saving today!



A MEMBER OF THE KENDALL GROUP

800-362-4994
sales@merloenergy.com



ASPE-EMC Chapter and Members Recognized for Their Achievements During the 2023 Tech Symposium

EMC 2022-2023 CHAPTER BOARD – Chapter Award of Merit

ASPE's annual Chapter Award of Merit is presented to recognize extraordinary contributions made by the Chapters on behalf of the Society.

EMC 2022-2023 CHAPTER BOARD – Education & Research Foundation Contributor

The Education and Research Foundation recognizes chapters that have generously donated in support of research projects concerning areas of interest in the plumbing technology and design field.

JOSH PEDRAJA – Certificate of Appreciation Recipient

Josh Pedraja, VP Membership of ASPE EMC, received a certificate of appreciation for his outstanding contribution to the overall success of the 2023 Technical Symposium.

JESSICA LAMING – Certificate of Appreciation Recipient

Jessica Laming, Affiliate Member of ASPE EMC, received a certificate of appreciation for her outstanding contribution to the overall success of the 2023 Technical Symposium.

Congratulations to All! - photos on pgs. 24-29

MEMBER SPOTLIGHT

Eastern Michigan Chapter Members,

We would like to congratulate **Adrienne Bennett** and her company, **Benkari** who were recently honored with a display at the Detroit Historical Museum.

“**The Hustle: Celebrating Detroit’s Unsung Entrepreneurs**” is the historical society’s newest effort to uncover and put a spotlight on the stories of Detroiters who make everyday life in the city special, according to a news release.

The chosen honorees were featured in five Detroit Historical Museum exhibits over the course of 2022 and 2023.

(Read the whole article [here](#))

Congratulations Adrienne!!!



VP Technical Report

Pam Hartsell, CPD, PMP



Welcome to the Cold Weather in Eastern Michigan!

Our second meeting of the 2023-2024 program was a lot of fun. We held our first design class that counted towards attendance for a free copy of the CPD Study Guide. As I've mentioned before, as an incentive to attend our design classes, we're offering this publication

to those who attend the classes, starting with our October Chapter Meeting. If you're considering taking the exam, I really encourage you to take advantage of this opportunity – not only for the free book, but also for the education you will gain from networking with, and learning from, your fellow chapter members.

Our Design Class was a demonstration of the Water Demand Calculator by veteran EMC Member Alan Deal. Alan shared how designing your water system based on metered demand allows you to right-size your equipment, saving money and valuable floor space for your customers. You can watch a replay of the class on our YouTube Channel here: <https://youtu.be/AzLSnrdq5Mw> (you may need to copy and paste the link in your browser).

Our Technical Presentation was a Part 2 of last year's Water Heater Panel and featured a lively discussion about the do's and don'ts of heat pump style water heaters and tankless heaters, as well as the best temperature to store hot water.

You can watch a replay of the presentation on our YouTube Channel here: <https://youtu.be/RL8xF6uvH6c> (again, you may need to copy and paste the link in your browser).

Next month, we'll be learning about Sanitary and Vent systems, taught by our chapter treasurer and AYP Liaison Rachel Gendich! This will be the second in our series that counts towards attendance if you're interested in that free copy of CPD Study Guide, and we're excited to have Rachel as a first-time presenter at our meetings.

The Technical Presentation will be on Interceptors, featuring Silvano Ferrazo of Zurn/Green Turtle. Silvano will explain the different types of interceptors used in plumbing systems, and how to size them properly to meet code and to protect the municipal water system.

We'll also begin collecting toys for the Engineering Society of Detroit Holiday Toy drive, so if you're in the giving mood, please feel free to bring a new, unwrapped toy to the November or December meeting so we can donate it to one of the many deserving children in foster care in our area.

As always, please reach out to me if you have any questions.

Your Chapter VP Tech,
Pam Hartsell
vpt.aspe.emc@gmail.com



The only news site dedicated exclusively to ASPE, our members, and the plumbing engineering industry

VP Membership Report

Josh Pedraja



We want to welcome in a few new members to our Chapter and ASPE Family; **Mike VanPutten** of Kennedy Solutions **Brandon Watts** of HED, **Raymond Williams** of University of Michigan!!

I wanted to take a few minutes and share my experience from this year's ASPE Technical Symposium in Bellevue, Washington. It was my first time attending a Tech Symposium, let alone speaking at anything other than a Chapter Meeting or individual Lunch n' Learn as an affiliate. The Tech Symposium has a different feel than the national Convention & Expo where it feels more like a smaller community and provides networking on a personal level for new faces and connecting on a deeper level with those you already know. The education sessions alone are invaluable for an engineer and affiliate alike. The Product Show is also smaller, however, it gives you a little more time to spend at individual booths and learn more about the product in your specifications or schedules. Overall, it was a great time and great experience.

