

## November 2020

### President's Report

Hello to all ASPE Members and friends,  
The Region 2 Chapter presidents had their first, monthly conference call with Steve J. Kormanik, CPD, GPD, our new Region 2 Director from Johnstown PA.

Mark your calendars - Dec. 1-3, 2020 for the 2020 ASPE Digital Experience. The plans are for a "Virtual" Product Expo and a series of Educational sessions.

Looking forward to our "Virtual" meeting next Monday, Nov. 9.

Please start to think about future meetings;

- Would you like to start in-person meetings in January?
- Meeting might need to be limited to the first 40 or so people (at Spaghetti Warehouse).
- We are considering a Hybrid where some of us can meet together but others can join remotely.

We may need to search for a new location with a larger meeting room.

Please reply to me with any reactions to, or questions about the statements listed above.

Of course, all our planning will be just "penciled in" for a while. We are planning for on-line meetings at least from now until Christmas.

Also, start thinking about the elections next May. I will not be running for re-election due to term limits. Please consider joining our Board of Directors. We need some new (younger)

blood rather than just "shuffling the deck" with the same board members.

Hope you can stay busy without being crazy-busy.

Stay safe and keep your "Social Distance". I was exposed recently and have been tested. The results aren't back yet.

*Bill Deardurff*

President

### November WebEx Technical Presentation

**November 9th, 2020**

**12:00 PM—1:00 PM**

**Free— members; \$25.00— non-members**

**SUBJECT: Electric Tankless Heater  
Design Application and Pitfalls**

**SPEAKER: David Tvergyak,  
Hubbell Water Heaters**

David Tvergyak has a B.S. in Mechanical Engineering from Grove City College and has worked within the heating and control space since 2005. He began in the industry as a sales application engineer for one of the leading manufacturers of electric heating and control components. From there worked in roles ranging from Sales Engineer up to District Sales Engineering Manager prior to joining Hubbell Heaters in 2017 as a Regional Sales Manager.



**NIBCO**<sup>®</sup>  
presssystem<sup>®</sup>

# FIND YOUR FIT

**Choose from Over  
600 Press Valve SKUs,  
the Largest Offering  
in the Industry**

- Options ranging from ½" – 4"
- Select from over 65 different valve configurations
- Our total system – valves, fittings and tools – comes with unparalleled service
- Experience the best customer service in the industry – as judged by our customers

**FIND YOUR FIT AT  
[NIBCO.COM/PRESS](http://NIBCO.COM/PRESS)**

Amanda Miller | Area Sales Manager  
614.634.2516 | millera2@nibco.com

Paul Figuly | Assistant Regional Manager  
216-402-7056 | figuly@nibco.com

Aaron Kilburg | Commercial Sales Manager  
331-262-0868 | kilburga@nibco.com

## VP Technical—Mike Nickoson

The November presentation will be on Tankless Electric Domestic Water Heating. This course will highlight technology and product differences across the industry for electric tankless water heaters, including components, operation, and system impact. By better understanding how the products work, we can specify them more accurately and avoid field failures from misapplication.

The speaker for the presentation is David Tvergyak with Regional Sales Manager Hubbell Water Heaters. David Tvergyak has a B.S. in Mechanical Engineering from Grove City College and has worked within the heating and control space since 2005. He began in the industry as a sales application engineer for one of the leading manufacturers of electric heating and control components. From there worked in roles ranging from Sales Engineer up to District Sales Engineering Manager prior to joining Hubbell Heaters in 2017 as a Regional Sales Manager.

As a reminder, in order to attend this online meeting, **you must register for this webinar through the ASPE website** with the URL sent to your in response to Hanse's RSVP email.

*Mike Nickoson*

Vice President Technical

# AT LAST - IT'S ARRIVED!

## Just what you've been waiting for!



Independent third-party performance verification under a US test protocol for a Physical Water Conditioner - the alternative to the conventional water softener.



- AT LOW COST  
(You can't afford not to treat hard water anymore)
- ZERO PLANT ROOM FOOTPRINT  
(Attaches to the wall or to pipe work)
- ZERO SERVICING  
(No Salt)
- ZERO MAINTENANCE  
(Which means it is 100% reliable)
- WARRANTED FOR 20 YEARS

### Case Study: Panorama Towers, Las Vegas, NV.

Cost to install: \$55,000 ✓  
Savings over conventional softener in year one: \$168,000 ✓  
Estimated 3-year savings: \$500,000 ✓  
Annual Running Costs: \$200

Download the Engineer's  
Specifier Guide from  
[www.aqua-rex.com](http://www.aqua-rex.com)

Scale Down. Soften Up.

