

Chapters are not authorized to speak for the Society, the views and opinions of this Chapter are those of the respective authors and do not necessarily reflect the official policy or position of the Society or its staff.



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\$\$ Don't Miss Out On The Holiday Raffle!! \$\$



TOPIC: MIXING & BALANCING VALVES FOR DOMESTIC HOT WATER SYSTEMS

PRESENTER: KEVIN FREIDT - CALEFFI

HOSTED BY: HARRY EKLOFF & ASSOCIATES

**WHEN: WED., DECEMBER 13th
11:45 am - 1:30 pm**

**WHERE: THE CULTURAL ARTS CENTER AT GLEN ALLEN
(The Dogwood Salon)
2880 Mountain Rd, Glen Allen, VA 23060**

VIA ZOOM MEETING @

<https://moseleyarch.zoom.us/j/83922360996>

(highlight web address then right click & select Go To...)

Check out our website @ <https://richmond-aspe.com/>

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Eric Geisendaffer - Bay Associates
eric@bayassociates.com

GREETINGS FROM THE PRESIDENT

President's Message...

Happy Holiday's from your Richmond ASPE family! This month is the season of giving and we are no exception!! We will be holding a free gift card raffle for those that attend our December meeting in person. There are several chances to win, so your odds are very good! Come join us and help keep the holiday cheer going.

Please be sure to sign-up for the meeting using the Signup Genius link, as we are using that to keep track of how many people will be attending for catering purposes.

<https://www.signupgenius.com/go/70a044fada822a3fd0-lunch#/>

*I look forward to seeing everyone, **Wednesday, December 13th** at the Glen Allen Cultural Arts Center. The virtual zoom meeting invitation is shown on page 1.*

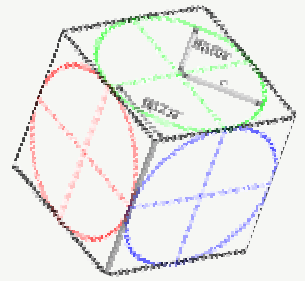
As always, if you have any questions, comments or concerns, please do not hesitate to reach out to me or anyone on the board.



**JOSHUA H. LANDIS, CPD
PRESIDENT, ASPE RICHMOND CHAPTER**

TECHNICAL SCHEDULE

Presentation Lineup



- **January 10th 2024**
 - Mike Norris - Rehau
 - Pex Piping for Commercial Applications
- **February 14th 2024**
 - Benjamin Sojka - Rainwater Management Solutions
 - Water Harvesting: Maintaining High Water Quality and Compliance with State and Local Codes
- **March 13th 2024**
 - Cameron Ross - MIFAB
 - Siphonic Roof Drains
- **April 10th 2024**
 - Jourdan Merritt - American Bath Group
 - Building Codes & Bathing Solutions
 - Designing Compliant Showers & Tubs
- **May 8th 2024**
 - Cydney Johnstone - The Joyce Agency
 - TBD

VP MEMBERSHIP - ROB GRUBBS

It's never too late to join ASPE! The monthly meetings are just one of the advantages to becoming a member. Current members, please encourage your colleague's to attend our monthly meetings and consider joining the ASPE family. Visit <https://www.aspe.org/join> for more information.



CONGRATULATIONS!!

BRANDON MICHAEL MILLER, CPDT
for earning your Certified Plumbing Design
Technician Credential
WAY TO GO!!

LET'S CELEBRATE!



BIRTHDAYS

Aaron Eastwood	12/2
Jay Otto	12/2
Vic Hines	12/21
Jeff Mortensen	12/23

ASPE-VERSARIES

Jeff Mortensen	12/10/2001
Stephen Lyons	12/14/2001
Manan Haji	12/21/2006
Lars Frost	12/10/2013
William Mills	12/8/2020
John Hogarth	12/9/2020
Scott Gregg	12/9/2020
Troy Monteith	12/5/2022

Hey Young Professionals!

