

Cleveland Chapter of The American Society of Plumbing Engineers
December 2023

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From the President:



I would like to thank Dennis Whitelaw with Towle Whitney for being our guest speaker at the November Technical Meeting.

Please welcome our newest member to the Cleveland Chapter, Madison Morgan with 2BEngineering.

The December Technical Session will be on the topic, Piping Insulation Solutions, presented by William "Buddy" Combs with Knauf.

The December 13, 2023, Dinner Meeting will be held at Harry's Steakhouse located at 5664 Old Brecksville Road, Independence, Ohio 44131.

5:00 – 5:30 Chapter Board Meeting

5:30 – 6:00 Sign-In / Meet and Greet

6:00 – 6:30 Dinner

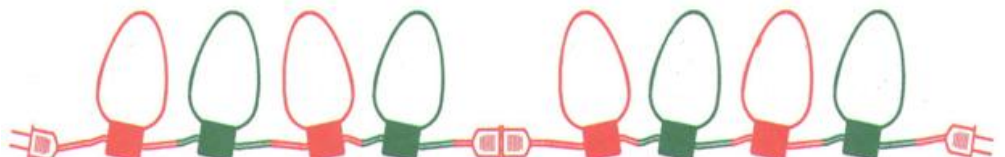
6:30 – 7:30 Presentation

7:30 – 8:00 Q & A / Vendor Display

Please RSVP by Noon on December 11, 2023, with Kevin Noble at knoble@sbmce.com. Dinner price is FREE. Dinner is sponsored by ASPE Cleveland Chapter. Please support your local chapter by attending. Please note, if you RSVP and are unable to attend, please cancel your reservation ASAP! Thank you for your cooperation.

Let us know if there are any specific topics you would like to see our chapter sponsor. We are always looking for new ideas. Remember, without membership and participation there is no local chapter.

Regards,
John A. Varga, P.E.
President, ASPE Cleveland Chapter



**2023-2024 ASPE Meeting/Plumbing Class Schedule
December 2023**

<u>Date – Time – Place</u>	<u>Topic</u>	<u>Speaker(s)</u>	<u>Exhibitors</u>
September 20, 2023 – 6:00 PM Cleveland Yachting Club	Clam Bake Topic – Social Event ASPE Cleveland Chapter	N/A	N/A
October 11, 2023 – 12:00 PM Midwest Spec Sales Cost: Free Compliments of Midwest Spec	Conserving Water & Energy: Electric Tankless Water Heaters	Matt Stewart - Chronomite	Midwest Spec
November 8, 2023 – 6:00 PM Harry's Steakhouse Cost: FREE	Booster Pump Systems – Reinventing the Mechanical Room	Dennis Whitelaw – President of Towle Whitney	Pinnacle Sales
December 13, 2023 – 6:00 PM Harry's Steakhouse Cost: FREE	Piping Insulation Solutions	William “Buddy” Combs Knauf Insulation Specifications Specialist	Knauf Insulation
January 10, 2024 – 12:00 PM Location TBD Cost: TBD	Transforming Wet Well Influent Pumping	Arjun Shanmugam of Industrial Flow Solutions/Stancor	Mastroianni & Associates, Inc.
February 7, 2024 – Time TBD Location TBD Cost: TBD	TBD	TBD	TBD
March 13, 2024 – Time TBD Location TBD Cost: Free	TBD	TBD	TBD
April 10, 2024 – Time TBD Cost: FREE	TBD	TBD	TBD
May 8, 2024 – Time TBD Location TBD Cost: FREE	TBD Chapter Board Elections	TBD	TBD

**2023-2024 ASPE Meeting/Plumbing Class Schedule
December 2023**

The above is the meeting/plumbing class schedule for the 2023-2024 ASPE year. Updated information will appear in subsequent newsletter issues. All meetings will be at Harry's Steakhouse, 5664 Old Brecksville Road, Independence unless otherwise indicated. The meeting/plumbing class, including dinner, is \$20.00 Unless noted otherwise. Reservations are required. A mini product show will be held before each meeting/plumbing class highlighting some of the materials discussed in class or products that will assist the engineer in understanding what they are designing or specifying. All plumbing classes will qualify for 0.1CEU hours and will assist in preparation for the ASPE CPD examination.

The following times will be enforced as strictly as possible.
Make your reservations a minimum of two days before the meeting/class and try to be on time.

