



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 54, No. 10
June 2023

*Save the date for our next ASPE Chicago Chapter
event:*

Stephen Triphahn Memorial ASPE Chicago Golf Outing 2023



When: Friday, June 16, 2023

Where: Makray Memorial Golf Club
[1010 S. Northwest Highway, Barrington, IL 60010](#)

Time:

10:00am	Registration
11:00am	Shotgun Start
4:00pm	Cocktails (Cash Bar) will begin
4:30pm	Reception (Prizes/Dinner)

Lunch will be served between the 9th and 10th holes at the "Tent on the Turn" and beverages will be served on the course throughout the day.



Chicago ASPENews



2022-2023 ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
Thursday, September 08, 2022	Presentation: Copper: Essential Element of Sustainable and Resilient Design Speaker: Harold Moret - Copper Development Association Mfr Spotlight: Bradford White Water Heaters Speaker: Phil Traynor of HSA	0.1	Venuti's 2251 W. Lake Street Addison, IL 60101
September 16-21, 2022	ASPE Convention & Expo		Indianapolis, IN
Thursday, October 20, 2022	Presentation: Smarter, Safer Hot Water: Digital Thermostatic Mixing Stations Speaker: Todd McCurdy - Watts Mfr Spotlight: Watts Speaker: Jason Romano of MCM & Todd McCurdy of Watts	0.1	Noon Whistle Brewing Co 800 E Roosevelt Road Lombard, IL 60148
Thursday, November 17, 2022	Presentation: HUD / FHA Requirements for Multi-Family Buildings Speaker: Todd Spurlin - American Bath Group Mfr Spotlight: American Bath Group Speaker: KC Akalaonu - American Bath Group	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd. Schaumburg, IL 60173
Thursday, December 08, 2022	Booster Night Holiday Party & Casino Night	N/A	Noon Whistle Brewing Co 800 E Roosevelt Road Lombard, IL 60148
Thursday, December 15, 2022	Presentation: Not All Alloys Are Created Equal Speaker: Lauren Berenato & Zach Fromm of Jomar Valve	0.1	Virtual Meeting 12:00 pm to 1:00 pm
Thursday, January 19, 2023	Presentation: How YOU Can Make an Impact with Codes and Standards Speaker: Julius Ballanco Mfr Spotlight: Merit Brass Company Speaker: Nathan Buss	0.1	Moretti's Ristorante 6727 N Olmsted Ave Chicago, IL 60631 (Edison Park)
Thursday, February 02, 2023	Presentation: Corrosion Management for Fire Sprinkler Systems Speaker: Bill Aaron of Engineered Corrosion Solutions	0.1	Virtual Meeting 12:00 pm to 1:00 pm
Thursday, February 16, 2023	Presentation: Safety First! Specifying Emergency Showers & Eyewashes Speaker: Jonny Pingry of Guardian Equip Mfr Spotlight: Guardian Recessed Laboratory Combination Eyewash/ Showers and ASSE 1071 TMV Speaker: Jonny Pingry - Guardian Equipment *Factory Tour* @ 4:40 pm (Engineers/Designers Only)	0.1	Guardian Equipment 1140 N North Branch Street Chicago, IL 60642
Friday, March 17, 2023	ASPE Chicago Product Show and Technical Seminars Co-located with ILPHCC Drury Lane Conference Center, Oakbrook Terrace, Illinois	0.4	Drury Lane Conference Center, 100 Drury Lane, Oakbrook Terrace, Illinois, 60181
Thursday, April 20, 2023	Presentation: Selecting the Correct Fixture Carrier and Design Considerations Speaker: Phil Traynor & Derek Vaughn of HSA Mfr Spotlight: Kohler Commercial Products Speaker: Michelle Bernardi	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd. Schaumburg, IL 60173
Thursday, May 18, 2023	Presentation: Plumbing Installation Demonstrations Speaker: Frank Borkowski No Manufacturer Spotlight - Board Elections & Extended Demonstration Time	0.125	Plumbers Local 130 Training Center 1400 W Washington Blvd Chicago, IL 60607
Friday, June 16, 2023	Stephen Triphahn Memorial ASPE Chicago Golf Outing	N/A	Makray Memorial Golf Club 1010 S. Northwest Hwy. Barrington, IL 60010

If you would like to present any of these topics or become a meeting sponsor, please contact Chris Rohan at aspe.chicago.vptech@gmail.com.

