

## November 2021

### President's Report

We will be again be having a hybrid meeting this month. So pay special attention to the email in which you are responding.

During the October ASPE Regional meeting it was brought up that ASPE is looking into setting up a couple virtual training sessions. The first of these is a Green Plumbing seminar and the other one will cover Medical Gas Systems. Once the information is finalized we will send out the information.

Mark your calendars, the joint Meeting with MCACO, ASPE, ASHRAE and SFPE will be on Tuesday November 16<sup>th</sup>. It starts off with an OCILB accredited class with Jim Richardson from 4:30 to 5:30. A Table Top Expo will follow from 5:30 to 6:45 and then an "Italian Feast" dinner begins at 6:45.

Even further out, the 2022 Ohio Construction Conference is schedule for Wednesday March 16<sup>th</sup> at the Ohio Union at OSU. ASPE is a Supporting Organization for this conference. More information will be shared once it is available.

*Mike Nickason*

President

### May In Person Lunch Meeting and WebEx Technical Presentation

November 8th, 2021

#### In Person

Spaghetti Warehouse

397 West Broad

Columbus, OH 43215

11:30 PM—1:00 PM

\$20.00 — members; \$30.00 — non-members

#### WebEx Technical Presentation

12:00 PM—1:00 PM

Free— members; \$25.00— non-members

**SUBJECT:** Safety Control Valves and  
Panels

**SPEAKER:** Chris May,  
American Gas Safety

Chris is National Sales Director for AGS, has been with the company since 2011. Before this he worked for Wolseley (Ferguson). 20yrs experience in the plumbing industry with the last 12years dealing with gas detection and isolation system design and configuration. Chris is a ASPE and ASHRAE associate member and enjoys helping engineers add safety, insurance and peace of mind to projects involving combustible and toxic gas.

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## VP Education—Brad Fitzsimmons

### ASPE Book of the Month

Through November 30, 2021, you can purchase the PDF version of *ASPE/ANSI 45-2018: Siphonic Roof Drainage* for 25% 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.

### On-demand Webinars

Did you know? You can register for ASPE Webinars that you may have missed. Visit <https://education.aspe.org/on-demand-webinars> to register and view the library.

### 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 – Ensuring High Quality Plumbing Installations

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

*Brad Fitzsimmons*

Vice President Education

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## VP Legislative—Mike Spengler

### Ohio Board of Building Standards OBC/ OMC/OPC Code Changes

On January 30, 2020, the Board received Petition 20-01 from the Ohio Electrical Coalition requesting the Board update the edition of the National Electrical Code (NFPA 70) referenced in the Ohio Building, Plumbing & Mechanical Codes from the 2017 to the 2020 edition. On March 9, 2020, prior to consideration of the Petition, the Board conducted a stakeholder meeting and education forum on the changes included in the 2020 edition and their potential impact if adopted. Representatives from the Ohio Electrical Coalition provided an overview of the changes and responded to questions.

At its meeting on August 20, 2021, the Board approved Petition 20-01 with an amendment noted in rules 4101:1-35-01, 4101:2-15-01, and 4101:3-15-01 to NFPA 70 Article 210.8(F) to exempt certain HVAC equipment from GFCI requirements of this article.

On September 2, 2021, the Board issued a notice of its intent to amend the Ohio Building, Mechanical, and Plumbing Code Rules as summarized below. The Board sought input on these amendments and received only one comment in support of the proposed amendments. The Board also conducted a business regulatory impact analysis of the proposed rules and has documented its findings and summarized the changes in a Business Impact Analysis (BIA) Report.

#### Proposed Ohio Plumbing Code Rule

The Board proposes to amend the Ohio Administrative Code as follows: **4101:3-15-01** to update the code to reference the 2020 edition of the NFPA 70 with an additional exception added to 210.8(F) exempting HVAC units employing power conversion equipment (variable speed drive) as a means to control compressor speed.

The proposed amended rules and Business Impact Analysis Reports can be found at the following link: <http://www.com.ohio.gov/ProposedRules.aspx>

Comments regarding these proposed amendments should be submitted by November 17, 2021. You may submit your comments via email or U.S. Mail at Ohio Board of Building Standards, 6606 Tussing Rd, Reynoldsburg, Ohio 43068, Attn: Regina Hanshaw.

To receive future notifications of Board of Building Standards proposed rules, please visit <http://business.ohio.gov/reform/>

### ASPE Seeks Member Input on New Legionella Design Guide

We are pleased to announce that the initial efforts of the ASPE Legionella Design Guide Working Group and peer reviewers have been completed. The draft guideline is now ready for the next step, which is to solicit comments from ASPE members. Those interested are asked to review the draft and send proposed changes along with supporting justification. This is the final step prior to releasing it to the general public for review and comment.