Evening Seminars:

- Chapter Board Meeting 5:00 - 5:30 pm
- Sign-in / Meet and Greet / Vendor Product Displays 5:00 - 6:00 pm
- Dinner 6:00 - 6:30 pm
- Presentation 6:30 - 6:45 pm
- Vendor Product Displays 6:45 - 7:45 pm

Lunchtime Seminars:

- Mini Product Show 11:30 - 11:45 am
- Sign-In / Meet and Greet / Vendor Product Displays 11:45 - 12:00 pm
- Lunch 12:00 - 12:30 pm (Seminar to begin during lunch)
- Presentation 12:00 - 1:00pm



REGISTRATION OPEN

2024 BBS Code Update Training

In August 2023, the Board of Building Standards adopted the update to the Ohio Building, Mechanical and Plumbing Codes based on the 2021 International Code (I-Codes) with Ohio changes effective March 1, 2024. In preparation for implementation of the new codes, the Board has partnered the International Code Council (ICC), Ohio instructor Carl Lamping, and the National Fire Protection Association (NFPA) to offer trainings on the new codes.

Register here: [2024 Ohio Code Update Trainings](#)

ICC's 2021 International Building Code (IBC) & 2021 International Mechanical Code (IMC)/International Plumbing Code (IPC)/International Fuel Gas Code (IFGC) trainings will be offered both in-person and online and will focus on the transition from the current 2015-based codes to the 2021 editions. Additionally, ICC will present online training on 2021 International Energy Conservation Code (IECC) Essentials with ASHRAE 90.1 provisions.

Carl Lamping will present in-person training on the new 2024 Ohio Existing Buildings Code. This training will also be recorded and made available to view online after the in-person sessions.

NFPA will present online training on the 2023 NEC.

**NEC training sessions are limited to BBS certified personnel and fire officials.

In-person trainings will take place at locations in Central Ohio. These courses are open to building department personnel and the public, including contractors, builders and design professionals, except the 2023 NEC training.

DECEMBER 2023

December 8, 2023– 2024 Ohio Existing Building Code
December 18, 2023 –2015 - 2021 IBC Transition Course
December 19, 2023 – 2021 IMC/IPC/IFGC Transition Course
William F Green Building Auditorium
30 W. Spring Street
Columbus, OH 43215
Capacity 300
All classes begin at 9 am, registration at 8:30 am

JANUARY 2024

January 16, 2024 - 2024 Ohio Existing Building Code
January 18, 2024 - 2021 IBC Transition Course
January 19, 2024 - 2021 IMC/IPC/IFGC Transition Course

Ohio Department of Transportation
Lower Level Auditorium
1980 W. Broad Street
Columbus, Ohio 43223
Capacity 200
All classes begin at 9 am, registration at 8:30 am

ONLINE COURSES:

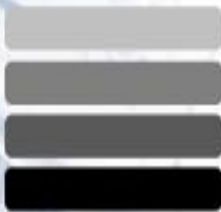
December 12, 2023 –2021 IBC Transition Course
December 13, 2023 – 2021 IMC/IPC/IFGC Transition Course
January 17, 2024 - 2021 IECC Essentials
January 22, 2024 - 2021 IBC Transition Course
January 24, 2024 - 2021 IMC/IPC/IFGC Transition Course
January 31, 2024 - 2021 IECC Essentials
All classes begin at 9 am.

2023 NEC Online Training**

November 28, 2023
December 6, 2023
January 9, 2024

**Limited to BBS certified personnel and fire officials.

This education series is funded by the three percent and one percent assessments collected on behalf of the Board by certified building departments from the construction industry. These funds help ensure that certified building department personnel have sufficient training and resources to provide a high level of service to our regulated community, reducing unnecessary costs and increasing compliance.