REGION 1 AYP PRESENTS:

Rainwater Harvesting 101

presented by

RUSS JACKSON



WHO

THIS WEBINAR IS OPEN TO ALL REGION 1 ASPE YOUNG PROFESSIONALS

WHAT

1. BASIC PRINCIPLES
2. CURRENT TECHNOLOGIES
3. RELATED PRACTICES
4. COMMERCIAL SYSTEMS

WHEN

WEDNESDAY
DECEMBER 13, 2023
12-1PM EST

REGISTER

THIS WEBINAR IS FREE TO ASPE MEMBERS. A \$5 FEE WILL APPLY TO NON-MEMBERS

Russ Jackson acts as the Sales General Manager of RainHarvest Systems. Russ is a 15 year veteran of the water harvesting and reuse industry, and a 25 year veteran of the commercial construction industry. RainHarvest is a manufacturer of water pumping and treatment systems as well as the largest supplier of rainwater harvesting specific components and systems in North America. During his career, Russ has served on the committee that created the ICC/CSA 805 Rainwater Harvest Systems Standard, served on many related committees, including co-chair of the End Use Water Quality Task Force for the ICC/CSA 805 Rainwater Harvesting Systems Committee. He co-authored the Atlanta Potable Rainwater Ordinance, and has served on hundreds of rainwater harvest projects across the Americas.

INDUSTRY OPPORTUNITIES



Are you a skilled and enthusiastic Mechanical Estimator ready to take on exciting construction projects? Join our dynamic team at Warwick Mechanical Group as we seek a detail-oriented professional to play a vital role in estimating costs for mechanical systems and contribute to our project success! As an Estimator, you will be at the forefront of project planning, providing accurate cost estimates and collaborating with diverse stakeholders. If you have a passion for precision, love working with cutting-edge mechanical systems, and thrive in a collaborative environment, this is the perfect opportunity for you!

Responsibilities:

1. **Project Assessment:** Dive into project plans, specifications, and requirements to unlock the potential of each mechanical system needed.
2. **Cost Estimation:** Unleash your expertise in mechanical, HVAC, and plumbing systems, equipment, materials, and labor to prepare precise cost estimates that exceed expectations.
3. **Quantitative Analysis:** Masterfully analyze blueprints, drawings, and project documentation to determine the ideal quantities and specifications of materials and labor required.
4. **Vendor and Supplier Interaction:** Forge strong relationships with vendors and suppliers to secure the best pricing and availability for top-notch mechanical components and materials.
5. **Proposal Development:** Create comprehensive proposals that demonstrate the value of your cost estimates, specifications, and project understanding.
6. **Cost Optimization:** Unleash your creativity by identifying cost-saving opportunities that maintain quality and performance through alternative materials, systems, or construction methods.
7. **Project Coordination:** Collaborate seamlessly with project managers, engineers, and stakeholders, ensuring your cost estimates align with project objectives.
8. **Documentation and Reporting:** Showcase your attention to detail by maintaining accurate records of cost estimates, assumptions, and supporting documentation. Prepare reports and presentations.
9. **Industry Knowledge:** Stay ahead of the curve by embracing the latest industry trends, advancements, and best practices related to mechanical systems and cost estimation methodologies.

Requirements:

1. **Experience and Education:** Previous experience as an Estimator in HVAC, Plumbing & Mechanical Piping or in a similar role is highly desirable. A Bachelor's degree in Mechanical Engineering or a related field is a plus.
2. **Technical Skills:** Harness your solid understanding of mechanical systems, equipment, and construction practices to transform projects into triumphs. Proficiency in reading blueprints, specifications, and technical documents is a must.
3. **Analytical Abilities:** Showcase your sharp analytical and problem-solving skills, which will empower you to interpret project requirements and deliver accurate cost estimates.
4. **Attention to Detail:** Embrace your meticulous nature, ensuring every calculation and cost estimate is precise and comprehensive.

INDUSTRY OPPORTUNITIES - cont'd

5. Communication Skills: Shine in your excellent written and verbal communication skills as you connect with internal teams, clients, vendors, and suppliers.

6. Software Proficiency: Must be familiar with cost estimation software, computer-aided design (CAD) tools, and the Microsoft Office Suite.

7. Time Management: Thrive in a fast-paced environment by prioritizing tasks, managing deadlines, and working efficiently.

8. Team Player: Unleash your collaborative spirit as you work seamlessly in cross-functional teams, contributing to a harmonious and successful work environment.

Ready to bring your mechanical estimation expertise to a vibrant team? Join us as an Estimator and unlock the potential of construction projects with your passion and precision! Apply today at recruit@wphcorp.com

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Based in the Northern Virginia - D.C. Metro area, Mike has been with Viega in Business Development calling on Engineers, Owners and Code Officials for the last 6 years.

