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Cleveland Chapter of The American Society of Plumbing Engineers November 2022

### From the President:



A special thank you to Kim Metzger with Disney McLane for hosting and being our guest speaker at the October Technical Meeting on the topic, Digital Mixing Valves.

Please welcome our newest member to the Cleveland Chapter; Katelyn Ragon with Western Reserve Pure Water.

The November Technical Session will be on the topic, Constructability and will be followed by a Fabrication Shop Tour, presented by S.A. Comunale Company.

The November 9, 2022 Lunch Meeting will be held at S.A. Comunale located at 2915 Newpark Drive, Barberton, Ohio 44203.

11:30 – 11:50 Chapter Board Meeting

11:50-12:00 Sign-In / Meet and Greet

12:00 – 12:30 Lunch during Presentation

12:30 – 1:00 Fabrication Shop Tour

Please RSVP by Noon on November 7, 2022 with Kevin Noble at <u>knoble@sbmce.com</u>. Lunch price is FREE. Lunch is sponsored by ASPE Cleveland Chapter. Please support your local chapter by attending.

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

### 2022-2023 ASPE Meeting/Plumbing Class Schedule November 2022

Data Tima Diasa	Tonio	Speaker	Exhibitoro
<u>Date – Time – Place</u> September 14, 2022 – 6:00 PM Cleveland Yachting Club	<u>Topic</u> Clam Bake Topic – Social Event ASPE Cleveland Chapter	Speaker N/A	Exhibitors N/A
October 12, 2022 – 12:00 PM Disney McLane	System Startup Procedures – Emergency Gas and Digital Mixing Valves	Kim Metzger – Disney McLane	Disney McLane
Cost: Free (Limit 30 people) November 9, 2022 – 12:00 PM S.A. Comunale	Constructability Fab Shop Tour immediately following	Representative from S.A. Comunale	N/A
<b>Cost: Free</b> December 14, 2022 – 12:00 PM Harry's Steakhouse	Boiler Room Gas Safety	Tony DeDionisio - AGS	Diversified Spec Sales
Cost: \$20 January 11, 2023 – 12:00 PM Harry's Steakhouse	NFPA 99 Medical Gas Systems Medical Gas Zone Valve Box Layout	Josh Pedraja – Pattons Medical	Pattons Medical
Cost: \$20) February 8, 2023 – 6:00 PM Midwest Spec	Polypropylene	Jim Devlin – Midwest Spec Sales	N/A
Cost: FREE! (Limit 25 people) March 8, 2023 – 6:00 PM Harry's Steakhouse	Siphonic Roof Drainage	Mifab Representative	Pinnacle Sales
Cost:\$20 April 12, 2023 – 6:00 PM Location TBD	Plumbing Code	TBD	N/A
Cost:\$20	Dhumbhing Code		D//A
May 10, 2023 – 6:00 PM Location TBD Cost:\$20	Plumbing Code This month we will be holding our Chapter Board Elections! Please show your support and attend to cast your vote!	TBD	N/A

### 2022-2023 ASPE Meeting/Plumbing Class Schedule November 2022

The above is the meeting/plumbing class schedule for the 2022-2023 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. 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:

٠	Chapter Board Meeting	5:00 - 5:30 pm
٠	Sign-in / Meet and Greet / Vendor Product Displays	5:00 - 6:00 pm
•	Dinner	6:00 - 6:30 pm
٠	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





### 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\*.

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Advance Thermal Corp.

Removable Insulation & Acoustic Covers

### Aerco

Commercial Condensing Boilers **Commercial Condensing Water Heaters** Indirect & Semi-instantaneous Heaters

### **Bell & Gossett**

**Balance Valves** Automatic Flow Limiting Manual Flow Limiting Pressure Independent Control Hydronic Specialties Expansion/Compression Tanks Centrifugal Pumps Base Mounted Close Coupled Double Suction Horizontal Split Case In-Line Multi-Stage Heat Exchangers Shell & Tube Plate Heat Exchangers Replacement Tube Bundles Heat Transfer Packages Pressure Booster Systems Submersible Pumps Variable Speed Systems Vertical Turbine Pumps