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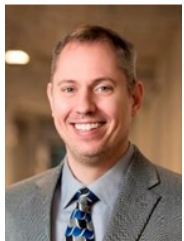
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PRESIDENT'S MESSAGE

Greetings ASPE Chicago. What a great showing at the last meeting of the season! We once again had 40+ members come out and work though several hands-on learning stations at Plumber's Local 130 Training Center. Frank Borkowski was fantastic just like last year. My favorite part of the experience was soldering a 2" pipe. Other stations included PVC welding, lead and oakum cast iron joints and a rather informative demonstration on the difference of fittings at the end of a bank of water closets. The visual demonstration included glass piping so we could see how water flowed through the fittings. It was rather eye opening.

One fine tidbit of knowledge to pass along. This year the Plumber's Local 130 welcomed in over 170 new apprentices. Typically, the number of new apprentices averages between 110-130. This growth is amazing and bodes well for the future. These individuals build all of our designs. We certainly need more plumbers in the field.

In addition to all of the hands-on training activities we did also have the 2023-2025 ASPE Chicago Board Elections. Please join me in welcoming your new ASPE Board. Positions will be official on July 1st. A huge thank you to all the candidates, it is volunteers like you that help our chapter grow!

Here is a list of your ASPE Chicago 2023-2025 Officers:

Board Positions	Chapter Officer
President	Chris Rohan
VP Technical	Justin Wroblewski
VP Legislative	Chris Winnie
VP Membership	Phil Traynor
VP Affiliate	Darren Rich
Treasurer	Lindsey Lehman (new to board)
Administrative Secretary	Chris Swade (new to board)
Corresponding Secretary	Erik Fridlund (new to board)
Appointed Positions	
Golf Chairman	Lauren Barraza
AYP Liaison	Rob Thomm
WOA Liaison	Judy Torres
Newsletter/Webmaster	Jeff Gallagher
Education Chairman	Mark Mannarelli
Social Media Chair	Eric Cottrell
Product Show Chairman	TBD

Stephen Triphahn Memorial ASPE Chicago Golf Outing

Summer is upon us, and June 16 is the Annual Stephen Triphahn Memorial ASPE Chicago Golf Outing at Makray Golf Club. It is expected to be another wonderful outing. I am looking forward to seeing everyone out there to officially close out the ASPE season with Golf, food, fun and Prizes.

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Continued on Page 4

PRESIDENT'S MESSAGE, CONTINUED...

ASPE Connect:

Have you contributed to ASPE Connect at all? Do you have questions that you want some professional guidance on, whether it is a design approach, a type of fixture or general questions about engineering? ASPE Connect membership is active and engaging. So, if you have not yet signed in, please go check it out. The information inside is vital, and the membership is eager to assist anyone looking for guidance, answers, or just to share some information. Better yet it's free for all ASPE members. Click on this link for access. <https://connect.aspe.org/home>

ASPE Chicago gets Social!:

Did you know that ASPE Chicago is also available via social media? You can follow us on the following accounts:



While you are connecting to ASPE Chicago, please also follow ASPE National here:

<https://www.linkedin.com/company/american-society-of-plumbing-engineers/>

<https://www.facebook.com/AmericanSocietyofPlumbingEngineers/>

https://www.instagram.com/aspe_org/

<https://twitter.com/ASPEorg>

End of an Era:

After 8 years of serving on the ASPE Chicago Board, I want to thank everyone for your support and encouragement on what I have done to try and improve the chapter for the better. It is an absolute honor being able to give back to the chapter after being granted so much. I have learned a whole lot as a board member and grew into a leader I never expected I would become. I was very fortunate to have served with the best individuals and I know that the future looks bright for the chapter. The Chicago Chapter is full of amazing people and looks to just keep getting better. I am happy that we continually have members willing to step up and serve on the board. I would encourage everyone to give it a try, it is so rewarding. As I depart my board role, I will continue to support the chapter where I can. Thank you all for making this chapter the best.

Thanks!