[aqua-rex.com](http://aqua-rex.com) 877-640-2170

# AQUA REX



### TEST REPORT

5001 E. Philadelphia Street  
Ontario, California - USA 91761 - 2816  
Ph: 909-472-4100 | Fax: 909-472-4243  
<http://www.lapmortl.org>

Report Number: 2536-18001-002 Project No.: 20225  
Report Issued: February 26, 2018.  
Client: Aqua-Rex  
3301 Spring Mountain Road Ste 18  
Las Vegas, NV 89102 Contact: Jonny Seccombe  
Source of Samples: The samples were shipped to LAPMO R&T Lab from Aqua-Rex, and received in good condition on October 11, 2017.  
Date of Testing: October 25, 2017 through December 15, 2017.  
Sample Description: Scale Prevention Device, model: Aqua-Rex WK1-E.  
Scope of Testing: The purpose of the testing is to determine the efficacy of the Scale Prevention Device per section 5 of LAPMO IGC 335-2018, entitled "Rapid Scaling Test for Scale Prevention Devices".  
CONCLUSION: When tested per Section 5 of LAPMO IGC 335-2018, Aqua-Rex WK1-E reduced scaling by 83% when applied to Las Vegas water heated to 180°F.

Tested by,

Reviewed by,

*Hank Nink*  
Hank Nink, Project Engineer

*Sean Vun*  
Sean Vun, P.E., Manager, Specialty Projects

## VP Legislative—Mike Spengler

### International Code Council Launches New Digital Tools for the Building Industry

The Code Council will introduce new digital solutions to help building safety professionals innovate, collaborate efficiently, and become more effective in the workplace. “The obstacles we’ve faced this year have proven the immense value of digitization,” said Code Council CEO Dominic Sims, CBO. “The Code Council is dedicated to providing advanced solutions for building safety professionals as outlined in our Vision 2025 Strategic Plan.”

Click on the link to see an overview of the new [Digital Codes Premium Complete product](https://codes.iccsafe.org/premium-features), a comprehensive online codes and standards database with new features and all-access model for content and tools.

<https://codes.iccsafe.org/premium-features>

### NSF/ANSI/CAN 61 Publishes Plumbing Standards Revision

Newly published changes to NSF/ANSI/CAN 61, the drinking water product standard required in the United States and Canada, further restrict the amount of lead that can leach from plumbing products, NSF International has announced.

The significantly more rigorous requirements were approved after nearly three years of exploring various testing methods to reduce lead leaching from endpoint devices that dispense drinking water, as well as from other plumbing components.

The more stringent pass/fail criteria for certification to the standard will require the maximum amount of lead leaching to be reduced from 5 micrograms ( $\mu\text{g}$ ) to 1  $\mu\text{g}$  for plumbing endpoint devices that dispense drinking water such as

*(Continued on page 6)*

## A GROWING FAMILY FOR A GROWING WORLD



### Introducing the Ultra Force® XL

The State Ultra Force® family of commercial water heaters is now **BIGGER THAN EVER** with the addition of the new Ultra Force XL. The XL model extends the Ultra Force family's input range up to 1 million BTU/h while maintaining a compact footprint. Built to meet most critical load requirements, the Ultra Force XL delivers superior performance and the ease of installation Ultra Force water heaters are known for.



iCOMM remote monitoring  
Up to 97% Thermal Efficiency



Represented in Ohio by



# Brigade®

## Gas Condensing Dynamic Water Heater

A breakthrough in smart design, PVI's Brigade commercial water heater delivers reliable hot water for demanding commercial applications. Brigade's high efficiency, durability and compact footprint will help facility managers ensure their buildings have a long-lasting domestic water heater that saves on space and operating costs.

### Longer Service Life

Brigade is constructed from PVI's AquaPLEX® duplex stainless steel alloy, which is inherently resistant to corrosion and requires no tank lining or anodes. While glass-lined tanks are prone to erosion and pre-mature failure, Brigade's AquaPLEX construction eliminates the typical three to four-year replacement cycle common for water heaters in demanding commercial applications.