### Bobco

Differential Gauge Kits

### **Bock Water Heater**

Gas Fired Water Heater Electric Water Heater Oil Water Heater Indirect Water Heater Solar / Geo Thermal Water Heater Electric Point of Use Water Heater

#### **BoilerMag** Magnetic Filters

Basic System Chemical Solutions



### Cemline Corp.

ASME Tanks Boiler Blowdown Separators Condensate Coolers Hot Water Storage Heaters Packaged Water Heaters Replacement Tube Bundles Stone Steel Lined Tanks Unfired Steam Generators

### Danfoss

Greater Toledo Area Variable Frequency Drives Motor Soft Starters

Domestic Pump

Boiler Feed Systems Condensate Return Pumps Pressure Powered Pumps Vacuum Pumps

**Dow Heat Transfer Fluids** DOWTHERM<sup>™</sup> SR-1 Ethylene Glycol DOWFROST<sup>™</sup> HD Propylene Glycol

**Dri-Steem** Greater Toledo Area

Steam Injection Humidifiers Gas To Steam Humidifiers Steam To Steam Humidifiers Electric Steam Humidifiers Evaporative Humidifiers Ultrasonic Fog Humidifiers

### Duravent

Northern & Central Ohio High Performance Chimneys & Vents

### Goulds / G&L Commercial

End Suction Pumps Vertical Multi-stage Pressure Booster Systems Vortex Waste Water

### Griswold Controls

Automatic Balance Valves Manual Balance Valves Pressure Independent Control Valves Coil Hook-up Kits

### General Water Systems

Chemical Free Water Treatment Centrifugal Separators

### Hoffman Specialties

Steam Traps & Specialties Condensate Return Pumps Pressure Regulating Valves

Kadant Johnson Pressure Powered Pumps

### McDonnell & Miller

Boiler Safety Controls Level Controls Flow Switches

#### Metraflex Company

Flexible Pump Connectors Expansion Joints & Guides Non-slam Check Valves Ball & Butterfly Valves

Miljoco Pressure Gauges Thermometers Accessories

Niles Steel Tank Greater Toledo Area Glass Lined & Steel Storage Tanks

### NTI

Residential/Commercial Condensing Boilers Residential/Commercial Condensing Water Heaters

Peterson Equipment Co. Pressure / Temperature Test Plugs

### ProPak Solutions

Hot Water/Chilled Water Pump Skid Package Heat Transfer Skid Package Steam & Hydronic Boiler Skid Package Air Cooled Chiller Skid Package Water Heater Skid Package Snowmelt Skid Package Domestic Pressure Booster Package



P\/I

NEW PRODUCT

### Northern & Central Ohio

Gas Fired Water Heaters Steam Fired Water Heaters Multiple Energy Water Heaters Oil & Oil/Gas Water Heaters Storage Tanks Water Quality **Digital Mixing Valves** 

Rovanco Pre-insulated Pipe **Containment Pipe** 

**Tower Tech Cooling Towers** 

High Efficiency Cooling Towers **HVAC** Cooling Towers Process Cooling Towers Power Generation Cooling Towers

### Vertiflo

Pedestal Mount - Sump Pumps **Base Mounted Pumps** Vertical Pumps

### Webster Engineering

Greater Toledo Area Single & Dual Fuel Burners Landfill Gas Burners High Turndown Burners Temp-A-Trim: Air Density Control System

### Wessels Company

ASME & Glass Lined Storage Tanks Glycol Fill Systems **Engineered Tanks** 

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Conquest<sup>®</sup> condensing, gas-fired water heaters are constructed from AquaPLEX<sup>®</sup> 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.