I would be remiss if I didn't mention that we had 11 of our Chapter members attend, the most in Region 2!! Members included: Jacob Baird, Michael Pietzrak, Brian Chinnery of PBA, Jessica Laming of NSF, Rufina Golsheyn of Z Modular, Ron George of Plumb-Tech Design & Consulting Services, Brianna Hall of Fishbeck, Bill Grayzar of DSD, Rachel Gendich of SES, Dann Holmes of Building Water Health Technical Consulting and myself of Patton's Medical. Two of our members were speakers, Jessica Laming and myself; membership from our chapter was strong in representation in Bellevue!!

Golf update 2024: SAVE THE DATE! Tuesday, June 11th 2024 is our 2nd Annual Golf Outing. It will be held again at The Links of Novi in Novi. Stay tuned for more information!

ATTENTION STUDENTS:

DID YOU KNOW that ASPE also offers scholarships to qualifying students up to \$5,000?! Please check out the Alfred Steele scholarship at <https://www.aspe.org/membership-global-community/membership/alfred-steele-scholarship-application/> for more information and application. **The deadline for entry is January 31st 2024.**

This scholarship is named in honor of Alfred Steele, PE, a long-time member of the American Society of Plumbing Engineers and a visionary and pioneer in advocating education and professional development for plumbing engineers and designers.

Connect with and Follow us on LinkedIn (ASPE Eastern Michigan Chapter). We have up to date announcements and different posts that are educational, entertaining and informative on current events happening in our Plumbing World!

Membership renewal! If you are up to renew your membership, remember to do it today! We don't want to see you go!! There is a new option to be apart of multiple chapters! If you are interested, please keep The Eastern Michigan Chapter as your home chapter and signup for as many others as you wish for only \$80 per chapter. You can also take advantage of Multiple-Year Membership Renewal. Save on your ASPE membership dues if you join or renew for more than one year! • 5% Discount for a two-year renewal. • 10% Discount for a three-year renewal.



2024 CPD Exam

REGISTRATION Opening Soon

Exam Dates: April 15-26

CERTIFIED IN
PLUMBING DESIGN

Member Birthdays

NOVEMBER BIRTHDAYS

Bob Thomas11-04
Manar Saied11-07
Darren Carey11-07
Hank Koppelo11-08
Jose Cabello11-10
Christopher Freeman .11-14
Jason Cerbin.11-20
Noah Klein.11-22
Gary Taggart11-24
Dawn Fischhaber . . .11-29

* Member birthday list provided by VP Membership, Josh Pedraja

CELEBRATE EACH DAY LIKE IT'S YOUR BIRTHDAY!!



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

For more information click below:

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





Women of ASPE®

Learn more about our group!

WOA is dedicated to **engaging, retaining,** and **advancing** women in the plumbing design industry through:

- > Mentoring programs
- > Membership outreach
- > Partnerships with industry-related associations
- > Educational and leadership offerings

And more!

Email rrodriguez@aspe.org and visit aspe.org

Exclusive WOA Sponsor





EASTERN MICHIGAN

2ND ANNUAL GOLF OUTING



TUESDAY, JUNE 11, 2024



**THE LINKS OF NOVI
NOVI, MICHIGAN**

VE Sales merges with Sales Service Plus

Cindy Zatto
 czatto@salesserviceplus.com
 810-343-2713



Highland Tank

- Aboveground & Underground Oil/Water Separators
- Oil Sand Interceptors
- Elevator Sump Pump Interceptors
- Manual Oil Interceptors
- Advanced Filtration Systems

Sales Service Plus has merged with VE Sales. We look forward to working with you!



Elevator Sump Pump Interceptors



Manual Oil Interceptors



Oil/Water Separators

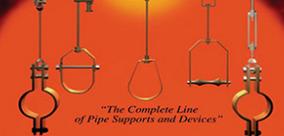


Elevator Oil Interceptors

www.highlandtank.com | 814-893-5701

Pipe Hangers & Devices

Catalog No. 493



"The Complete Line of Pipe Supports and Devices"

PHD Manufacturing, Inc.
 4418 Columbia Way
 Columbus, Ohio 43228
 Phone: (614) 271-2700 • (614) 483-3036
 Fax: (614) 483-2700 • www.phd.com

Strut Products & Accessories

Catalog No. 79



"The Complete Line of Strut Products & Accessories"

PHD Manufacturing, Inc.
 4418 Columbia Way
 Columbus, Ohio 43228
 Phone: (614) 271-2700 • (614) 483-3036
 Fax: (614) 483-2700 • www.phd.com

Snappitz - Self locking Insulated Pipe Supports



SNAPP ITZ

15 Seconds to Install

LEEDS Friendly – with higher insulative equalities and 17% recycled materials used in Polyisocyanurate Foam



Snappitz Thermal Insulated Pipe Shields are currently being installed throughout this Ford Blue Oval project.

We make rooftop supports easy.



Since 1982 | Easy to Work With
 20 year warranty | Made in USA
 Learn more at miroind.com



QLS SERIES

PREFABRICATED LIFT STATIONS WITH Z-RAIL TECHNOLOGY

Choose your package system

- Single or multiple pump configurations
- Effluent, sewage, grinder, or progressive cavity pumps

Zoeller's Z-Rail® System and guide rails provides quick and easy pump removal

All Zoeller products are 100% FACTORY TESTED.