### Ultra-Compact Footprint

Brigade easily fits through a standard doorway and takes up only three square feet, making it ideal for both retrofit and new construction projects. A 25-gallon buffer help absorb demand spikes while maintaining outlet temperatures, and 7:1 burner turndown precisely matches BTU input to flow rates. Installation of the Brigade is simple with all connections conveniently located at the top of the unit.



**Mfr Rep:**  
**Omar McDowell Co.**  
**(440) 808-2280**  
**[craig@omarmcdowell.com](mailto:craig@omarmcdowell.com)**



### Lower Operational Costs

Brigade's burner modulation and condensing design allow a thermal efficiency range of 95% to 99% with low standby losses. Touch screen electronic control with user friendly status and diagnostics help to ensure smooth operation.

### Key Features and Specs

- 199 MBH
- Up to 99% thermal efficiency
- 7:1 Turn Down Ratio with spark ignition
- 15" wide x 26" deep x 76" tall
- 25 gallons buffer
- 227 gallons per hour from 40°F to 140°F
- 185°F maximum water temperature setpoint
- Constructed of AquaPLEX duplex stainless steel
- 6-year full vessel warranty

Contact your PVI sales representative to discuss how Brigade could fit into your next project.

Hot Water Solutions

PVI Industries • 3209 Galvez Avenue • Fort Worth, TX 76111  
USA: T: (817) 335-9531 • Toll Free: (800) 784-8326 • [PVI.com](http://PVI.com)

(Continued from page 4)

faucets, and from 3 µg to 0.5 µg for other plumbing components such as connector hoses and small shutoff valves. Inline mechanical devices and other product categories under NSF/ANSI/CAN 61 are not subject to the new requirements.

Under the new standard requirements, certification of applicable products to the more stringent lead leaching criteria is optional for the next three years to allow manufacturers time to comply. On January 1, 2024, all products will be required to meet the stricter requirements.

Products certified to the standard's new criteria will be required to indicate compliance on their product literature and/or packaging to enable schools and consumers to easily identify products with the reduced lead leaching limits.

<https://www.nsf.org/news/plumbing-standard-revisions-tighten-lead-leaching-criteria-drinking-water>

## Ohio Board of Building Standards Storm Shelter Moratorium

The Board of Building Standards has updated its BBS Memo regarding the moratorium for storm shelters in Group E occupancies to include the following:

*September 2020 Update: HB 164 adopted by the Ohio General Assembly on June 11, 2020, amended R.C. 3781.1010 to extend the storm shelter moratorium to November 30, 2022.*

If you have questions related to information contained in the Memo, please contact the Board's technical staff at 614-644-2613 or at [bbs@com.state.oh.us](mailto:bbs@com.state.oh.us)

## ASHRAE Introduces Updated Reopening Guide for Schools and Universities

(Continued on page 7)

**Introducing the next generation of piping systems for commercial plumbing**  
Engineered for Potable Water and HVAC Systems

**Asahitec™**  
PP-RCT Piping Systems

**ASAHI/AMERICA®**  
Your Experts in Plastics™

**Won't Rust · Lighter · Easier, Faster and Safer Welds · Better Flow Rates · Less Heat Loss**

**Asahitec™**  
PP-RCT Plumbing and HVAC Piping Systems  
**Engineering Design Guide**

**FREE ENGINEERING DESIGN GUIDE**  
Order one today!

To learn more about Asahitec™ PP-RCT, request a Free Engineering Design Guide or schedule a FREE lunch and learn at your office  
Contact Asahi/America at:  
[www.asahi-america.com](http://www.asahi-america.com)  
[asahi@asahi-america.com](mailto:asahi@asahi-america.com)  
1-800-343-3618

**Let us buy you lunch!**  
**LUNCH AND LEARN**  
Request a **FREE** ASPE certified presentation

- At your office
- Earn CEU & PDH credit

(Continued from page 6)

The ASHRAE Epidemic Task Force has developed guidance on the operation of HVAC systems to help mitigate the airborne transmission of SARS-CoV-2 as schools prepare to reopen for the fall academic year.

The 41-page Presentation includes convenient checklists to prepare educational buildings to resume occupancy such as starting up HVAC systems as well as checks and verifications to maintain during the academic school year. The guidance is meant to provide practical information to school districts and university campus environmental health managers, facility managers, administrators, technicians, and service providers.

