



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 52, No. 7
March 2021

Chicago Chapter General Meeting Thursday, March 18, 2021



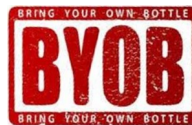
The Chicago ASPE Chapter will once again be hosting
a virtual meeting this month!

MAIN PRESENTATION BY:



VIRTUAL AGENDA

12:00pm Virtual Lunch Hour Liquid Refreshments
Sponsored By:



12:00pm—1:00pm *Main Presentation:* Introduction to NFPA 99: The Healthcare Code by Jim Lucas with Tri-Tech Medical & NFPA 99 Technical Committee (0.1 CEUs Available!)

Registration/ Meeting Link:

Note: You MUST sign into the ASPE Education website first if you want to obtain CEU credit. This will also provide access to the zoom meeting:

<https://education.aspe.org/products/chicago-chapter-introduction-to-nfpa-99-mar-2021>

Please see VP Technical, Scott Jagodzinski's article further in this newsletter for additional information on the speaker and registering for our virtual meeting!!

VIRTUAL MENU





Chicago ASPENews



2020-2021 Preliminary ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
Thursday, September 17, 2020 12:00 PM - 1:00 PM	Presentation Topic: Introduction to Vacuum Plumbing Speaker: Mike Stach EVAC North America	0.1	Virtual Zoom Meeting Register at https://education.aspe.org/upcoming
Thursday, October 15, 2020 12:00 PM - 1:00 PM	Presentation Topic: Booster Pumps/Systems 101 Speaker: Reece Robinson Grundfos	0.1	Virtual Zoom Meeting Register at https://education.aspe.org/upcoming
Thursday, November 19, 2020 12:00 PM - 1:00 PM	Presentation Topic: Engineered Infection Prevention Speaker: Carmen Gonzalez FRANKE Commercial	0.1	Virtual Zoom Meeting Register at https://education.aspe.org/upcoming
Thursday, December 17, 2020 12:00 PM - 1:00 PM	Presentation Topic: Valves 101 Speaker: Jason Slott & Joe Wolff with Aalberts Integrated Piping Systems	0.1	Virtual Zoom Meeting Register at https://education.aspe.org/upcoming
Thursday, January 21, 2021 12:00 PM - 1:00 PM	Presentation Topic: Corrosive Waste Drainage Systems and Plenum Considerations Speaker: Averie Palovcak from Arkema	0.1	Virtual Zoom Meeting Register at https://education.aspe.org/upcoming
Thursday, February 18, 2021 12:00 PM - 1:00 PM	Presentation Topic: Medical Gas Design: Choosing the Technology Speaker: Josh Pedraja with Pattons Medical	0.1	Virtual Zoom Meeting Register at https://education.aspe.org/upcoming
Thursday, March 18, 2021 12:00 PM - 1:00 PM	Presentation Topic: Introduction to NFPA 99: The Healthcare Code Speaker: Jim Lucas with Tri-Tech Medical & NFPA 99 Technical Committee	0.1	Virtual Zoom Meeting Register Here
Thursday, April 15, 2021 Time: TBD	Presentation Topic: Rethink Water Heating Speaker: TBD with Eemax	0.1	Virtual Zoom Meeting Register at https://education.aspe.org/upcoming
Thursday, May 20, 2021 Time: TBD	Presentation Topic: Review of Changes to Chicago Plumbing Code Speaker: Grant Ulrich, City of Chicago	0.1	Virtual Zoom Meeting Register https://education.aspe.org/upcoming
June 18, 2021	*Tentative* Annual Golf Outing	N/A	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates

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

THE CHICAGO ASPE CHAPTER WOULD LIKE TO
THANK THIS MONTH'S MAIN TECHNICAL
PRESENTATION BY:



Title of presentation: *Introduction to NFPA 99: The Healthcare Code by Jim Lucas with Tri-Tech Medical & NFPA 99 Technical Committee.*

This presentation provides an introduction to NFPA 99 Chapters 1 – 5 and the role they play in establishing the groundwork for the minimum medical gas systems requirements, installation, testing, verification and maintenance. In addition, the scope, purpose, and fundamentals of the code are explained. Typical product photos have been woven into the presentation to aid in the understanding of the medical gas equipment being discussed.



Jim Lucas Bio:

Jim has been a Vice President of Tri-Tech Medical for over 20 years and worked in the compressed gas industry for nearly 35 years and has served on the NFPA Technical Committee on Piping Systems for 16 years.

THANK YOU!!



PRESIDENT'S MESSAGE

President's Message:

While I understand getting a vaccination appointment has been troubling in the Chicago area, it appears that things may soon be changing. The single dose COVID-19 vaccine by Johnson & Johnson has been authorized by the U.S. FDA. The President says all adults should be able to be vaccinated by the end of May. It would seem there is more than just warm weather to look forward to as Spring arrives!