The New Standard in Tank Lining Protection



Only Bradford White comes standard with Vitraglas® tank lining featuring Microban®.

- **Vitraglas®** provides unsurpassed protection from the corrosive effects of water.
- **Microban®** antimicrobial product protection helps prevent the growth of bacteria, mold and mildew on the surface of the tank lining.



Represented By:



Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobia properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company. ©2023, Bradford White Corporation. All rights reserved. BWFACL0423

Replacing Your Water Heater Every Few Years is Not Our Business Plan



Conquest[®] condensing, gas-fired water heaters are constructed from AquaPLEX[®] duplex stainless steel so they're corrosion-resistant in potable water at any temperature. Available in 199-1000 MBH, Conquest provides even more BTUs in small spaces and fits through a standard 36-inch doorway. With a thermal efficiency of up to 96%, long product life and a 15-year tank and heat exchanger warranty, you can't afford not to have one.

Call R.L. Deppmann or visit our Monday Morning Minutes blog at deppmann.com for information on PVI Water Heaters
800.589.6120



800.784.8326 | pvi.com

OCTOBER MEETING

THANK YOU TO OUR SPONSORS!

BALFREY & JOHNSTON

DIVERSIFIED SALES

JW SALES

LOCHINVAR

PERFORMANCE ENGINEERING

R. L. DEPPMANN

SALES SERVICE PLUS

THANK YOU TO OUR ATTENDEES!

Ross Beck
Adrienne Bennett
Chip Bidigare
Zakary Bondy
Theresa Card
Robert Frey
Rachel Gendich
William Grayzar
Pam Hartsell
Thomas Huck

Andrew Hyde
George Johnston II
Mike Kennedy
Hank Koppelo
Ryan Lyle
Michael Melaragni
Joshua Pedraja
Brenda Pesmark
Gerry Potapa
Paul Prentice

Scott Roberts
Jackson Russo
Bill Sample
Gary Taggart
Bob Taylor
Robert Thomas
Brandon Watts
Cindy Zatto

OCTOBER MEETING PHOTOS



Alan Deal gave a great presentation on Domestic Water Distribution and the Water Demand Calculator



Congratulations Jackson Russo, our gift card winner!

OCTOBER MEETING PHOTOS



Congratulations Zakary Bondy, our polo shirt winner!



EMC President Bill Grayzar presents a Certificate of Appreciation to Alan Deal

OCTOBER MEETING PHOTOS



EMC President Bill Grayzar presents a Certificates of Appreciation to the Water Heater Panelists



Our Water Heater Panelists and Moderator, EMC WOA Liasion Theresa Card

OCTOBER MEETING PHOTOS



Thank You Balfrey & Johnston for sponsoring our meeting!



Thank you Diversified Specs Sales for sponsoring our meeting!

OCTOBER MEETING PHOTOS



Thank You JW Sales for sponsoring our meeting!



Thank You Lochinvar for sponsoring our meeting!

OCTOBER MEETING PHOTOS



Thank You Performance Engineering for sponsoring our meeting!



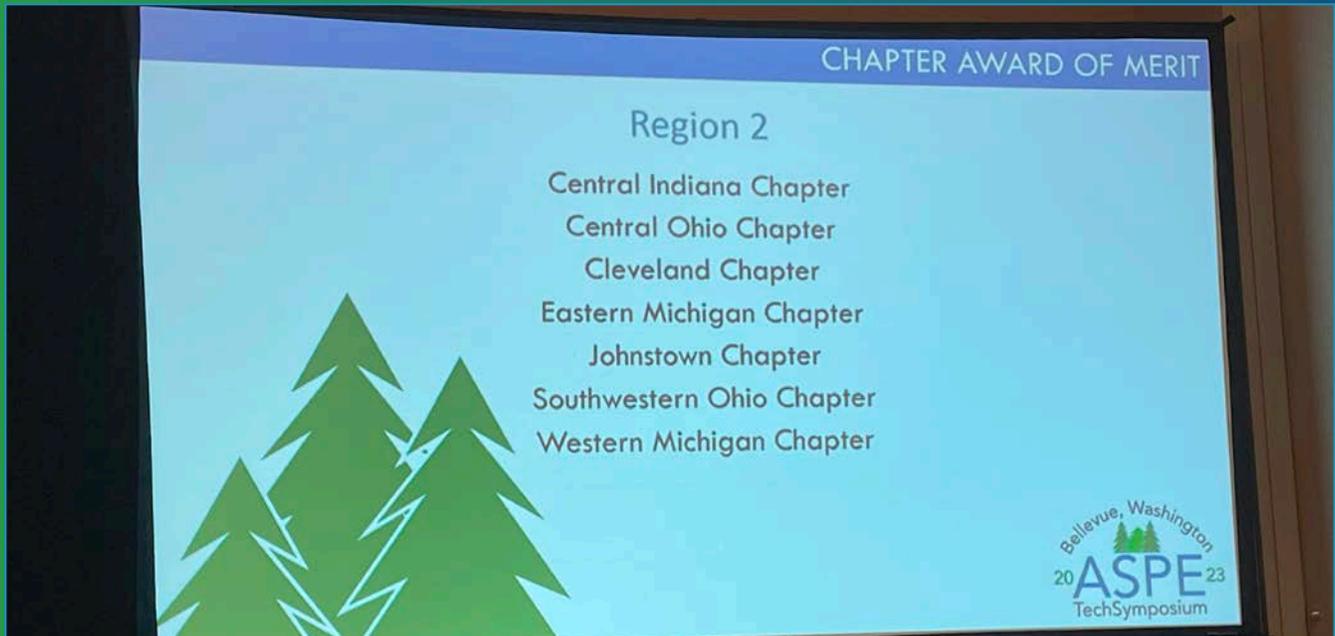
Thank You RL Deppmann for sponsoring our meeting!