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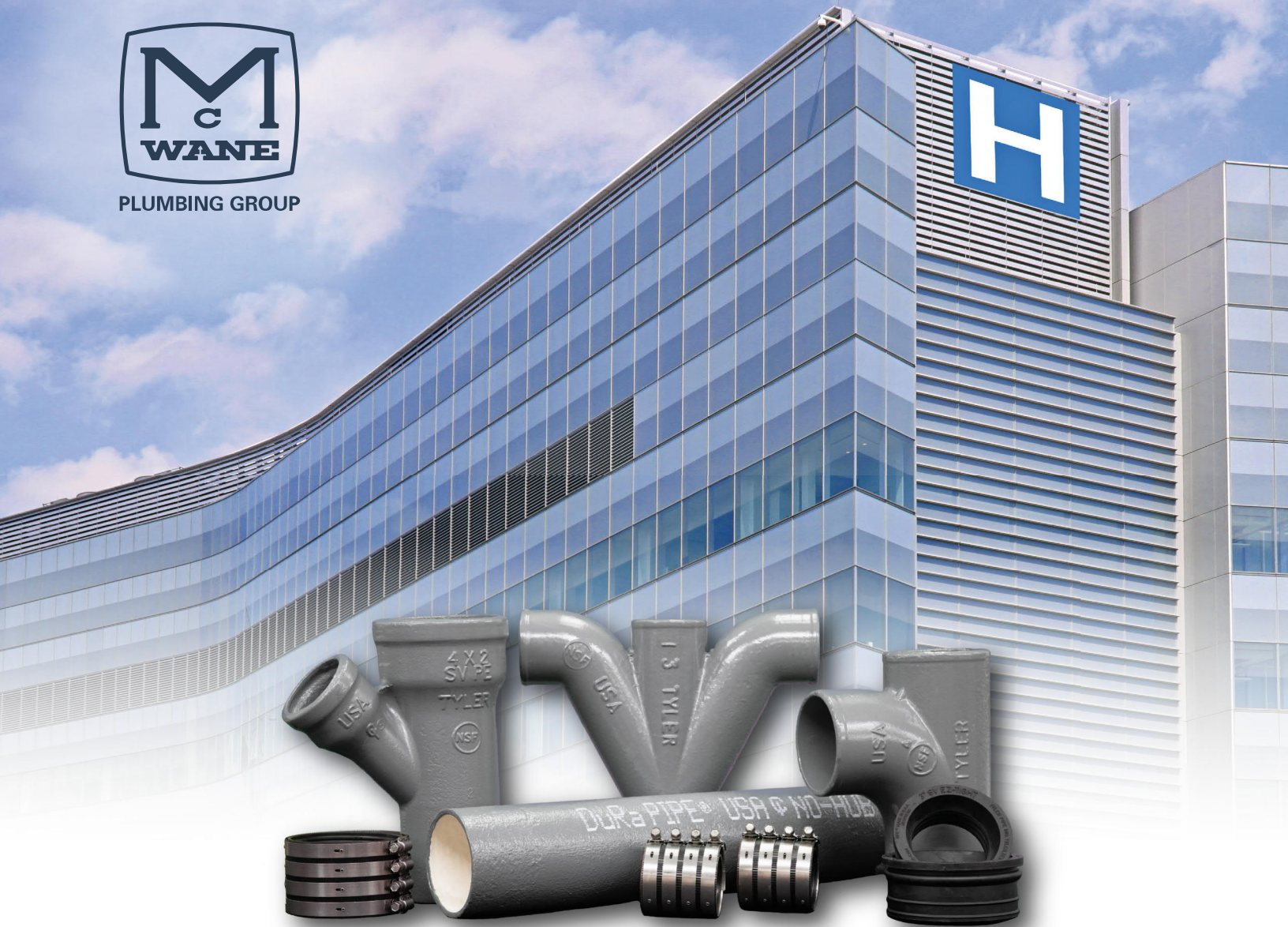
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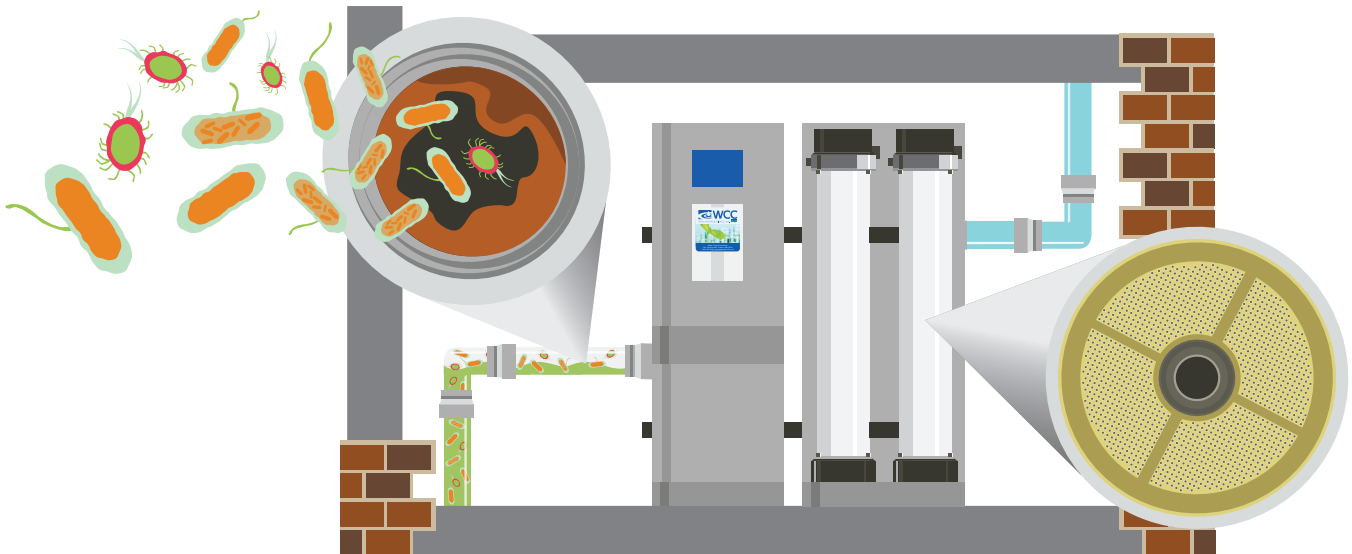
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Kemper Water Control www.kemperwatercontrol.com	Engineered <i>Flow Splitter</i> and <i>Balancing Valve</i> system technology for domestic water and Legionella mitigation solutions.
Liberty Pumps www.libertypumps.com	Sump, drain and condensate, utility, transfer, effluent and sewage pumps, <i>Omnivore</i> and <i>ProVore</i> grinders, <i>Accent II</i> macerating toilet system and engineered pump system packages.
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Plumberex www.plumberex.com	<i>Pro-Extreme</i> , <i>Trap Gear</i> , <i>Handy Shield Maxx</i> and <i>Clear Shield</i> lavatory trap and riser insulation kits. <i>Mushroom Flange</i> and <i>Floor Sink Carrier</i> specialty products.
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Schott Scientific Glass / Kimax http://www.us.schott.com/en-us/products/kimax	Glass piping for acid waste and containment piping systems. <i>Knight-Ware</i> acid neutralizing sumps.
Tight Seal Gasket www.tightsealgasket.com	Toilet & urinal setting with Innovative, flexible design, sticky, reusable, elastomer toilet & urinal gaskets. Compresses up to 50%. Will not break or become brittle. Allows movement without leaking.
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Water Control Corporation www.watercontrolinc.com	High Capacity Ultra-Filtration for Legionella & Pathogen control, rainwater reclamation systems with ultraviolet or ozone purification, high purity water systems, water softeners, water filters.
