



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.

OCTOBER / NOVEMBER 2016

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NOVEMBER MEETING

WEDNESDAY 11/9/16

Table with meeting details: TOPIC: Medical Gas System Design; PRESENTED BY: RALPH JOHNSON (W. G. LESEMANN & ASSOC., INC.); WHEN: 11:30 AM - 1:00 PM; WHERE: DiFazio's Restaurant, 2601 Tuckernuck Drive, Richmond, VA 23294; COST: \$20.00 (Free to engineers and contractors!!)

NEXT MEETING: WEDNESDAY, DECEMBER 14
TOPIC: LEED v4 and Piping System Design

CEU's ANYONE?

ASPE can help you accumulate the CEUs required for maintaining your Certified in Plumbing Design (CPD) or Certified Plumbing Design Technician (CPDT) status.

For more information see the Education Station section of this newsletter



SHARE YOUR ASPE EXPO EXPERIENCES WITH YOUR CHAPTER! SEND COMMENTS, THOUGHTS, PICTURES, ETC. TO THE NEWSLETTER EDITOR AND WE'LL BE SURE TO INCLUDE THEM IN THE NEXT NEWSLETTER. CYDNEY@THEJOYCEAGENCY.COM

GREETINGS FROM THE BOARD

PRESIDENT'S MESSAGE:

Thank you to everyone who was able to make it out for our meeting yesterday, it was a great turnout and a great topic. National Engineers Week is coming up, February 12-25, and it's a great time to find creative ways to spread awareness for ASPE and the Plumbing Engineering community. National Engineers Week was started in 1951 by the National Society of Professional Engineers and is recognized annually on the week in February that encompassed George Washington's birthday (Feb. 22nd). If you or anyone you know have some ideas or suggestions, please feel free to share and hopefully we can set something up for our members to participate.

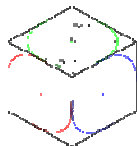
Please feel free to provide comments, feedback, or recommendations. I look forward to hearing from you all and hope to grow our chapter by actively reaching out, supporting, and mentoring those who will ultimately take our industry to new heights.

Joshua H. Landis, CPD

President, ASPE Richmond Chapter

VP TECHNICAL

Jeff Bew



Welcome to a new and exciting season for the ASPE Richmond Chapter! We look forward to this season's upcoming meetings and topics. Looking ahead, we are seeking additional presenters with new topics for upcoming meetings. If you have any interested speakers or if you have any ideas for future meeting topics, please feel free to contact the board or myself. See below for the upcoming ASPE Richmond meeting dates and topics. Thank you and we look forward to seeing you at our next meeting on Wednesday 12/14.

Sincerely,

Jeff

The dates for our 2016-2017 season are as follows:

September 14th 2016:	Bather Safety Under ASSE Standards
October 12th 2016:	Stainless Drainage Products for Commercial Kitchen Applications
November 9th 2016:	<i>Medical Gas System Design</i>
December 14th 2016:	LEED v4 and Piping System Design
January 11th 2017:	Mixing Valves - Advancements, Sizing, Selection, & Piping
February 8th 2017:	Failure Analysis: Causes and Solutions for Problem, Corrosion, and Failures in Metallic and Plastic Pipe
March 8th 2017:	<i>Open</i>
April 12th 2017:	<i>Open</i>
May 10th 2017:	<i>Open</i>

VP MEMBERSHIP

Rob Grubbs



Just a quick quote from Kelvin Kennedy, National VPM

"Since I've been in this position, our membership has increased by approx. 5,800 members in 2014 to approx. 6,250 members as of now. That's about a 5% increase!!!! From an organization that was losing members by the 100's a month just a few years ago to where we are now was no small accomplishment. But I for one cannot and will not take full credit for this turnaround. It takes a collaborate effort from the people in front of and behind the scenes that makes all of this possible. The programs that you help create in your local chapters to promote and increase membership are to be commended."

Thanks to all who have helped be a part of this increase, be it signing up for our local chapter or signing up/transferring to the Hampton Roads chapter. It DOES make a difference! Don't hesitate to contact me if you need help or have questions. I hope to hear from you all soon!