- The guide includes the following topics:
- Determining Building Readiness
  - Equipment & System Specific Checks & Verifications During the Academic Year
  - New/Modified Facility Design Recommendations
  - Filtration Upgrades
  - Operations of Occupied Facilities
  - Controlling Infection Outbreak in School Facilities
  - Higher Education Facilities Recommendations

Also included is guidance formulated to help designers retrofit and plan for the improvement of indoor air quality and to slow the transmission of viruses via the HVAC systems as well as new guidance on student health facilities, laboratories, athletic facilities, residence halls, and large assemblies, lectures, and theaters.

For the complete ASHRAE Epidemic Task Force school reopening guide and other COVID-19 resources, visit [ashrae.org/COVID-19](https://www.ashrae.org/COVID-19).

*Mike Spengler*  
Vice President Legislative

**BWA SOUTH**  
Manufacturer's Representative of  
quality plumbing products since  
1956

**ZURN**  
**ASI GROUP**  
PARTITIONS  
ACCESSORIES  
LOCKERS

**WILKINS**  
a ZURN company

**IPS CORPORATION**

**ZURN**  
GreenTurtle

**WILLOUGHBY**

**Rheem**  
The new degree of comfort.®

**CHARLOTTE**  
PIPE AND FOUNDRY COMPANY

**NIAGARA**

**IDEAL**

**Green Drain™**  
Waterless Trap Seal for Floor Drains

**cd**  
comfortdesigns

**SW STERN-WILLIAMS**

**BrassCraft®**

**ELKAY**

**BASCO**  
SHOWER ENCLOSURES

Visit us at [WWW.BWASOUTH.COM](http://WWW.BWASOUTH.COM)

# TRITON™ NO-BRAINER Test

Which Water Heater Would You Rather Spec  
For Your Next Commercial Project?

<b>A.</b>	<b>B.</b>
<input type="checkbox"/> <i>External Leak Detection</i>	<input type="checkbox"/> <i>Built-In Leak Detection</i>
<input type="checkbox"/> <i>3:1 Modulation</i>	<input type="checkbox"/> <i>Built-In Leak Prevention System</i>
<input type="checkbox"/> <i>Condensate Neutralizer (Accessory)</i>	<input type="checkbox"/> <i>Automatic Shut-Off Valve</i>
<input type="checkbox"/> <i>Remote Diagnostic Alerts</i>	<input type="checkbox"/> <i>Built-In Smart Monitoring Technology</i>
<input type="checkbox"/> <i>BMS Connectivity (Accessory)</i>	<input type="checkbox"/> <i>ASME-Grade Steel Heat Exchanger</i>
	<input type="checkbox"/> <i>Integrated BMS Connectivity/ BACnet MS/TP</i>
	<input type="checkbox"/> <i>Built-In Condensate Neutralizer</i>
	<input type="checkbox"/> <i>Easily Replaces Any Brand</i>
	<input type="checkbox"/> <i>Full Modulation</i>
	<input type="checkbox"/> <i>Tank Life 5 Years Longer</i>



## It's A No Brainer... Spec Triton.™

If you chose B, congratulations - you just chose the one that lasts five years longer, with built-in smart monitoring technology that detects and prevents water heater problems before they occur.

**By the way, A is the other guy.**



Order Triton Today - Contact BWA South

[www.Rheem.com/Triton](http://www.Rheem.com/Triton)



TRITON™

## VP Education—Brad Fitzsimmons

### ASPE Book of the Month

Through November 30, 2020, you can purchase the PDF version of *Pharmaceutical Facilities Plumbing Systems* for 35% off the regular member price. Just enter coupon code **givethanks** when you check out.

The fine print:

- Discount is only available for ASPE members.
- Discount can only be used on the PDF version of publications.
- If purchasing multiple items, the discount will be applied only to the assigned publication.
- The coupon code can only be used once. The coupon code cannot be used on top of the Chapter Officer discount.

Check [ASPE Pipeline](#), social media, and your inbox for news of upcoming Book of the Month discounts.

### Upcoming Webinar – Electric Tankless Water Heater Design, Application and Pitfalls Webinar

November 19, 2020 2:00 PM (EST)

This course will highlight technology and product differences across the industry for electric tankless water heaters, including product level components, operation, and system impact. By better understanding how the products work, we can specify them more accurately and avoid field failures from misapplication.