Scott Jagodzinski, GPD, CPD

Chicago Chapter President

aspe.chicago.president@gmail.com

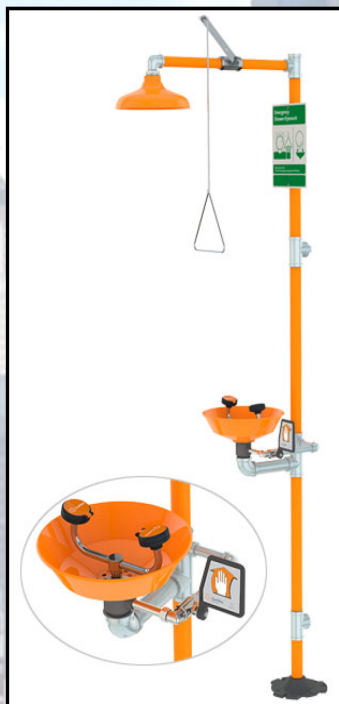


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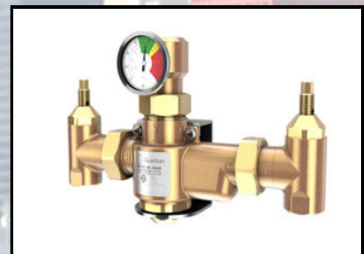
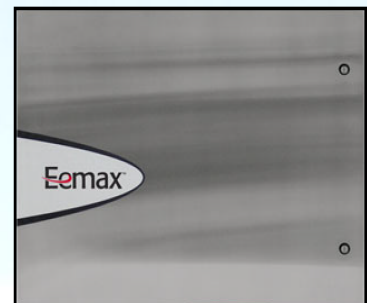
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VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

Greetings ASPE Chicago! Summer is here and I cannot believe I am writing my last article as VP Technical. It has been a hell of a run the last couple of years looking for new venues, interesting topics, virtual opportunities, and just trying new things. With all of that comes some growing pains, but per the popular phrase "If at first you don't succeed, try, try, again!" learning from the mistakes and building upon the successes.

As I move into the role of President for the Chapter, I want to thank our outgoing President Scott, for all his hard work and dedication in helping lead our Chapter post COVID shutdowns. I no doubt have some big shoes to fill and thank him for his leadership and helping push our Chapter forward! Thank you for entrusting me with this role.

Congratulations to our newly elected board for the 2023-2025 term (starting July 1st):

- President – Chris Rohan
- VP Technical – Justin Wroblewski
- VP Legislative – Chris Winnie
- VP Membership – Phil Traynor
- VP Affiliate – Darren Rich
- Treasurer – Lindsey Lehman (new to board)
- Administrative Secretary – Chris Swade (new to board)
- Corresponding Secretary – Erik Fridlund (new to board)

I would like to thank our outgoing Treasurer, Jason Romano, for everything he did to improve the position for both the near and long term. I would also like to thank our outgoing Corresponding Secretary, Eric Cottrell for all his efforts during his term, including finding some great local charities to donate our 50/50 raffles to. Eric will remain an active part of our board as the Social Media Coordinator.

May Meeting

We had another pretty good turnout last month at the Plumbers Local 130 Training Center in downtown. The weather was once again perfect, allowing everyone to enjoy the outdoor terrace and views of downtown during our cocktail hour. Thank you to Tyler Pipe & Couplings for sponsoring the cocktail hour! If you have not been able to attend the last couple years, please be sure to attend next time the opportunity arrives.

I would also like to thank Plumbers Local 130 and Instructor in Charge, Frank Borkowski, for hosting our Chapter at their venue. Frank and his crew of apprentices and other industry experts, including Jerry Thompson of Spears, Jimmy Kane of HSA, and Aaron Kilburg of NIBCO, did a great job of setting up opportunities for attendees to learn and try their hands at various stations. This included pouring a lead and oakum joint, soldering and pressing copper, electrofusion of PP-R pipe, solvent welding of PVC and CPVC pipe, RPZ testing and maintenance, closet carrier installation, and a live flushing rig demonstration of what happens when a horizontal combination fitting is used as the branch fitting, using translucent piping. Using the combination fitting, the hydraulic jump at the fitting caused the water to move both up and downstream regardless of the slope, which could wreak havoc in a building where high wastewater volumes are observed in branch piping.



Even though we allotted more time this year for the activities, the 90 minutes seemed to fly by. If there is anything you would like to see demonstrated in the future, could be any sort of piping configuration or other plumbing system arrangement, please let us know and we can work with Frank to rig up a demonstration. This is a great opportunity for engineers to learn from the guys in the field on what works and doesn't work and why something may not work. Take advantage of the opportunity!