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Loss of power alert		+	+	+
Broken temperature probe alert		+	+	+
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NH-2022-06
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(LIT-044)



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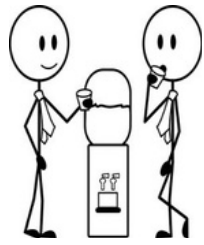
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TALK AROUND THE WATER COOLER...

Check-out these articles for interesting and educational topics & tools to stay up to date!



ASPE Pipeline

News for the Plumbing System Design Industry

1. Registration Is Open

The 2024 Certified in Plumbing Design (CPD) exam will be held via remote proctor on April 15–26, and registration is now open for eligible candidates on ASPE Education. ASPE's CPD program is the only international credential for engineers and designers of plumbing systems, and it sets the standard for leadership within the industry. Learn more on about exam eligibility requirements on [ASPE Pipeline](#).



2. 70 Percent of Skilled Workers Are Eager to Embrace Diverse Tools in 2024

The National Fire Protection Association® (NFPA®) has released its second annual Industry Trends Survey, which reveals employee sentiment around the current state of labor, training, and technology on the jobsite. Go to [ASPE Pipeline](#) to learn what 2024 trends the skilled trades industry can expect.



3. Americans Believe they Lack the Information Needed to Conserve Water at Home

LIXIL, a global leader in creating water and housing products, released data from a new survey about water scarcity, conducted by LIXIL brand GROHE. The data offers a close look at consumer attitudes, shifts in behaviors, and barriers they face in helping improve water consumption and conservation in the United States and globally. Read the rest of the article on [ASPE Pipeline](#).



BE SURE TO CHECKOUT THESE COLUMNS FOUND IN PIPELINE EXCLUSIVES SECTION:
[HTTPS://WWW.ASPE.ORG/PIPELINE/CATEGORY/PIPELINE-EXCLUSIVES/](https://www.aspe.org/pipeline/category/pipeline-exclusives/)



From the
President's
Keyboard

by Jim Zebrowski, PE, CPD, FASPE
2022/24 ASPE President

THE MOST IMPORTANT GIFT OF ALL

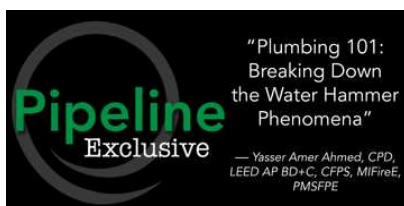
Happy holidays to everyone. At my house, we celebrate Christmas. The decorations are up and we'll have our traditional family gathering the week before Christmas. The kids and grandkids all will be here. Yes, there will be presents, games, and lots of food, but whatever and however you celebrate, the important thing is to spend time with your loved ones.

WHAT IS WATER HAMMER?

In the latest Pipeline Exclusive, Overseas Chapter member Yasser Amer Ahmed breaks down what causes this phenomena in pipes and offers some actions to take to reduce the risk.

SHOWER THOUGHTS

ASSE 1016 allows a maximum outlet temperature of 120°F, but Jenny Rilling, CPD, LEED AP, wonders, "Are there really people out there showering with 120 degree water?" Her question sparked another lively discussion on ASPE Connect.

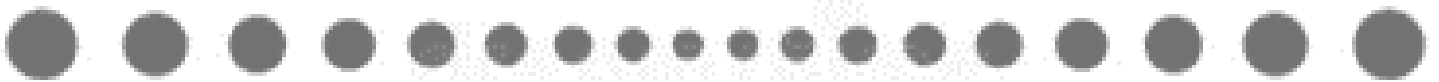


EDUCATION STATION



REMINDER! ASPE revamped their learning platform!! The new site is education.aspe.org. All educational programs and articles have transitioned over to the new site now. If you are looking to earn CEU's and/or enhance your skills and knowledge then this is the site for you! Once in the site Sign in (top right) using your ASPE Connect credentials. If you have not activated your ASPE Connect credentials, go to this link to reset your ASPE Connect password: <https://connect.aspe.org>.

Check back in January for Upcoming Education Opportunities



ASPE'S DECEMBER 2023 BOOK OF THE MONTH IS THE *CPD STUDY GUIDE* (E-BOOK VERSION).

THROUGH DECEMBER 31, 2023, YOU CAN PURCHASE THIS FOR **25% OFF** THE REGULAR MEMBER PRICE. JUST ENTER COUPON CODE **HAPPYHOLIDAYS** WHEN YOU CHECK OUT.