OCTOBER MEETING PHOTOS



Thank You Sales Service Plus for sponsoring our meeting!

TECHNICAL SYMPOSIUM PHOTOS



Region 2 Award of Merit Winners - including Eastern MI Chapter!

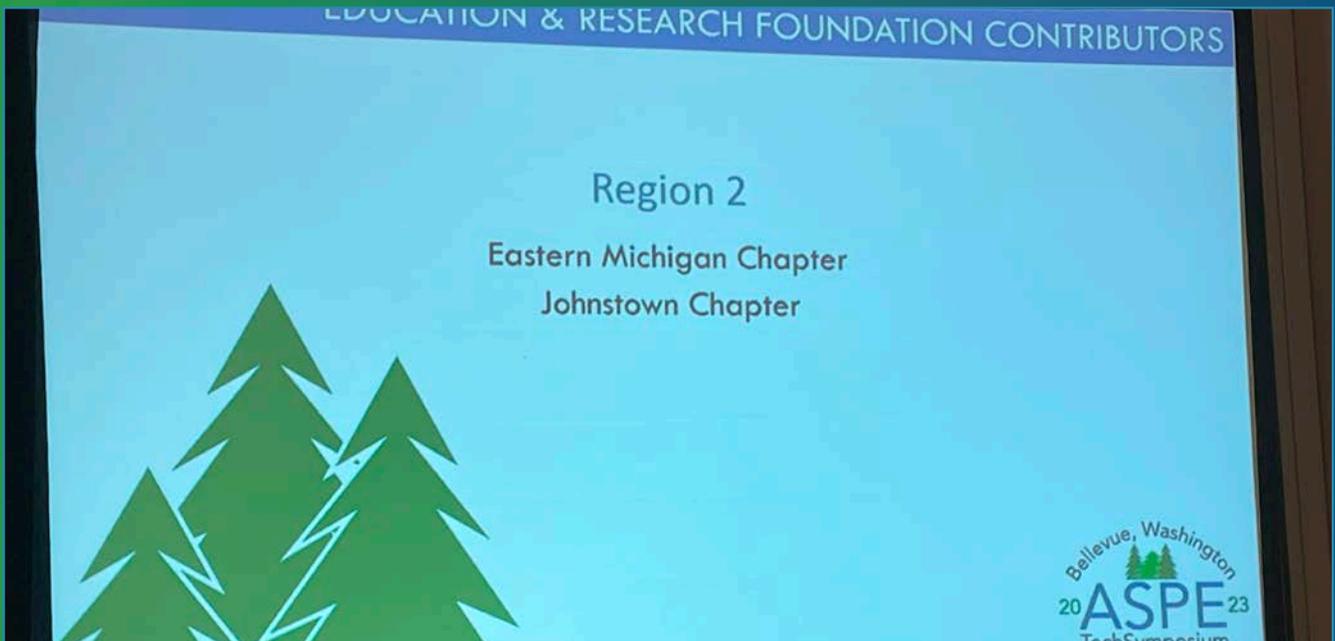


ASPE EMC Award of Merit Certificate

TECHNICAL SYMPOSIUM PHOTOS



Chapter Award of Merit certificates presented

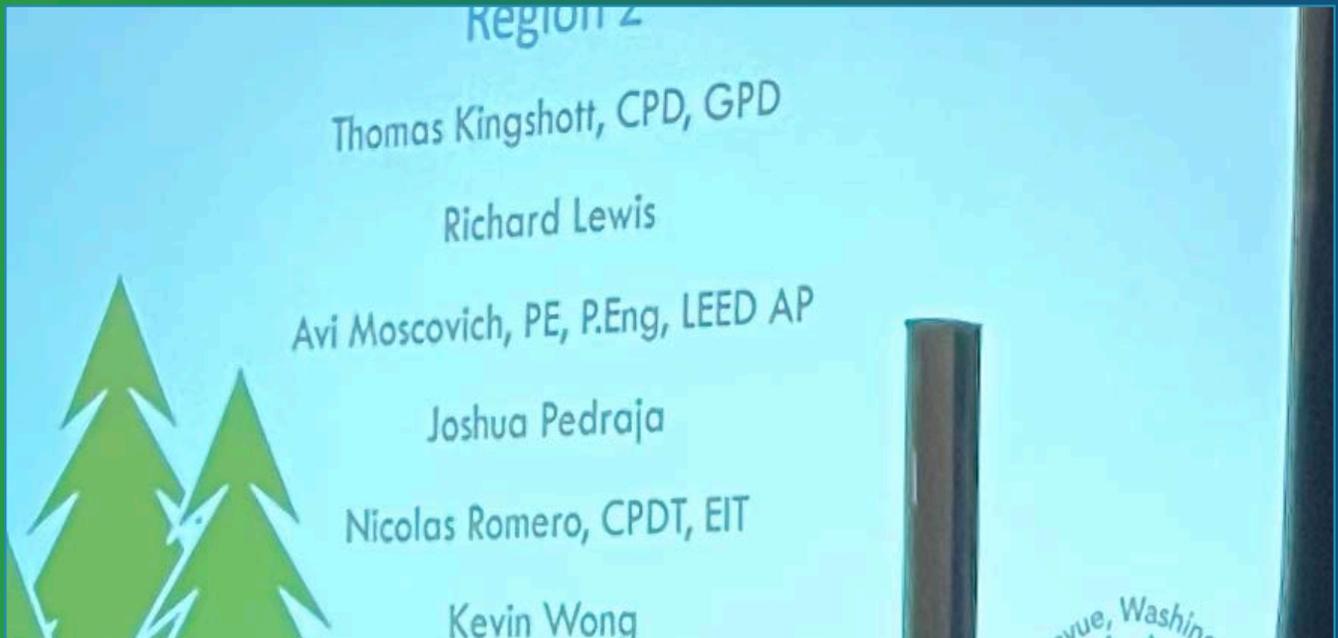


Region 2 Education and Research Contributor list

TECHNICAL SYMPOSIUM PHOTOS



Bill and Steve representing the chapters for the Education and Research Contributor category.