#### Content Outline:

- Variations in tankless designs across the market – 20 minutes
- How do the variations impact product performance – 20 minutes
- Potential pitfalls of designs based on application – 10 minutes

Application considerations and product specification – 10 minutes

#### Learning Objectives:

Upon successful completion of the course learners will be able to:

- Understand operation and component requirements of electric tankless water heaters
- Explain the operation differences between designs in the market and what is the impact to the system and installation from these differences
- Avoid misapplication of tankless products leading to longer product life in the field.
- Identify the impact of component options of these products on acceptable applications and where different configurations are acceptable to use

(Continued on page 10)



**Shane Hall**  
Cell 304-416-5304  
[shall@mwspec.com](mailto:shall@mwspec.com)  
Office 800-755-7732

---

Plumbing Lines



Heated Backflow Enclosures



Trench Drain Series



Acid Waste Tanks & Grease Traps



---

Plumbing or Heating Lines



Commercial Heat Tracing System



---

Valves, Fittings & Accessories



(Continued from page 9)

Appropriately specify tankless designs based on application and demand

The webinar is being held on November 19 at 1 pm CDT and awards 0.1 CEUs for participation. This webinar is sponsored by Hubbell Water Heaters and they will receive the names and email addresses of registered attendees from the live broadcast.

Pricing:

ASPE Members - Free  
Nonmembers - \$130

### **ASPE Read Learn Earn**

Every month ASPE publishes a new 12-question quiz with an accompanying chapter or

article from one of our publications. Each quiz is available for twelve months. Each quiz is free for ASPE Members and \$35 for nonmembers. Through this special series, ASPE can help you accumulate the CEUs required for maintaining your Certified in Plumbing Design (CPD) or Certified Plumbing Design Technician (CPDT) status or numerous regulatory-agency CE programs.

November – Solar Energy Systems

Visit <https://education.aspe.org/RLE> to register

*Brad Fitzsimmons*

**Vice President Education**

MegaPress®G  
Press safer.  
**Press  
bigger.**



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".

**Carl Petitt**  
(614) 852-2691  
carl.petitt@viega.us

**Bill Lynch**  
(614) 560-1099  
bill.lynch@viega.us

Connected in quality.



# **BOCK** WATER HEATERS



**Steffens-Shultz, Inc**

Fluid Technology Specialists Since 1951

525 Industrial Mile Road, Columbus, Ohio 43228

Office: 614-274-5515 — quotes@steffens-shultz.com

## **OPTiTHERM**

*Up to 99% Thermal Efficiency by Modulating Fuel Input to Supply Variable Domestic Hot Water Demand*



## **EZFIT**

*Atmospheric Commercial Gas Water Heaters that Easily Replace Any Competitive Heater*



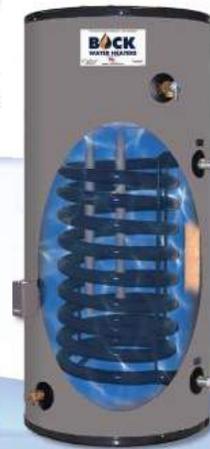
## **Oil-Fired**

*#1 Selling in North America – The BOCK® 32E Leads the Industry in Energy Efficiency with a .63 EF Rating and 170 Gallons First Hour Delivery*



## **InDirect**

*Indirect Water Heaters that Use Your Existing Boiler System for an Efficient Way to Provide Hot Water to Your Home or Building*



*OptiTherm, EzFit, & Oil-Fired Water Heaters Carry a Five-Year Limited Tank/Heat Exchanger Warranty - The Industry's Finest InDirect Carries a Limited Lifetime Warranty*

**Exceptional Products**

**100% Employee Owned**

**Exceptional Customer and Technical Support**

**MADE IN THE USA**



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.



THE BRAIN®



RADA DIGITAL FAUCET



ABH

### THE BRAIN®

Armstrong's groundbreaking Digital Recirculating Valve (DRV). As a stand-alone DRV or a pre-piped digital mixing center, The Brain® improves the performance and safety of institutional hot water systems by delivering unparalleled water temperature control.

### WATER HEATERS

Comprehensive steam, boiler water and new-era high efficiency gas-fired hot water generation and control pre-piped packaged solutions.