Sincerely, **Rob**

Application link: <https://aspe.org/content/join-aspe>

Chapter website: <http://richmond.aspe.org/>

AFFILIATE LIAISON

Bill Lesemann, Jr.

Manufacturers' Reps:

To those calling on Plumbing/Mechanical Contractors, make every effort to sell our ASPE Chapter Membership.

Our guest speakers offer up a real education on products related to what they do! Also, it's a great opportunity to communicate and discuss situations they may have with our Plumbing Engineer membership. Try to have some Membership Applications on hand. You can easily print them from our Chapter website.

Bill L



And we have the extensive product line to prove it.

When you're specifying for the next big job, you're also putting your name on the line. That's why T&S offers a vast selection of high-quality products that meet required codes and compliances — no matter the application. And with a companywide commitment to staying at the forefront of today's evolving industry, it's no wonder engineers everywhere rely on T&S when it matters most.



For in-depth product information, crossover assistance and other helpful resources, visit tsbrass.com.

WE KNOW PLUMBING.

T&S plumbing products represented in Richmond by: RepSource MidAtlantic - 804-550-0025

REPSOURCE

MidAtlantic

Math.
Science.
History.
Lead.

In some schools, kids are exposed to more than their lesson plans.

At Elkay® we want to help keep kids and drinking water safe. Our filtered ezH2O® bottle filling stations do just that by removing lead beyond the level required for our NSF/ANSI® 53 certification. So let's put cleaner, healthier water within everyone's reach. Learn more at Elkay.com/ezH2O.

ELKAY ezH2O



INDUSTRY OPPORTUNITIES

Elevate your careers with one of these exciting opportunities!

PLUMBING DESIGN/ENGINEER - Job #ME-PL3

Baskervill has an immediate need for a Plumbing Designer to support out Plumbing Manager on a variety of projects.

Responsibilities:

Developing construction documents (drawings, models, details, schedules, and specifications) in Revit and/or CAD platforms. Conducts site inspections/surveys to obtain key field data; reviewing RFI's and shop drawings, coordinating with other disciplines, and attending project meetings.

Qualifications:

- Bachelors/2-year technical degree in Mechanical Engineering/Plumbing focus.
- CPD preferred
- 5 to 10 years of commercial experience, at least 3 in plumbing design.
- Exceptional communication skills to coordinate with other disciplines and function in a collaborative environment.
- Proficiency in Revit and AutoCAD required. Other related software a plus.

All inquiries must reference ME-PL3 to be considered. Please send resume and design samples to careers@baskervill.com If you are disabled or otherwise unable to apply online, please mail your resume & samples to the address below or call (804) 343-1010 for assistance.

All others – no phone calls please. Baskervill is an EOE/M/F/D/V

Job #ME-PL3

Baskervill
PO Box 400
Richmond, VA 23218
804-343-0909 (fax)



PLUMBING OR MECHANICAL DESIGNER

Job ID 2016-1146
Job Location US-FL-Jacksonville
Category Engineering
Employment Type Regular Full-Time

<https://careers-tlc-engineers.icims.com/jobs/1146/plumbing-designer/job>

Overview:

TLC Engineering for Architecture is a dynamic and growing National Engineering firm seeking qualified and motivated Plumbing Designers for the planning, designing and production of the engineering components of state of the art buildings.

About TLC Engineering:

TLC has earned its reputation for excellence operating for more than 60 years. We are a full service engineering design firm with focus on large facility design including education, federal, municipal, laboratory and related facilities.

We offer a comprehensive benefits package which includes:

- Competitive Salary and Paid Time Off
- Medical, Dental, Vision, Flexible Spending
- 401K with company match
- Flexible schedule

Responsibilities:

- Responsible for drafting and designing HVAC and plumbing fixtures for large scale commercial buildings.
- Layout and size equipment, perform load calculations and investigate code requirements.
- Provide technical expertise during the design phase (schematic, design development) to coordinate spaces required for those systems.
- Coordinate between disciplines and produce working documents using AutoCAD and REVIT software.
- Communicate effectively with all parties involved in the design and construction process.