Continued on page 9

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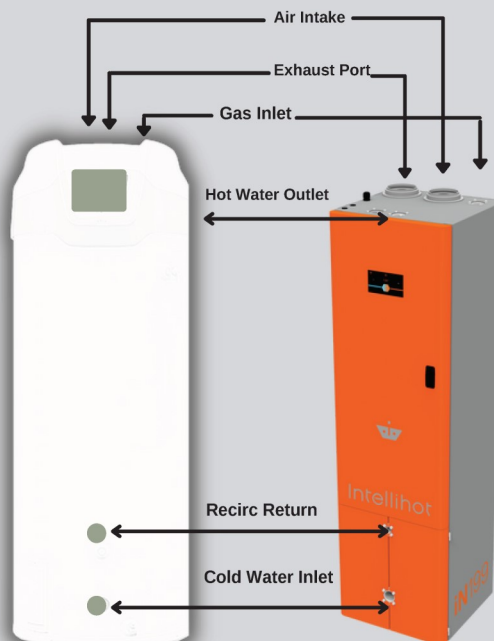
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VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING...CONTINUED

ASPE Technical Symposium – Bellevue, Washington

The Technical Symposium is coming up at the end of September! If you need CEU's, this is a great opportunity to rack up a lot of hours. The symposium is an education centered event that happens every other year with a smaller product show than you would find at a Convention. It is also a great opportunity to network with other engineers and industry experts. I believe the previous attendance records have been broken at each subsequent symposium, so the event has grown in popularity. If you are interested in going, I highly recommend you register as soon as possible. <https://www.aspe.org/2023-tech-symposium/>

The Chicago Chapter will be awarding up to two free trips for this year's symposium. All you need to do is submit a letter to ASPE.Chicago.President@gmail.com as to why you should be selected to attend the event. The deadline for submissions is June 30th!

Future Meetings

Coming up next is the Stephen Triphahn Memorial ASPE Chicago Golf Outing at Makray Memorial Golf Club. It's a great way to close out the year and an event I always look forward to. Thank you to all of our great affiliates and sponsors for their generous support to put on this event. Now, let's just hope for some fantastic weather if anyone would be willing to sponsor that part of the event!

We're already planning for next year, so if you have an idea for a technical presentation you want to see, or you have a great technical session you want to present, please reach out to your newly elected Vice President Technical, Justin Wroblewski and we can look to get you or your topic on the list for the Expo or for the meeting season next year. We are also looking to lock in Manufacturer Spotlights and Cocktail Hour sponsors as well if you have interest.

I leave you with a couple more photos from our May meeting at Plumbers Local 130 Training Center. [Click here](#) to see



more!



Chris Rohan, CPD

Chicago Chapter Vice President, Technical

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VICE PRESIDENT, LEGISLATIVE

Greetings Chicago Chapter Members!

Thanks for re-electing me as your Vice President – Legislative (VPL). As VPL I bring you the hottest content on plumbing engineering codes, best practices and lessons learned. If you've enjoyed this format, please consider sharing what you liked to help set expectations for my second term! Please email me at aspe.chicago.vpl@gmail.com with any options you want to learn more about and I'll figure out how to get the content out. Feel free to expand upon the suggestions and/or create your own suggestion!

City of Chicago Updates:

To stay up to date on the happenings of the City Council and Committees, you can find the regularly updated calendar here [Office of the City Clerk - Meetings \(legistar.com\)](http://legistar.com)

Procedures for Calculating the Minimum Sizing of the Water Supply System:

As engineers, we sometimes find ourselves pushing the boundaries between what code allows us to do and what we know is right. Our efforts for improving resiliency and sustainability while staying within the owner's budget informs our decision making and prove our worth at project completion.

Today I'd like to showcase two ways to size portions of your water supply system and would love to hear your opinion. Let's assume there are 10 lavatories that we are sizing water supply to.

note The remaining fixtures in building are fed by different supply pipes, we are only looking at these 10 lavatories.

Option #1: Size following City of Chicago Building Code Appendix A

Step 1: How many water supply fixture units (WSFU)? (Table 18-29-604.10.1 is below)

Step 2: Convert WSFU to gallons per minute (GPM). (Table 18-29-604.10.2 is below) (Copper Type L pipe sizing chart is below)

Step 3, Step 4, Step 5, Step 6, Step 7, Step 8, Step 9: Assume pressure and meter is sufficient and selected. We are looking at a single level with 10 lavatories.

