



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 it's staff.



*May 2024*

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**TOPIC: DRINKING FOUNTAIN AND BOTTLE FILLER SOLUTIONS**

**PRESENTER: WILL SIMS - OASIS COOLERS**

**HOSTED BY: THE JOYCE AGENCY**

**WHEN: WED., MAY 8th  
11:45 am - 1:30 pm**

**WHERE: THE CULTURAL ARTS CENTER AT GLEN ALLEN  
James River Ballroom  
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...)

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Eric Geisendaffer - Bay Associates  
eric@bayassociates.com

## GREETINGS FROM THE PRESIDENT

### President's Message...

*Closing out this ASPE Richmond season, I'd like to thank all of our sponsors and volunteers that continue to make this chapter successful. Also, thank you to the membership for your extremely valuable input in meeting topics and suggestions to make our meetings and chapter better. As usual, we are always looking for those individuals interested in serving on the chapter's board. If you are interested, or would like more information about joining the Richmond Chapter Board, please let us know!*

*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 tomorrow **Wednesday, May 8th** at the Glen Allen Cultural Arts Center. The virtual zoom meeting invitation is shown on page 1. If you did not receive the outlook email invitation for the season meetings please let me know so we can get it out to you. It acts as a good reminder for when the meetings are coming up and has virtual link information included for those that can't attend in person. **PLEASE NOTE THAT ONCE AGAIN OUR MEETING THIS MONTH WILL BE IN THE JAMES RIVER BALLROOM IN THE MAIN BUILDING.***

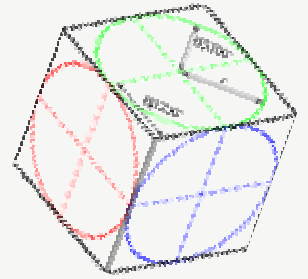
*As always, if you have any questions, comments or concerns, please do not hesitate to reach out to me or anyone on the board.*



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

# TECHNICAL SCHEDULE

## Presentation Lineup



- **June - August**
  - Break

# 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.



*WELCOME NEW MEMBERS!*

**No New Members this Month  
Please Continue Inviting your Friends  
and Colleagues to Join our ASPE Family**

**LET'S CELEBRATE!**



## BIRTHDAYS

John Cutright	5/2
Amy Coleman	5/11
Stephen Taylor	5/14

## ASPE-VERSARIES

David Moore	5/15/1989
Teodora Pashova	5/16/2018
Matthew Caparrelli	5/20/2019
Miles Johnston	5/27/2020

# AYP RICHMOND - ERIC GEISENDAFFER

May 2024



NEWSLETTER

## Hey Young Professionals!

ASPE Young Professionals (AYP) is dedicated to the needs of Plumbing Engineers and Designers 35 years old and younger. Your local ASPE Chapters have been busy organizing exciting opportunities designed to help you excel in your career, including:

- » Partnerships with other associations
- » Social and networking events
- » Educational offerings
- » Mentoring programs
- » And more!

We provide Regional lunch and learns quarterly, be on the lookout for more information and signup information.



Richmond AYP Liaison  
Eric Geisendaffer  
Eric@BayAssociates.com



# 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](mailto:recruit@wphcorp.com)

## **EEO Policy Statement**

Warwick Mechanical Group provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, gender, sexual orientation, national origin, age, disability, marital status, amnesty, or status as a covered veteran in accordance with applicable federal, state and local laws. Warwick Mechanical Group complies with applicable state and local laws governing non-discrimination in employment in every location in which the company has facilities. This policy applies to all terms and conditions of employment, including, but not limited to, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation, and training.

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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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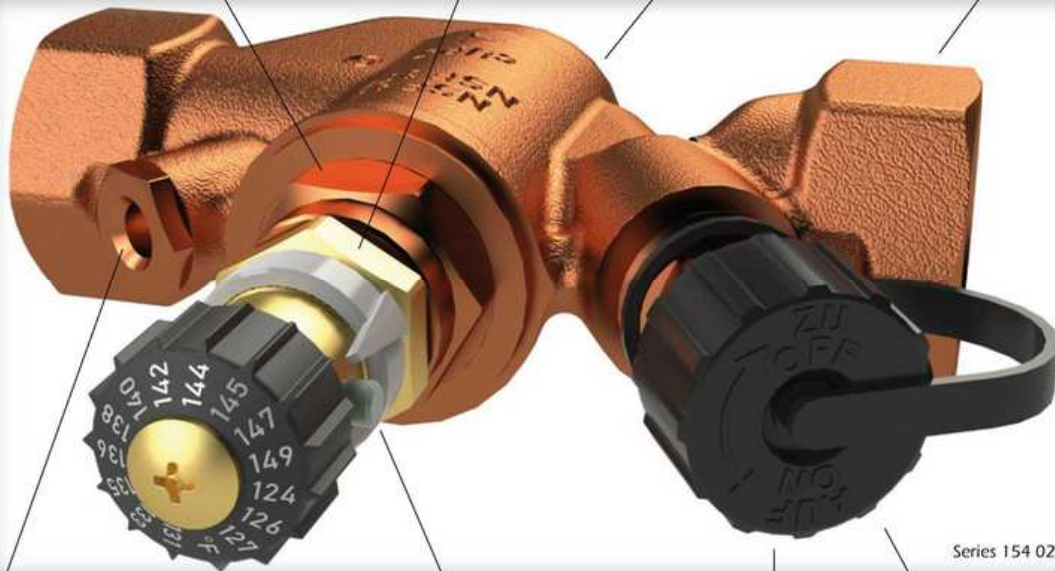
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NO HUB COUPLINGS  
(LIT-044)**



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TRENCH DRAINS  
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Removing microorganisms *before* they enter and improving disinfectant efficacy.