Waterless Company www.waterless.com	<i>Waterless</i> “No Flush” vitreous china and fiberglass urinals with <i>EcoTrap</i> and <i>Blue Seal</i> liquid, <i>UTC Sentinel</i> sensor flushing systems. <i>Everprime</i> floor drain traps primer liquid. <i>Greenleen</i> chemicals.
Xerxes www.xerxes.com	Fiberglass Water and Wastewater storage solutions. Water storage, grease, oil, solids interceptors, and double wall decontamination tanks.
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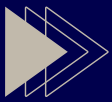
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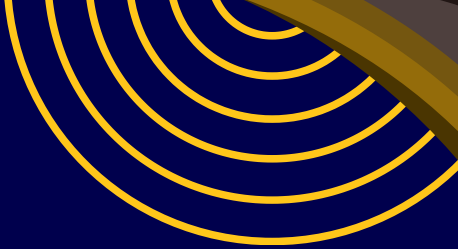
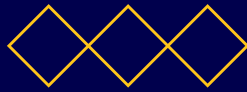

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Heat Xchanger - 5 yrs nonprorated

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Permanently welded to outer vessel

- ▶ Not removable
- ▶ Not serviceable
- ▶ Heat exchanger failure requires water heater replacement
- ▶ Not repairable
- ▶ Cleaning difficult, time consuming and costly
- ▶ Significant welded surface area increases the probability of failure

Modular Construction

- ▶ Fully removable heat exchanger
- ▶ Easily serviced in the field
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- ▶ Repairable
- ▶ Cleaning is quick and easy
- ▶ Minimal welded area reduces the probability of failure

PRIME Heat Exchanger

Top view





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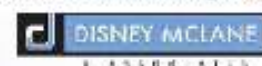
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