Step 1: Ten lavatories have a value of 2 WSFU. Hot and Cold each count for 1.5 WSFU per lavatory.

Total Cold WSFU = Total Hot WSFU = $10 * 1.5 = 15$ WSFU

Step 2: Per the water demand conversion table, 15 WSFU equates to 11.4 GPM.

Following the Copper Type L sizing chart, you could select either a $\frac{3}{4}$ " or a 1" pipe for cold water supply. Assuming 11.4 GPM and a $\frac{3}{4}$ " pipe would result in 15 PSI drop per 100 feet. Assuming 11.4 GPM, the hot water pipe could not be $\frac{3}{4}$ " because the copper institute requires hot water to stay below 5 feet per second velocity. For both of these reasons, the supply piping selected would be a 1" for cold water and a 1" for hot water.

Option #2: Size using the flow rates of the lavatories we specify and assuming 100% of the lavatories are being used simultaneously.

Step 1: What is the flow rate of the fixtures specified?

Step 2: Sum the fixture flow rates.

Step 3: Use The Copper Type L pipe sizing chart below. T_h

Step 1: Assume each lavatory faucet is sensor type with an ASSE 1070 valve outlet set to 105°F @ 0.5 GPM. The inlet cold water temp is 40°F and the inlet hot water temp is 140°F. Using the mixed water temperature formula from Chapter 6 of PEDH Volume 2:

$$P = \frac{T_m - T_c}{T_h - T_c}$$

we can calculate the hot water flow required. We find that each ASSE 1070 mixing valve requires 0.325 GPM hot water and 0.175 GPM of cold water.

Continued on next page

VICE PRESIDENT, LEGISLATIVE, CONTINUED...

Step 2: Total flow rate of hot water = $10 * 0.325 = 3.25$ GPM

Total flow rate of cold water = $10 * 0.175 = 1.75$ GPM

Step 3: The hot water flow rate of 3.25 GPM could be supported by either a ½" or ¾". If all ten fixtures could be used simultaneously, a ½" supply pipe might not work because of the 10 PSI drop per 100 feet concern. Using a ¾" supply, all ten lavatories could be used and the pressure drop would be below 2 PSI/100ft. If you aren't designing for a stadium or for a core toilet outside of an auditorium, a ½" might be adequate for your project.

The cold water flow rate of 1.75 GPM could be supported by either a ½" or ¾" pipe. The ½" pipe would have a 3 PSI/100ft pressure drop if all ten lavatories are used simultaneously, which is an acceptable pressure drop unless your owner or local authority has a requirement to stay below 2 PSI/100ft pressure drop for the entire water system.

Is there a 3rd option that isn't listed here? Have you sized water supply pipes following Option #2? Have you used Option #2 and then added your own diversity to reduce the flow rate you were sizing for? As engineers we have to design a reliable system and be ready to defend our reasonings and decision making.