Qualifications:

- Ideal candidates 2+ years experience in drafting and designing HVAC, Mechanical and plumbing systems in an A/E environment.
- An AA/AS degree and /or technical certification in mechanical designs are preferred.
- Knowledge of applicable codes and general engineering practices.
- Strong AutoCAD and REVIT experience required.
- Good communication and interpersonal skills.

TLC is an Equal Opportunity, Affirmative Action employer, dedicated to Workforce Diversity. EOE/M/F/IWD/V-Minorities, women, individuals with disabilities and veterans are encouraged to apply. TLC participates in E-Verify.

ADVERTISE WITH YOUR LOCAL CHAPTER

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

Meeting Tabletops

Per Meeting

ASPE Member	\$80
Non Member	\$100

Per Year (8-9 Meetings)

ASPE Member	\$450
Non Member	\$550

[CONTACT JOSH LANDIS @ jlandis@moseleyarchitects.com](mailto:jlandis@moseleyarchitects.com)

TALK AROUND THE WATER COOLER....

Check-out these sites for interesting and educational topics so you can stay in 'the know'!

ASPE PIPELINE <https://aspe.org/pipeline20160512>

Some recent excerpts:

➔ **Start planning now: ASPE's 2017 Workshop Series begins in January**

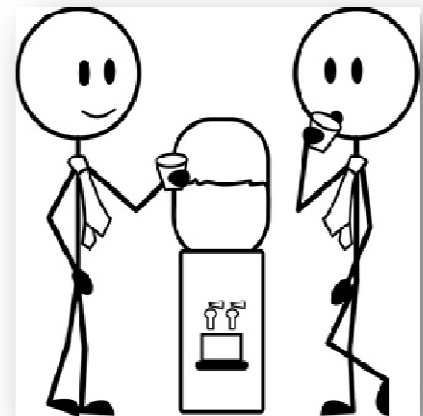
Revit MEP training workshops. Go to aspe.org/workshops for the dates.

➔ **New Atlanta Falcons stadium will be the first LEED Platinum NFL venue...**

The first for any sports facility-by capturing rainwater for reuse in the cooling tower and in irrigation, installing waterless urinals, and slowly releasing captured stormwater run-off.

➔ **EPA releases review of Legionella prevention strategies**

Document summarizing different technologies to control Legionella growth, water quality issues that could result using the technologies and critical risk management approaches.



ASPE MENTORING PROGRAM <https://aspe.org/aspe-mentoring-program>

Brought by the Women of ASPE, this program, which is available to all members of the Society, has been designed to connect ASPE members who have a particular skill set (mentor) with individuals (mentee) who are searching to acquire the same skills to develop and make progress toward their personal and professional goals. Visit the site for benefits & more information

WOMEN OF ASPE (WOA) <https://www.aspe.org/WOA>

The core mission is to engage, retain and advance women in the plumbing design industry, through education, leadership development and networking opportunities. The WOA is committed to bringing together women and assisting them to achieve their professional and personal goals

ENR-ENGINEERING NEWS RECORD <http://www.enr.com/mid-atlantic>

An eNewsletter for DC, Delaware, Maryland, Pennsylvania and the Virginias

EDUCATION STATION

<https://aspe.org/EducationalProgramsTools>

If you are looking to earn the required CEU's and/or enhance your skills and knowledge then this is the site for you! Once you've landed on the Educational Program & Tools page, simply point & click to gain access to a variety of ways to accomplish your goals.



Some examples:

Webinars - Live, interactive one hour long technical educational programs you can view without leaving your desk and archived for 24/7 access.

Online Education - ASPE E-Learning courses are one-hour-long PowerPoint presentations developed by your peers in the industry, and designed to help increase your knowledge or earn CEU/PDH credits. Topics range from basic training for plumbing engineers and designers to the latest in new technologies.

Read Learn Earn - Click on any link to find the latest CE article and exam. Download the article you wish to read with the accompanying test at the end, then submit your answers online! This process will require approximately one hour.