



DECEMBER 2016

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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JANUARY MEETING
WEDNESDAY 1/11/17

TOPIC:	ON-DEMAND DOMESTIC HOT WATER CIRCULATION
PRESENTED BY:	MARK TURNER - N. H. Yates & Co., Inc.
WHEN:	11:30 AM - 1:00 PM
WHERE:	DiFazio's Restaurant 2601 Tuckernuck Drive Richmond, VA 23294
COST:	\$20.00
FEBRUARY'S MEETING: WED., 2/8/17 TOPIC: Failure Analysis: Causes and solutions for problems, corrosion and failures in metallic and plastic pipe	

Remember to Check the EDUCATION STATION Section of the Newsletter for CEU Information and Opportunities!



PRESIDENT'S MESSAGE

2016-2017 ASPE Richmond Chapter Season

As we come to the end of another calendar year, I would like you all to take some time to quickly let any of us know what additional meeting topics you would like for future meetings or group outings. I know everyone's schedule can be quite hectic around the holidays so please provide feedback as soon as you can so we can work on making it happen!

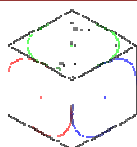
Also, I'd like to take this opportunity to thank all of the reps and vendors that are currently participating in our tabletops and/or newsletter advertising.

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



Best Wishes and Happy Holidays to everyone! I look forward to the upcoming year, and the presenters we have on tap for 2017. We have two available slots open for presenters. 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 remaining schedule and presenters.

Sincerely,
Jeff

2017 Line-Up, to Date:

January 11: On-Demand Domestic Hot Water Circulation - Mark Turner, N. H. Yates & Co., Inc.
February 8: Failure Analysis: Causes and Solutions for Problems, Corrosion and Failures in Metallic and Plastic Pipe - Vic Hines, CPD, LEED® AP
March 8: **Open** - *Potential ASPE or ASHRAE Joint Meeting*
April 12: **Open**
May 10: Town & Country Plastic - Kevin Freeman

VP MEMBERSHIP

Rob Grubbs



Monthly membership report info. from National....

"ASPE's reinstatement program will officially end on December 31, 2016. If you know of any past members that are looking to reinstate for the low cost of \$100, please have them contact me directly and I will be able to assist. Keep in mind the program includes all past members with the exception of those that did not renew their membership in 2016. If there are questions, please contact Stacey Kidd, ASPE's Director of Membership & Meetings. 847.296.0002 x227, Skidd@aspe.org"

"Chapters are recognized for membership growth and retention"

The Membership Retention Award is presented to Chapters that retain 90 percent or more of their previous year's membership. For Region 1 the recipients were Baltimore, Boston, Capital Region New York, Connecticut, New Jersey, Philadelphia, Quebec, Richmond, and Virginia Blue Ridge. "

CONGRATULATIONS TO US!!

Sincerely, **Rob**

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

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



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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/W/D/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:

➔ **ASPE presents Industry Awards to two manufacturers**

ASPE presents the Industry Award to plumbing industry-related companies for outstanding service to the advancement of plumbing engineering technology. This year, at the Biennial Banquet, the Industry Award was presented to Watts Water Technologies and Zurn.

➔ **ASPE's 2017 Workshop Series is coming soon to a city near you**

Starting January 24 in Oklahoma City, ASPE is presenting our popular hands-on Revit MEP workshop all across the country Registration is now open at aspe.org/Revit2017. We also are hosting a Basic Plumbing Design workshop in Oklahoma City on January 25 and a Green Plumbing Design workshop in Baltimore on February 22-23. All of our workshops offer CEUs and space is limited, so register soon!

➔ **EPA releases a new guide on developing effective stormwater plans**

Community Solutions for Stormwater Management: A Guide for Voluntary Long-Term Planning describes how to develop a stormwater plan that integrates stormwater management with economic development, infrastructure investment, and environmental compliance.

➔ **2016 ASPE Convention & Exposition photos are now available**

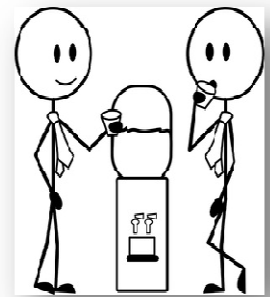
aspe.smugmug.com/Events/2016-ConventionExpoPhoenix

Photos are available from the Sunday Night Party, Exposition, technical sessions, and more.

➔ **PPI offers a free plastic pressure pipe design calculator**

Designed for hydronic heating and cooling, snow and ice melting, plumbing, fire protection, and geothermal applications, this online calculator assists with the proper sizing of PEX, PE-RT, and CPVC pipe and tubing. It performs calculations for pressure and head loss, thermal expansion and contraction, surge pressures, pipe weight and volume, and lengths of expansion arms or loops.

[online calculator](#)



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

Brought by the Women of ASPE, this program, 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.