Table 18-29-604.10.2 – Part 1
Conversion of Total Water Demand

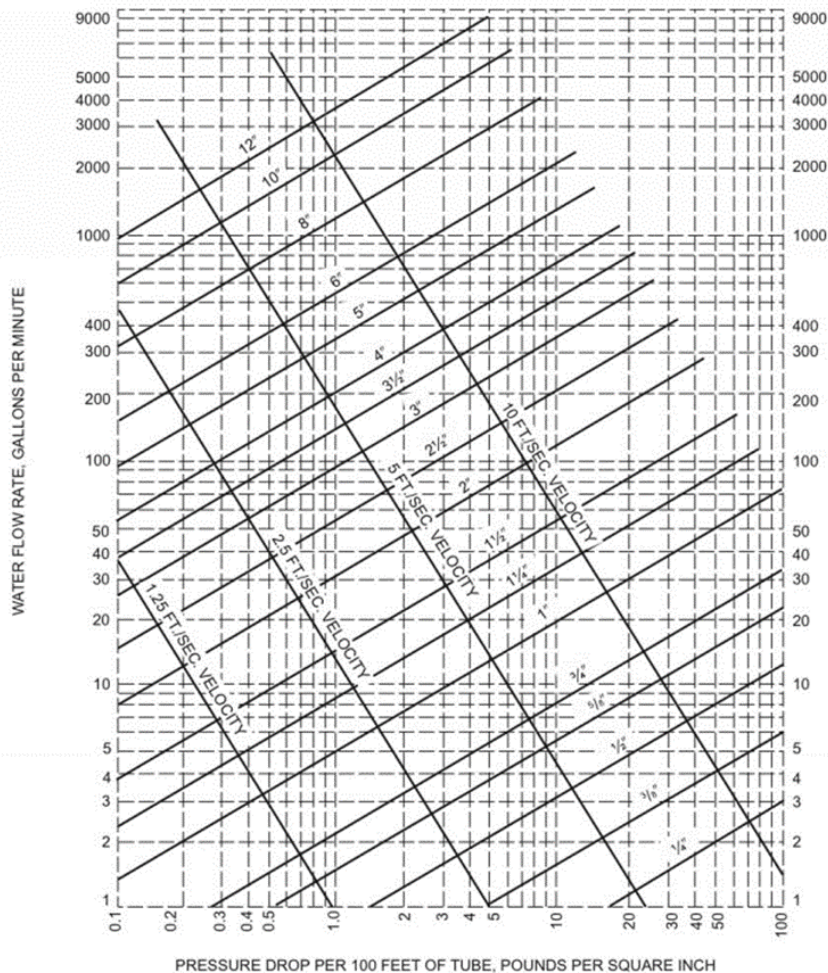
For Systems Predominantly Flush Tanks	
Load	Demand
1	1.5
2	2.5
3	3.3
4	4.0
5	4.8
6	5.5
7	5.7
8	6.9
9	7.5
10	8.2
11	8.8
12	9.5
13	10.1
14	10.8
15	11.4
16	12.0

Table 18-29-604.10.1
Demand Weight of Fixtures in Fixture Units

Fixture Type	Occupancy Use	Valve Type	Fixture Units
Water Closet	Public	Flush Valve	10
Water Closet	Public	Flush Tank	5
Urinal 1"	Public	Flush valve	10
Urinal 3/4"	Public	Flush valve	5
Urinal Tank	Public	Flush tank	3
Lavatory	Public	Faucet	2

Continued on next page

VICE PRESIDENT, LEGISLATIVE, CONTINUED...



Note: Fluid velocities in excess of 5 to 8 feet/second are not usually recommended.

Please reach out to me if you have any code questions, code updates, ideas for topics of discussion, or you are looking for any interpretations and I will try and include pertinent information in future newsletters. Hope to see you at the golf outing. Cheers!

If you have questions, or want to discuss, feel free to reach out to me at aspe.chicago.vpl@gmail.com. Also if you have any topics of design ideas that you're aware of but might not be explicitly obvious, please share and I can include in a future newsletter!

International Code Council – 2027 Codes:

The process of updating the International Building Codes for the 2027 edition will open in September of this year. If you have any changes you want to make to any of the International Codes, get ready to submit. Thank you to Julius Blanco for sharing the process he uses to submit code changes in the January meeting!

State of Illinois Updates:

There has been no action related to the State of Illinois Plumbing Code. Additionally, there are no scheduled Illinois Plumbing Code Advisory Council Meetings. If that changes, I will let you know. To keep up on scheduled IDPH Events, the regularly updated calendar can be found here: <http://www.dph.illinois.gov/events>

Please reach out to me if you have any code questions, code updates, ideas for topics of discussion, or you are looking for any interpretations and I will try and include pertinent information in future newsletters.

Thanks!

Chris Winnie
Chicago Chapter Vice President, Legislative
ASPE.Chicago.VPL@gmail.com



VICE PRESIDENT, MEMBERSHIP / AMBASSADOR

Greetings,

ASPE Chicago is offering one member a chance to earn a free year of membership (\$200). To win the free membership, any active Chicago Chapter member, who is also an engineer, must attend at least 4 meetings to be eligible. You must RSVP on time and attend the meeting. We will announce the winner at the Steve Triphahn Memorial Golf Outing in June.

Our current membership numbers are climbing. We currently have 279 members in the Chicago ASPE Chapter. New York City - 342 – Boston 270.

Our newest member to join our chapter is:

- **David Shu – Ameresco**

Please welcome him to the chapter!