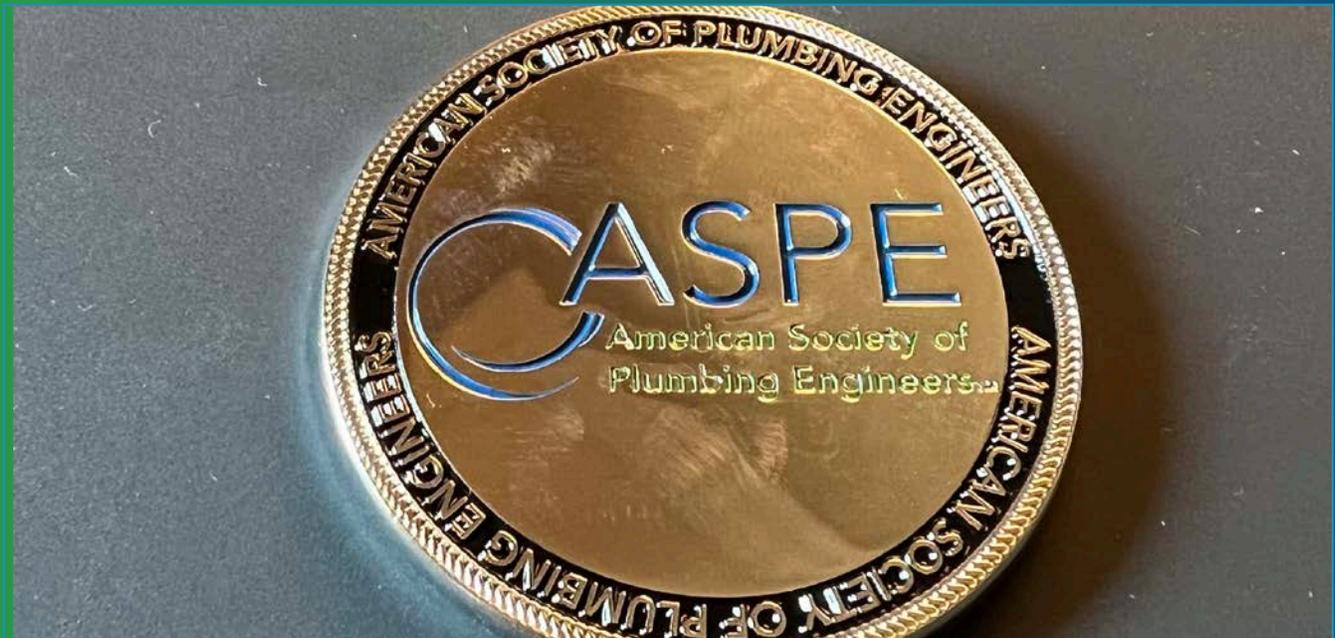


Region 2 list for Coin of Appreciation

TECHNICAL SYMPOSIUM PHOTOS



Certification of Appreciation - Josh Pedraja



Josh Pedraja - Coin of Appreciation

TECHNICAL SYMPOSIUM PHOTOS



Certificate of Appreciation - Affiliate member, Jessica Laming



EMC group picture

TECHNICAL SYMPOSIUM PHOTOS



Brianne Hall and Jessica Laming

TOPGOLF AUBURN HILLS: QuantumFlo Booster, Beeco RPZ, & Beeco Automatic Control Valve