February Virtual Meeting Recap:

Thanks to everyone who attended our February Chapter meeting. I would like to thank Josh Pedraja of Patton's Medical for giving us a great presentation on Medical Gas Systems. **Please join us for our March meeting where our technical presentation will be an Introduction to NFPA 99.** Please review our VP Technical Section of this Newsletter for more info.

Chicago ASPE Golf Outing:

As most of you are aware the Chicago ASPE Annual Golf Outing that is tentatively scheduled for Friday, June 18th, 2021, is fast approaching! We have been in touch with the folks at Hilldale Golf Club and as it stands right now, the State of IL is not permitting shot gun starts. We are closely monitoring the situation and will make a decision soon on whether we can either keep the current date, postpone, or cancel entirely. Stay tuned!

CPD Exam Registration is Open:

Are you considering taking the Certified in Plumbing Design (CPD) Exam? I strongly encourage you to better yourself and your company, (what better time than this lockdown?!). The 2021 CPD Exam will be held via remote proctor from April 5 - 16, 2021. Exam registration closes April 8, 2021.

CPD Review Classes Coming Up:

The Chicago Chapter will be providing a FREE virtual CPD review class for current Chicago Chapter members. If you are interested be sure to email me directly for details. We have some CPD review material we can provide you as well. Please note this class is intended as a supplemental study resource for the CPD exam. Those taking the exam are strongly encouraged to utilize resources listed in the CPD Bulletin of Information to prepare for the CPD exam.

CPD Renewal Coming Up for Some:

For those of you who have your CPD/CPDT renewal coming up, don't forget you need to have 2.4 CEUs (24 hours) with half of those from ASPE approved providers by April 30th. <https://www.aspe.org/education-credentialing/cpd/recertification/>

Chapter Scholarship Funds Available:

Are you aware that the ASPE Chicago Chapter gives out Scholarships? The ASPE Chicago Chapter, in an effort to promote the field of plumbing engineering, created the ASPE Chicago Chapter Engineering Scholarship to recognize a graduating high school student or college student who is/will be participating in an engineering curriculum. See below for requirements and reach out to me if you are interested.

Scholarship Award Amount

ASPE Chicago Chapter will bestow a maximum of two (2) \$1,000 (U.S.) scholarships in any one application year. The scholarship will be awarded in one (1) \$1,000 payment. The award will be paid directly to the college, university or technical school into the scholarship recipient's tuition payment account.

1. The ASPE Chicago Chapter Engineering Scholarship is limited to a current ASPE Chicago Chapter member and his/her immediate family, (i.e., spouse or child), planning a career in engineering.

Continued on Page 6

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PRESIDENT'S MESSAGE, CONTINUED...

2. The eligible individual must be:
 - a. Enrolled, as of the application year, as a full-time student in a college, university or technical school; and
 - b. Have maintained a minimum overall grade point average of 3.0 on a 4.0 grading scale; or its equivalent; and
 - c. Plans to attend a college, university, or technical school on a full-time basis as of the summer semester of the application year; and
 - d. Is enrolled in a school or program of engineering.OR
3. A senior high school student who:
 - a. Will graduate as of June of the application year; and
 - b. Plans to enroll in a college, university, or technical school on a full-time basis (a minimum of 12 credit hours per semester) as of the fall or summer semester of the application year; and
 - c. Has been officially accepted by a college, university, or technical school on a full-time basis as of the fall or summer semester of the application year; and
 - d. Plans to enroll in a school or program of engineering.

Thank You,

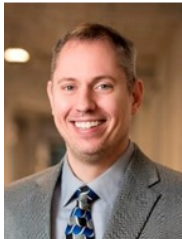
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VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

Hello ASPE Chicago Chapter Members.

Everyone should finally be able to dig free and actually see some grass on the ground by now, thankfully. Warmth is on the way. This is also the time of year where College Basketball is king. The Tournament is getting close to beginning and in a short time the brackets will be released. With the excellence of the Big Ten teams this year, maybe this is the year where a Big 10 will cut down the nets. Are you rooting for a Big 10 team? Big 12? It is looking to be another unpredictable event.

I want to thank everyone who made our February presentation. Josh Pedraja from Pattons Medical presented on Medical Gas Design: Choosing the Technology. A big thanks to Josh for his presentation. It was well received and generated a lot of questions.

For our next meeting:

Title of presentation: Introduction the NFPA 99: The Health Care Code by *Jim Lucas from Tri-Tech Medical, Inc. & NFPA 99 Technical Committee.*

- Our meeting time will occur at **12:00 PM, Thursday March 20, 2021**. I have the duration of the meeting set for 75 minutes to allow for the presentation, our chapter items for the month, should there be any, as well as allowing any additional questions following.
- You will still need to register to access the meeting. And CEU's will be provided for anyone who desires, and this will automatically show up on your account.