### HIGH-CAPACITY ULTRAFILTRATION



- Point-of-Entry
- Point-of-Use
- Recirculation
- Supplemental Disinfectants



PROTECT YOUR FACILITY AND LEARN MORE AT [WATERCONTROLINC.COM](http://WATERCONTROLINC.COM)

## YOUR AD COULD BE HERE!

### ADVERTISE WITH YOUR LOCAL CHAPTER

*A Special Thank You to Everyone Who has Placed Ads This Season!*

*Let us know if you want your ad included*

#### [Newsletter and Webpage Advertisement Costs](#)

##### **Full Page Newsletter (per season)**

ASPE Member \$375

Non-Member \$450

##### **Half Page Newsletter (per season)**

ASPE Member \$275

Non-Member \$350

##### **Business Card Newsletter (per season)**

ASPE Member \$75

Non-Member \$150

#### [Tabletop Advertisement](#)

##### **Per Meeting**

ASPE Member \$80

Non-Member \$100

##### **Per Year (approx. 9 meetings)**

ASPE Member \$450

Non-Member \$550



# 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. Say Hello to Our Latest ASPE Connect Member Spotlight

Hampton Roads Chapter member Ryan Schalk, a Senior Plumbing Design Engineer with Hickman-Ambrose, loves Revit so much he started making YouTube videos on plumbing design in Revit and also created courses that he offers on his website, MEPguy.com. To learn more about Ryan's career journey from mechanical designer to plumbing Revit guru, visit [Connect.ASPE.org](https://connect.aspe.org)

## 2. ASPE Members: Make Your Mark on ASPE This Year

Reminder: ASPE is accepting applications for all elected positions on the 2024–2026 ASPE Board of Directors. This opportunity to make your mark on our Society only occurs every two years, so don't miss out! You can find the application on the Members-Only page on ASPE's website. The application and other required materials must be submitted by June 17, 2024. <https://aspe.org/membership-global-community/membership/members-only>

## 3. U.S. DOE Finalizes Efficiency Standards for Water Heaters

The U.S. Department of Energy (DOE) has finalized Congressionally mandated energy-efficiency standards for a range of residential water heaters to save American households approximately \$7.6 billion per year on their energy and water bills. The standards would require the most common-sized electric water heaters to achieve efficiency gains with heat pump technology, helping to accelerate the deployment of this cost-effective, clean energy technology while also reducing strain on the electric grid. The DOE last updated residential water heater efficiency standards in 2010. Compliance will be required starting in 2029 for the new standards.



### 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/)

### SURGING INTO SUMMER

Thanks to cloud cover, ASPE's President was unable to fully experience the solar eclipse, but he didn't let that dim his enthusiasm for exciting events in ASPE's future. What's going on?

From the  
President's  
Keyboard

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

### HAVE YOU HEARD ABOUT IGC 325?

The 2022 edition of this IAPMO standard introduced a new term to the oil/water separator market: high-efficiency oil/water separator. Learn what this means for the industry in a new Pipeline Exclusive.

Pipeline  
Exclusive

"What You Need to  
Know About IAPMO's  
Standard for  
High-Efficiency  
Oil/Water Separators"

— Montgomery Joneslight

### CONDUIT OF SUCCESS, VOLUME 2: LETTING GO

ASPE's VP Education explains how letting go can open the door to new opportunities in the continuation of his series on "The Conduit of Success."

ASPE Committees

A to Z

# EDUCATION STATION



REMINDER! ASPE revamped their learning platform!! The new site is [education.aspe.org](https://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>.

## [WATTS TO HOST ASPE-ACCREDITED WEBINAR: INCORPORATING SMART CONTROLS INTO BOILER SYSTEMS](#)

Watts has announced “Designing for Efficiency: Incorporating Smart Controls into Boiler Systems,” an ASPE-accredited webinar worth 0.1 CEU. On May 7, 2024, at noon EDT, participants will learn about how you can design your heating system to maximize energy efficiency and tap into connectivity to optimize operating costs. This can apply to single or multiple facility plans to further reduce costs at scale.

<https://aspe.org/pipeline/category/education-opportunities/>



## [NEXT MEDGAS WORKSHOP: JUNE 13-16](#)

Your next chance to take our MedGas Workshop will be at the Viega facility in Broomfield, Colorado in June. Get ASSE 6060 training and earn 1.2 ASPE CEUs at the same time! You can sign up at ASPE Education. <https://aspe.org/pipeline/category/aspe-updates/webinars-workshops/>



ASPE's May 2024 Book of the Month is *Fire Protection Systems III* (eBook version).

Through May 31, 2024, you can purchase this eBook for **35% off** the regular member price. Just enter coupon code **MayFlowers** when you check out.