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### Line Card - November 2019



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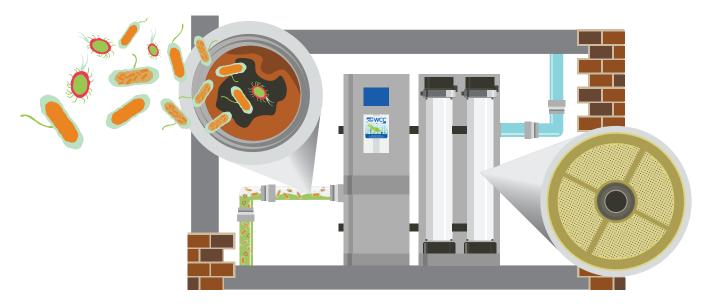
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Manufacturers' Representatives Serving Plumbing, Mechanical, Electrical, Architectural and Water Treatment Industries. Representing the following product lines:

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ABT – Polydrain www.abtdrains.com	Pre-sloped polymer trench drains, <i>Trench Former</i> – pre-sloped trench drains systems.
Apollo Flow Controls / Elkhart Products www.apolloflowcontrols.com www.elkhartproducts.com	<i>Conbraco Apollo Flow Control</i> backflow prevention products and <i>Elkhart Products</i> wrot copper tube fittings, cast fittings and EPC engineered push-fit fitting brands include <i>TECTITE</i> and <i>CopperLOC</i> .
Bradley Corporation www.bradleycorp.com	<i>Washbar</i> all in one hand washing stations, washfountains, <i>Express</i> and <i>Frequency</i> lavatory systems, <i>Navigator</i> thermostatic mixing valves, showers, safety equipment, metering faucets, patient care units, <i>Terreon</i> solid surface products, <i>Evero</i> natural quartz products.
Cool Drain Flow www.cooldrainflow.com	Drain Line Tempering Kits for commercial kitchen equipment, boiler blow down drain lines, condensate return, heat exchanger and dehumidifier lines to temper drain water below 140 deg F.
Creative Industries www.creative-terrazzo.com	Pre-cast terrazzo shower floors, mop basins, concrete laundry tubs and stairs or benches, terrazzo or concrete or glass counter tops and custom terrazzo products.
Eemax www.eemax.com	Electric Instantaneous water heaters, DI and booster heaters, emergency shower eyewash heaters, <i>AutoBooster</i> hot water tank booster system.
Hydrotek www.hydrotekintl.com	Sensor operated flush valves and faucets available in both battery and AC options.
Just Manufacturing www.justmfg.com	Stainless steel commercial, institutional & residential sinks and scrub sinks. <i>CuVerro</i> copper antimicrobial sinks.
Keltech www.Keltech-inc.com	Electric Instantaneous water heaters. (A subsidiary of Bradley Corporation)
Kemper Water Control www.kemperwatercontrol.com	Engineered <i>Flow Splitter</i> and <i>Balancing Valve</i> system technology for potable 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.
Marlo www.marlo-inc.com	Commercial & industrial water softeners, media filters, reverse osmosis, dealkalizers, deionized and EDI electro-deionized water treatment equipment.
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# Don't Manage the Symptoms. Control the Cause!



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### Happy Thanksgiving!!

- A Little History -

In 1621, after a hard and devastating first year in the New World the Pilgrim's fall harvest was very successful and plentiful. There was corn, fruits, vegetables, along with fish which was packed in salt, and meat that was smoke cured over fires. They found they had enough food to put away for the winter.

The Pilgrims had beaten the odds. They built homes in the wilderness, they raised enough crops to keep them alive during the long coming winter, and they were at peace with their Indian neighbors. Their Governor, William Bradford, proclaimed a day of thanksgiving that was to be shared by all the colonists and the neighboring Native American Indians.

The custom of an annually celebrated thanksgiving, held after the harvest, continued through the years. During the American Revolution (late 1770's) a day of national thanksgiving was suggested by the Continental Congress.

In 1817 New York State adopted Thanksgiving Day as an annual custom. By the middle of the 19th century many other states also celebrated a Thanksgiving Day. In 1863 President Abraham Lincoln appointed a national day of thanksgiving. Since then each president has issued a Thanksgiving Day proclamation, usually designating the fourth Thursday of each November as the holiday.



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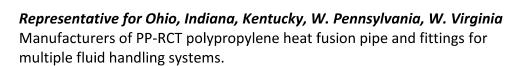
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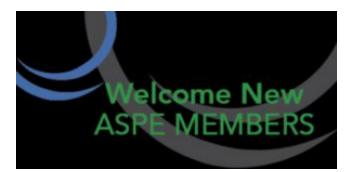
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