GM Flint Assembly Plant: Hubbell Model EMV120-85-1.5SLA-A-XX Electric Tepid Water Heater



Velocity Boiler, Previously Crown Boiler

CRANE PUMPS & SYSTEMS

CRANE PUMPS & SYSTEMS



BOILERS & COMBINATION UNITS

RIELLO

Energy For Life

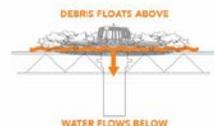


QUALITY WATER & AIR: (248)589-8010

MIFAB PRODUCT LINE



Distributed By: **MIFAB**



MAKE ROOF & SCUPPER DRAINS UN-CLOGGABLE

Click to see Operation Video!



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



New Century Sales, Inc.
Manufacturer's Representatives



COPPERPRESS® SYSTEM BENEFITS

- Size range from 1/2” to 4”
- Green visual application bands
- Consistent wall thickness on all products
- Leak before press systems
- Less equipment required
- Compatibility of fittings and tools

www.copperpress.com

Approvals & Certifications

- NFS ANSI/CAN 61
- UPC
- cUPC
- IPC
- IAPMO PS-117
- ICC-ES-PMG
- ASME B16.51



ISOTUBI USA

Stainless Steel Press Solutions

<https://isotubi-usa.com>

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

MegaPress® G

Press safer.
Press bigger.



Connected in quality.

Quick, safe connections on large diameter gas lines.

Viega MegaPress(R)G requires no open flames or added cost of fire watch, so projects are safer and more profitable. Installers can secure gas pipe up to 4" in 16 seconds or less, saving 60-90% on labor costs. That's why professionals choose MegaPressG - the trusted press connection method approved for gas lines ½" to 4".

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





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

 AMTROL Expansion Tanks www.amtrol.com	 BASCO Shower Doors www.bascoshowerdoor.com	 Bradley Washroom Solutions www.bradleycorp.com	 CALEFFI Hydronic Solutions Hydronic Accessories www.caleffi.com/usa/en-us	 COPPER PRESS ISOTUBI USA STAINLESS STEEL SOLUTIONS Plumbing Fittings www.copperpress.com www.isotubi-usa.com
 FAIRMONT designs Furniture Integration Bath Furniture www.fairmontdesigns.com	 FIAT PRODUCTS Specialty Products & Plumbing Fixtures www.fiatproducts.com	 General Wire Spring Company Sewer Cleaning Machines www.drainbrain.com	 genova PVC Products www.genovaproducts.com	 IBC Better Boilers www.ibcboiler.com
 MATCO NORCA Valves and Fittings www.matco-norca.com	 MYERS Water and Waste Pumps www.femyers.com	 Oasis Fiberglass & Acrylic Tub & Showers www.oasisbath.com	 OSIS Oasis Water Coolers www.oasiscoolers.com	
 OATEY SCS Supply Chain Services      www.oatey.com	 Panasonic USA Bath Fans https://na.panasonic.com/us/home-living-solutions/ventilation-indoor-air-quality/	 PEXGUN AUTOMATIC PEX PIPE TIE TOOL Pipe Installation Tools https://pexgun.com/		
 REHAU Unlimited Polymer Solutions PEX Plumbing Products www.rehau.com/us-en	 Rheem RUUD Water Heaters www.rheem.com www.ruud.com	 STRASSER woodenworks Bathroom Vanities & Cabinets www.strasserwood.com	 TURBOTORCH BRAZING Brazing & Soldering https://www.esabna.com/us/en/products/gas-equipment/brazing-and-soldering/index.cfm	
 StanleyBlack&Decker  DEWALT www.dewalt.com  IRWIN TOOLS www.irwin.com  LENOX www.lenoxtools.com		 LIXIL Link to Good Living  <i>American Standard</i> www.americanstandard-us.com  DXV www.dxv.com  GROHE www.grohe.us/en_us		

www.newcenturysales.com



KERR PUMP AND SUPPLY

12880 Cloverdale, Oak Park, MI 48237

248-826-9414 tpaichak@kerrpump.com www.kerrpump.com

Liquid Pumps
Vacuum Pumps
Heat Exchangers
Blowers
Related Equipment
and Accessories

Sales • Service • Repair



PENTAIR FIRE PUMPS AURORA®

Compact Fire Pump Systems

- UL Listed/FM Approved NFPA-20
- UL Listed/FM Approved Controller NFPA-20
- Capacities of 50-750 Gpm.
- Pressures of 40-160 Psi.