For those looking to obtain your CPD here are some practice questions for you to answer. Answers will be given the following month, or if you'd like them sooner, please reach out to me.

13. What is the velocity of flow in feet per second for a 4-inch sanitary drain flowing half full at $\frac{1}{4}$ " per foot slope?

- a. 1.97
- b. 2.90
- c. 20.27
- d. 5.67

14. What is the hydraulic mean depth of flow or "hydraulic radius" for a 4" pipe that is half full?

- a. 0.0625
- b. 0.0833
- c. 0.1040
- d. 0.1250

15. If a fire sprinkler has a coefficient (K) of 7.6, the flow rate in gpm when the pressure at the head is 15 psi is:

- a. 24.29
- b. 29.43
- c. 41.35
- d. 57.00

Last Months Answers : C,C,D

Stay Healthy,

Justin Wroblewski, CPDT

Chicago Chapter Vice President, Membership / Ambassador

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VICE PRESIDENT, AFFILIATE

Greetings Chicago ASPE Members!

I would like to welcome the new officers and board members to the team! I look forward to working with you guys for the next 2 ASPE years! June is here and it marks the end of our ASPE year... after the Stephen Triphahn Memorial Golf outing, there is a couple month break from ASPE Meetings, but your board does not sit quiet. We retool, re-organize, and prepare for another event filled ASPE Year!

June finishes off the ASPE Season with the very popular Stephen Triphahn Memorial Golf outing, once again at the beautiful Makray Memorial Golf Club in Barrington! Sadly, I will miss the golf outing for the first time in forever! I hope everyone attending has a great time, the weather is exceptional, and its an event people will talk about for a while! Good Luck to everyone!

I hope our meeting in September kicks off with great participation and the start to a successful ASPE year and hope to see membership grow. September also brings us the Tech Symposium starting September 28th – October 1st in Bellevue, WA.

Are you interested in advertising in our newsletter? Reach out to me for special pricing for long term advertising! Just want to do a month or 2? See the rates in this publication.

Remember affiliates! I am your voice to the ASPE board, at any time you would like something brought to the boards attention. Please, reach out to me and I will bring it before the board! Ideas? Problems? Suggestions? Don't let your voice go unheard.

I hope everyone enjoys their summer and will see many of you prior to the start of the ASPE Season! Stay Safe! See you all soon!

Darren Rich

Chicago Chapter Vice President, Affiliate

P# 224.833.6023 aspe.chicago.vpaff@gmail.com



ADMINISTRATIVE SECRETARY

Happy June ASPE Chicago,

Congratulations to the following winners at last month's meeting!:

- Engineer Door Prize sponsored by Inland Sales/Mid-Continent Marketing - Sean Allard
- Free Dinner Raffle - Scott Jagodzinski
- 50/50 Enhanced Raffle (Chicago Food Depository)- Frank Borkowski - \$250

In recent years, the plumbing industry has witnessed a remarkable evolution driven by technological advancements, environmental concerns, and an increasing focus on water conservation. Plumbing engineers are at the forefront of these changes, spearheading innovative solutions that promote both efficiency and safety in the water supply and sanitation systems. I would like to take a little time to discuss one of the many innovations that's often VE'd out due to up-front cost.

The integration of green infrastructure into plumbing design has gained significant attention. Plumbing engineers are incorporating features like green roofs, rain gardens, and permeable pavements into building projects. These elements help manage stormwater runoff, enhance water quality, and reduce the burden on municipal water treatment facilities. By combining traditional plumbing expertise with sustainable landscape design principles, engineers are creating environmentally-friendly and resilient water systems.

As the plumbing industry continues to evolve, plumbing engineers remain at the forefront of innovation. Their dedication to water conservation, sustainable practices, and public health ensures the development of safe, efficient, and environmentally-conscious plumbing systems. With ongoing advancements and collaborative efforts, the future of plumbing engineering looks promising, promising a world where water resources are maximized and protected.

Thank you,

Phil Traynor, HSA

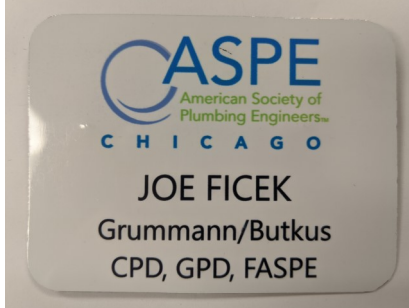
Chicago Chapter Administrative Secretary

aspe.chicago.admsec@gmail.com

ORDER YOUR ASPE CHICAGO BADGE!