Please send comments to ASPE Sr. Director of Technical & Regulatory Affairs, Ramiro Mata, at [rmata@aspe.org](mailto:rmata@aspe.org) or Legionella Design Guide Chair, Christoph Lohr, at [Chris-toph.lohr@iapmo.org](mailto:Chris-toph.lohr@iapmo.org) by November 15, 2021.

[Download the review draft](#)

### 2021 International Green Construction Code Released

Communities around the world have recognized the important role of buildings in realizing their sustainability goals—with many adopting stretch codes or policies that go beyond the content of baseline codes. The International Green Construction Code (IgCC) provides communities with model code language to assist in achieving sustainability in their building stock. Green codes help fulfill the mission of providing for the health, life, and safety of the built environment; increasing the economic and resource efficiency of buildings; reducing the effects of climate change through more resilient buildings, com-

*(Continued on page 5)*

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munities, and cities; and providing for the best buildings of today without compromising the needs of future generations. In support of continuously improving the built environment, the International Code Council, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE), U.S. Green Building Council (USGBC), and Illuminating Engineering Society (IES) have released the anticipated [2021 IgCC](https://shop.iccsafe.org/2021-international-green-construction-coder-igccr.html). (<https://shop.iccsafe.org/2021-international-green-construction-coder-igccr.html>)

### ASHRAE Releases Updated Building Reopening Guide

As the performance of many HVAC systems in buildings is still being evaluated, the ASHRAE Epidemic Task Force has updated its building reopening guidance for HVAC systems to help mitigate the transmission of SARS-CoV-2.

“The [Building Readiness Guide](#) includes addi-

tional information and clarifications to assist designers and commissioning providers in performing pre- or post-occupancy flush calculations to reduce the time and energy to clear spaces of contaminants between occupancy periods,” said Wade Conlan, ASHRAE Epidemic Task Force Building Readiness team lead. Major updates to the building readiness guidance include the following:

- **Pre- or Post-Flushing Strategy Methodology**
- **Flushing Time Calculator**
- **Heating Season Guidance**
- **Adjustments to Align with Core Recommendations: The [Core Recommendations](#) were released in the last month**, and this guidance document needed to be updated to ensure that the information provided aligned with the intent of those recommendations. This included minimum outdoor air supply and filter efficiency requirements and their role in an equivalent outdoor air supply-based risk mitigation strategy.

(Continued on page 8)

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Report Number: 2516-18001-002 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 IAPMO 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 IAPMO IGC 335-2018, entitled "Rapid Scaling Test for Scale Prevention Devices".

CONCLUSION: **When tested per Section 5 of IAPMO IGC 335-2018, Aqua-Rex WK1-E reduced scaling by 83% when applied to Las Vegas water heated to 180°F.**

Tested by,



Hank Nink, Project Engineer

Reviewed by,



Sean Van, P.E., Manager, Specialty Projects

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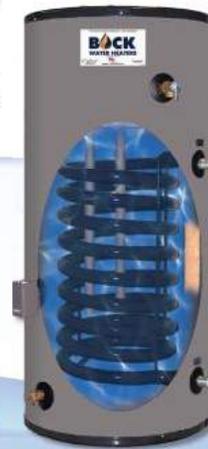
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## **Meet Laura Loziuk**

Laura is a Technical Service Manager in the McWane Plumbing Group covering the Northeast region. If you're worried your project is going downhill, and you need advice on your cast iron DWV plumbing system design, contact Laura. She knows a little something about steep terrain as she's an avid mountain biker.

Contact Laura to learn more about the benefits of a cast iron drain, waste, and vent plumbing system.



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(Continued from page 5)

The guidance still addresses the tactical commissioning and systems analysis needed to develop a Building Readiness Plan, increased filtration, air-cleaning strategies, domestic and plumbing water systems, and overall improvements to a system's ability to mitigate virus transmission.

To view the complete ASHRAE Building Readiness Guide and other COVID-19 resources, visit <https://www.ashrae.org/technical-resources/resources>.

## Two New ICC Building Code Tools Available Online

The International Code Council has launched two online building code tools for building safety professionals and the public to access free information about building code usage in their communities.

Created in partnership with the Federal Alliance for Safe Homes (FLASH) and the Insurance Services Office (ISO), the [U.S. Code Adoption Database](https://codeoptions.iccsafe.org/) (<https://codeoptions.iccsafe.org/>) is an interactive map that shares code adoption information at the state and local level. A one-of-a-kind U.S. code adoption tool, the database displays which codes are adopted within each state/jurisdiction and provides context and links to access further code information.

The database also contains a color-coded map for each of the 15 International Codes (I-Codes)—the most widely used model building codes in the world—showing statewide code adoptions around the U.S. The most current adoption information is maintained across the site through a collaboration effort between the Code Council, FLASH, and ISO.