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/Electric Drive Fire Pump

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

Ask us about our Red-Hot Quick Shipping Program!

We test fire pumps for annual and acceptance requirements.



www.aurorapump.com

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



Pattons medical

Medical Air Systems*

- Oil-Less Scroll
- Oil-Less Reciprocating
- Oil-Free Rotary Screw
- Oil-Flooded Reciprocating Control & Instrument Air Systems



Medical Vacuum Systems*

- Contactless Claw
- Lubricated Rotary Vane
- Dry Rotary Vane



Medical Pipeline Products*

- Manifolds
- Alarms
- Zone Valve Boxes
- Outlets
- Lab Pipeline Equipment
- Accessories



* Meets or exceeds NFPA 99-2021 Edition Health Care Facilities Code

www.pattonsmedical.com

PERFORMANCE
engineering group



32995 Industrial Road, Livonia, MI 48150

Phone 734.266.5300 Fax 734.266.5310

www.performanceengineering.com

BRANDS WE REPRESENT



BRANDS WE DISTRIBUTE



Centrotherm



Intellihot



SINCE 1906
wessels
company

Natural Gas / Propane / Electric
85,000 to 10,000,000 BTU's
- ALSO -
Holby Thermostatic Mixing Valves



ETV *Platinum Plus*

ELECTRONIC TEMPERING VALVE



Designed for Critical Temperature DHW Application

- Maintains Set Point within +/- 2°F

Safeguard Against High Temperature Conditions

- Optional High Temp Limit Valve
- Alarm Output

Maintenance Free

- Stainless Steel Valve Body reduces Scale Buildup
- External Actuator Eliminates Gasket Maintenance



ETS AND ETS-LT

ELECTRONIC TEMPERING STATION

Pre-wired and Pre-Piped Assembly

- Contains ETV Platinum Plus
- Includes all Fittings, Isolation Valves

Wall Mounted and Floor Mounted

- Minimal Footprint
- Sizes from 3/4" to 4"



Conforms to the following:

ASSE 1017

California Lead Free Plumbing Law

CSA B 125.3 (NSF/ANSI 61 Section 8)



Major Lozuaway and Associates

Mike Ostrowski

1117 W. Grand Blanc Road

Grand Blanc, MI 48439

Phone: 810-287-6983

Email: moski@lozuaway.com

20 New Dutch Lane, Fairfield, NJ 07004

Phone: 973-575-4004

Fax: 973-575-4052

heat-timer.com

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

J.W. SALES, INC.

Manufacturers' Representative
 1570 E. Highwood
 Pontiac, MI 48340
 O: 248.745.8590 F: 248.745.0889
Thomas Huck: thomash@jwsalesinc.net
 C: 248-602-1575
Michael Fedorinchik: mikef@jwsalesinc.net
Jwsalesinc.net

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

KERR PUMP AND SUPPLY

Manufacturers' Representatives
 12880 Cloverdale
 Oak Park, MI 48237
 Ph 248 543-3880 Fax 248 543-3236
 Tyler Palchak: tpalchak@kerrpump.com
 Direct: 248-826-9414
kerrpump.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

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

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

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
Bill Campbell, PE: bill@lozuaway.com
 Mobile 810-287-0029

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

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

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

HS/BUY VAN ASSOCIATES, INC.

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

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

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

PROGRESSIVE PLUMBING SUPPLY

Wholesale Distributor
31239 Mound Road
Warren, MI 48092

Ph 586 756-8662 Fax 586 756-9077
ppsupplyco.com

Locations: Warren, Detroit, Mt. Clemens, and Oxford

TAGGART-KNIGHT GROUP

Manufacturers' Representatives
37686 Enterprise Ct.
Farmington Hills, MI 48331

Gary O. Taggart - gary@taggartknight.com
Scott Taggart - scott.taggart@taggartknight.com
Ph 248 553-4388 Fax 248 553-4653
info@taggartknight.com
taggartknight.com

QUALITY WATER & AIR, INC.