Are you tired of being the only one at the meeting without a fancy ASPE Chicago name badge? Do you want to update your badge so it has your new name or company?

The Chicago Chapter is proud to offer once again our badge promotion!



Costs:

Badges: \$15
Shipping (optional): \$5

Make checks payable to "ASPE Chicago Chapter" and either drop off your check at one of the Chapter Meetings or mail it to:

**ASPE Chicago Chapter
c/o Mark Mannarelli/Syska Hennessy Group
330 N. Wabash Ave, Ste. 1505
Chicago, IL 60611**

Name and Company will be printed on the badge as listed below - if you leave blanks or list other names, they WILL be printed on the badge. If you would like your badge mailed to you, please include this information. You can mail or email this form. Badge order will not be processed until payment is received. Send emails to mannarelligm@gmail.com

Please indicate your preferences:

Name: _____
Company: _____

Fastener style (please circle one):

- Clip
- Magnet

This promotion is for ASPE Chicago members only!



ATTENTION MANUFACTURERS AND MANUFACTURER REPS!

Do you want the opportunity to reach out to the Chicago ASPE Community consisting of almost 700 viewers? One of the LARGEST Markets in the Industry?



**Hit your targeted customers by advertising in the ASPE
Monthly Newsletter!**

Full Page Ad \$200

1/2 Page Ad \$125

1/4 Page Ad \$75

Specials offered for committing to multiple months.

Please contact Darren Rich for more information

P# 224-833-6023 / Email: aspe.chicago.vpaff@gmail.com



CORRESPONDING SECRETARY: INDUSTRY NEWS

Looking forward to our annual Golf Outing!! Can't wait to see you all there! I hope we are all ready to have a fantastic summer too!

I would also like to mention that ASPE Chicago is on Social Media! Please feel free to send over pictures you have of some jobs you are working on, and pictures from any other ASPE events you may have at ASPE.chicago.social@gmail.com

Follow us on:



Please see below a number of different opportunities around our community that would benefit those of you who chose to invest your time.

American Society of Sanitary Engineering (ASSE)

94th Annual Education and Business Conference

Date: September 24th-28th

Location: Hyatt San Antonio

INFO: <https://www.iapmo.org/ibu/events>

American Institute of Architects (AIA)

Eastern Illinois Chapter

2023 White Sox Summer Outing

Date: June 23rd, 2023

Time: 5:00pm to 11:45pm

Location: Guaranteed Rate Field (Comiskey Park/White Sox Park) Princeton Ave, Chicago, IL

INFO: <https://aiaaic.org/meetinginfo.php>

Illinois Chapter of ASHRAE

No Meetings/Events Scheduled At This Time

Golf Outing In September

INFO: https://illinoisashrae.org/meetinginfo.php?p_or_f=f

Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)

Current Illinois PHCC CEU Schedule

INFO: <https://www.ilphcc.com/continuing-education>

National Fire Protection Association (NFPA)

Conference & Expo

Date: June 19-21

Technical Meeting

Date: June 22

Location: Mandalay Bay Convention Center, Las Vegas

Event List: <https://www.nfpa.org/conference>

Society of Fire Protection Engineers (SFPE)

CCHRB: Chicago Committee On High Rise Buildings, 2023 Scholarship Seminar

Location: The Auditorium at AON Center, 200 East Randolph Street, Chicago, IL 60601

Time: 8:30am to 1:00pm

INFO: <https://chicagosfpe.org/meetinginfo.php>

Illinois Rural Water Association

Administrative Conference

Date: July 13th & 14th

Location: Eastland Suites, Bloomington, IL

INFO: <https://www.ilrwa.org/training/conference.html>

National Rural Water Association (NRWA)

No Events in Chicagoland Area

https://nrwa.org/annual_events/

American Water Works Association Illinois Section

Find all up coming events here (there are multiple events)

https://www.isawwa.org/events/event_list.asp

If there are any other organizations that you would like to stay current on, please send me an email and they will be added to the list for our next newsletter.

Eric Cottrell, Mid-Continent Marketing

Chicago Chapter Corresponding Secretary

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