The [Global Building Codes Tool](https://www.iccsafe.org/products-and-services/global-services/global-codes/) (<https://www.iccsafe.org/products-and-services/global-services/global-codes/>) provides information about the building codes and standards used in countries around the world. Users may select a country from the world map to view

information about the respective building safety regulation agencies, and the building codes and standards referenced and enforced within that country. The tool is designed to help manufacturers and designers who are interested in exporting their products and services to markets outside the United States, as well as to government officials around the world who are monitoring these regulations which impact market entry.

*Mike Spengler*

Vice President Legislative

## VP Membership—Tim Firlik

The Central Ohio Chapter of ASPE is looking for new members! Do YOU know of any?? Anyone that would benefit in Plumbing Technical Publications – Plumbing Convention and Technical Symposia - Certifications in Plumbing Design – Plumbing Codes and Legislation – Continued Education Programs and networking with peers throughout the plumbing industry. Please send them my email address and we'll get them signed up with this great organization. [timothy.firlik@aec.com](mailto:timothy.firlik@aec.com)

Membership renewal! If you are up to renew your membership remember to do it today! We don't want to see you go!! See you in November at our next ASPE meeting, join us in person and connect again with Reps and fellow members.

Please remember if any of your pertinent information has changed that it is your responsibility to notify ASPE National and The Central Ohio Chapter. You'll want to do this in order to remain on our mailing list.

*Tim Firlik*

Vice President Membership



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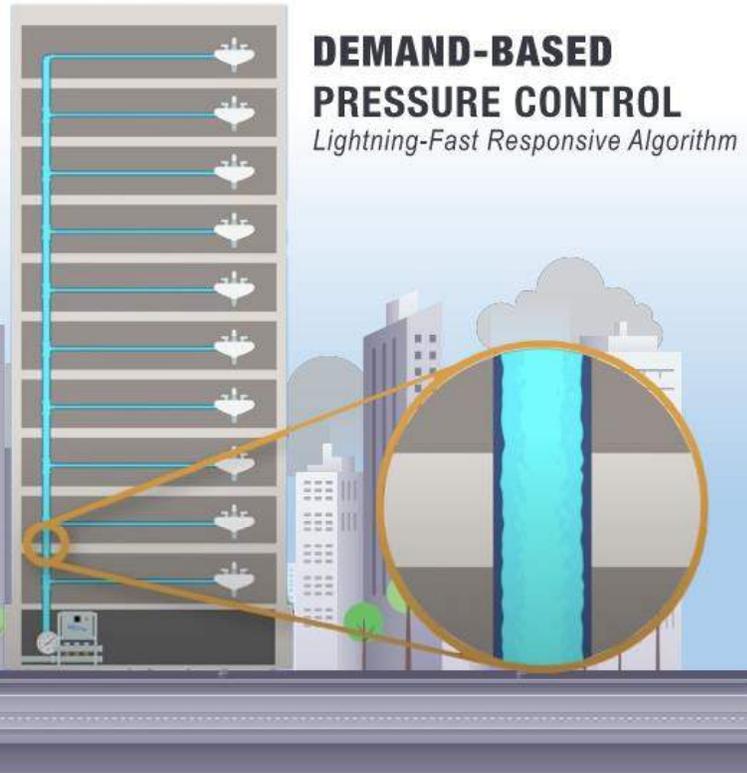
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<b>Wade Drainage</b> <a href="http://www.wadedrains.com">www.wadedrains.com</a>	Cast iron floor drains, floor sinks, roof drains, cleanouts, carriers, interceptors, hydrants, shock absorbers, trap primers, access covers,, trench drains, Siphonic Roof Drainage System.
<b>Water Control Corporation</b> <a href="http://www.watercontrolinc.com">www.watercontrolinc.com</a>	High Capacity Ultra-Filtration for Legionella & Pathogen control, Rainwater Reclamation Systems with Ultraviolet or Ozone purification, vortex downspout separators, storage tanks and complete controls for turnkey systems.
<b>Waterless Company</b> <a href="http://www.waterless.com">www.waterless.com</a>	<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>Greenclean</i> chemicals.
<b>Xerxes / Shawcor</b> <a href="http://www.xerxes.com">www.xerxes.com</a>	Fiberglass Water and Wastewater storage solutions. Water storage, grease, oil, solids interceptors, and decontamination tanks.
<b>Additional Products Distributed:</b> <a href="http://www.rensourcellc.com">www.rensourcellc.com</a>	Bathroom Partitions (solid plastic, baked enamel, stainless steel, laminate and phenolic), Bathroom Accessories, Lockers (solid plastic and metal), Water treatment products.

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## ASPE CENTRAL OHIO CHAPTER 2021-2022 MEETING and EVENT SCHEDULE

September 13, 2021	Cast Iron Soil Pipe and Aggressive DWV Applications
October 11, 2021	Engineered Infection Prevention
November 8, 2021	Safety Control Valves and Panels
December 13, 2021	Single Stack (Sanitary)
January 10, 2022	TBD
February 14, 2022	TBD
March 14, 2022	TBD
April 11, 2022	TBD
May 9, 2022	TBD

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