Manufacturers' Representative
1402 Souter
Troy, MI 48083

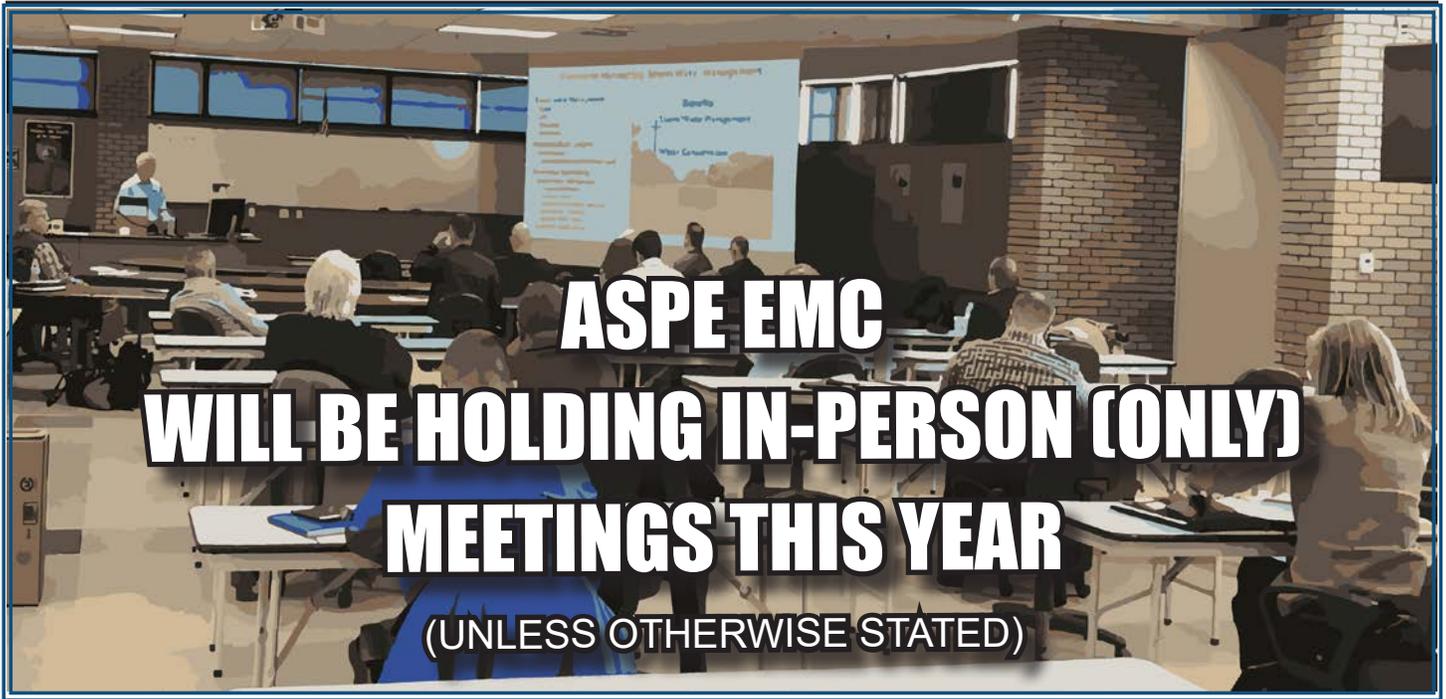
Georgann Kummer, WBE
Ph 248 589-8010 Fax 248 589-8016
qualitywaterair@cs.com
qualitywaterair.com

SERVICE SALES PLUS

"Service is our middle name"
45606 Mast Street
Plymouth, MI 48170
Ph 734-454-7620 Fax 734-454-7632
servicesalesplus.com



INCREASE
EXPAND
GROW
MULTIPLY



2023-2024 ASPE EMC Board

President

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

VP Technical

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

VP Legislative

Ryan Lyle
Director of Training PITC
1911 Ring Drive
Troy, MI 48083-4229
248-585-1435 ext. 122
Ryan.Lyle@ualocal98jatic.org

VP Membership

Josh Pedraja
Toledo, OH | Central USA
4610 Entrance Drive, Suite H
Charlotte, NC 28273
616-307-5968
joshpedraja.aspe@gmail.com

Education Chair

Kristin Simoneaux, P.E., CPD
2338 Coolidge Hwy. #100
Berkley, MI 48072
(248) 336-4760
kristin.simoneaux@stantec.com

Treasurer

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

Administrative Secretary

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

Corresponding Secretary/ VP Social Media

Josh Pedraja
Toledo, OH | Central USA
4610 Entrance Drive, Suite H
Charlotte, NC 28273
616-307-5968
joshpedraja.aspe@gmail.com

Chaper Affiliate/Liaison

Chip Bidigare
23350 15 Mile Rd.
Berkley, MI 48035
586-755-3110 x 5938
chip.bidigare@merloenergy.com

AYP Liaison

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

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

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

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

Dann Holmes
(248) 921-0582
buildingwaterhealth@outlook.com



SPONSOR ADVERTISING OPPORTUNITY INFORMATION

ASPE EMC News is published 9 times per year - September through May.

Yearly advertising for a Business Card ad, which also includes a full Line Card in our sponsors guide:
\$200.00 for members and \$250.00 for non-members.

Graphic Ads - Full Year (9 Issues): Quarter page - \$250.00 ○ Half page - \$350.00 ○ Full page - \$550.00

Checks should be made payable to ASPE EMC and mailed to: Rachel Gendich – Treasurer
c/o Strategic Energy Solution, 4000 W. Eleven Mile Rd., Berkley, MI 48072

Email all digital artwork to: Theresa Green, Newsletter Editor at: theresa.m.green@outlook.com

Circulation 260 - Distributed to: Engineers, Contractors, Inspectors, and other industry professionals in Michigan.

PAY FAST, PAY EASY
Secure Payments Accepted By