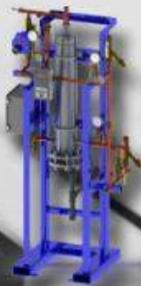
### RADA DIGITAL FAUCET

The Brain® digital performance, micro-sized in a point-of-use fixture. Hands-free activation and temperature control with programmable thermal disinfection, automatic flush, bacterial-resistant design and ASSE 1070 certified.

### SAGE®

Simple, effective monitoring, logging and remote alerting of key temperature control components of a hot water system safety risk management plan. Real-time dashboard monitoring, temperature and system diagnostic alerts, digital documentation and recordkeeping.

DIGITAL-FLO



PROGRAMMABLE OPERATION AND FLOW CONTROL



SAGE® MONITORING



Proud local Central Ohio Armstrong Representative  
[www.merloenergy.com](http://www.merloenergy.com)  
 (800) 362 - 4994



## Officers

### President

Bill Deardurff, CPD  
 Dynamix Engineering  
 855 Grandview Ave.  
 Columbus, Ohio 43215  
 614-443-1178 Fax: 614-443-1594  
 bdeardurff@dynamix-ltd.com

### Vice President, Technical

Mike Nickoson, PE  
 AECOM  
 277 West Nationwide Blvd  
 Columbus, Ohio 43215  
 614-484-4500  
 mike.nickoson@aecom.com

### Vice President, Education

Brad Fitzsimmons, CPD  
 Bruner Corporation  
 3637 Lacon Road  
 Hilliard, Ohio 43026  
 614-334-9000 Fax: 614-334-9001  
 jbfitzsimmons@brunercorp.com

### Vice President, Legislative

Michael Spengler, PE  
 Dynamix Engineering  
 855 Grandview Ave.  
 Columbus, Ohio 43215  
 614-443-1178 Fax: 614-443-1594  
 mspengler@dynamix-ltd.com

### Vice President, Membership

Jason Plageman  
 Disney-McLane  
 627 Euclaire Avenue  
 Bexley, Ohio 43209  
 614-989-7662  
 jasonp@disney-mclane.com

### Treasurer

Hanse Cromer  
 Steffens-Shultz, Inc.  
 525 Industrial Mile Road  
 Columbus, Ohio 43228  
 614-274-5515 Fax: 614-274-0126  
 hcromer@steffens-shultz.com

### Administrative Secretary

Kevin McGovern  
 Kevin McGovern & Associates  
 4245 Dilomacy Drive  
 Columbus, Ohio 43228  
 614-481-8182 Fax: 614-481-0734  
 kevin@kmahvac.com

### Corresponding Secretary

Greg Hochstetler, PE, LEED AP  
 Speer Mechanical  
 5255 Sinclair Road  
 Columbus, Ohio 43229  
 614-261-6331 Fax 614-261-6330  
 ghochstetler@speermechanical.com

### Affiliate Liaison

Tim Gleich  
 BWA South Co. Inc  
 4501 Sutphen Ct  
 Hilliard, Ohio 43026  
 614-876-2477 Fax 614-876-0238  
 timg@bwasouth.com

### AYP Liaison

Paul Coyne  
 Limbach Company  
 822 Cleveland Ave.  
 Columbus, Ohio 43201

## ASPE CENTRAL OHIO CHAPTER 2020-2021 MEETING and EVENT SCHEDULE

September 14, 2020	Laboratory Gas Systems
October 12, 2020	Acid Waste Pipe
November 9, 2020	Electric Tankless Heater Design Applications and Pitfalls
December 14, 2020	Commercial Valves 101
January 11, 2021	Water Conditioning
February 8, 2021	Not All Alloys are Created Equal
March 8, 2021	MedGas—Choosing the Technology
April 12, 2021	TBD
May 10, 2021	TBD

The Central Ohio chapter of ASPE newsletter is published as a forum for its members. Opinions expressed herein do not necessarily reflect those of the society, the Central Ohio chapter or its editors.

# THERE'S ROOM FOR YOUR AD RIGHT HERE!

## FOR YOUR ADVERTISING NEEDS, CONSIDER ASPE

2020 / 2021 Advertising donation:

	<u>11 issues</u>	<u>One Issue</u>
1/4 page ad	\$ 150.00	\$ 100.00
1/2 page ad	\$ 300.00	\$ 150.00
Full page ad	\$ 600.00	\$ 300.00