If you are an active ASPE member please register for the meeting by going to <https://education.aspe.org/products/chicago-chapter-introduction-to-nfpa-99-mar-2021>

- You will need to sign into the ASPE Education website first.

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VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING, CONTINUED...

- If you are having trouble logging in to the meeting or if you are not a current member of ASPE, please use the link below. You will need to create an account, so this must be done at least 3 days in advance of the meeting, to ensure you are able to get your account set up and we can assist if there are any issues. <https://education.aspe.org/moreinfo>
- All attendees are required to complete a program evaluation in order to receive your CEU. If you do not fill out the evaluation you will not be credited, and I will not be able to help you.
- The meeting will not be recorded so please be present and on time.
- You can test your computer, or phone, beforehand to check if your device is compatible with Zoom software following this link. Please note that you will have to download software/app for best results. <https://zoom.us/test>
- When you enter the meeting, you will be automatically muted. A Q & A box will be available to type any questions you have, and I will moderate to pass questions along to the speaker. But new to this season the ZOOM Webinar we were using is changing to ZOOM Meeting format. Each member will actually be allowed to unmute and speak for themselves rather than being required to type out their questions, but I do hope that people attending will take care to not remain unmuted. You may continue to type questions if you feel more comfortable and I will relay to speaker on your behalf.
- You can log into the meeting as early as 15 minutes in advance.
- Primary login is now required to go through the ASPE Education links above to bypass all the zoom login requirements as there will no longer be a Zoom ID option available to limit outsiders from accessing the meetings.

I wanted to ask our members a few questions. Please feel free to send your responses to my email below.

- Did you attended any of our virtual meetings; how did you think it/they went?
- Was lunch hour a good time frame to have it?
- If you did not attend but wanted too, what prevented you from being able to join?
- What time would work best for you?
- Has anyone attended any other chapter's virtual meetings? In case you didn't know, all meetings set up through Society are available for any ASPE member to attend. You just log into your ASPE Education account at this website here: <https://education.aspe.org/upcoming> and you can see all the upcoming webinars. It is a good opportunity to earn CEUs but also good to see what other chapters are providing members around the country.

It is never too early to think about the next ASPE Chicago Chapter season 2021/2022. 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 me and we can look to get you or your topic on the list for an upcoming presentation. Slots do fill up quickly. We are still also looking to lock in Manufacturer Spotlights and Cocktail Hour sponsors as well just in case we can move out into the real world again.

Thanks!

Scott Jagodzinski, GPD, CPD
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VICE PRESIDENT, LEGISLATIVE

Greetings Chicago Chapter Members!

March Madness is here! Crazy to think last year at this time, March Madness had a completely different meaning, when everything normal about our daily lives had been taken away. Thankfully, brighter, and warmer days are ahead, and we will get to fill out basketball brackets this year! Rock Chalk Jayhawk!

City of Chicago Updates

We are still waiting for the proposed Chicago Plumbing Code, Mechanical Code, and Fuel Gas Code amendments to be put in front of the City Council. The next scheduled meeting for the Zoning, Landmarks, and Building Standards Committee is March 23, 2021 and the agenda has not yet been posted. If you would like to review a draft copy of the proposed amendments, please reach out to me ASPE.Chicago.VPL@gmail.com.

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.

Residential Water Demand Calculator

For those engineers who do a lot of work in the single and multi-family residential dwellings sector, a modernized water demand sizing method may be of interest to you. The way we currently size plumbing systems has been significantly impacted with the integration of low flow fixtures into many of our projects. Although the codes have been adopting more stringent flow requirements, what has not changed are the Hunter's Curve based sizing tables. You may be familiar with a modified Hunter's Curve, which differentiates water demands depending on the project application, but are you aware that there is a new recognized tool available to assist you with your design?

In 2011, IAPMO and ASPE convened a task force to look at the methodology used to estimate water demand in direct response to the increased use of water conserving fixtures within residential buildings. The research performed over the next few years led to the development of a Water Demand Calculator (WDC) to specifically address the oversizing of water distribution systems in **single and multi-family dwellings**. This calculator was the first application of an improved sizing method that has not changed in over 80 years! As a result of the updated sizing method, cost savings, better efficiency, and better water quality can be achieved. Studies have shown a 15-65% decrease in water demand estimates (depending on the size of the project) when compared to current design methods used in the baseline codes.

To prove the cost savings, IAPMO commissioned Stantec Engineering to perform a third-party study to calculate the material and labor cost savings that could be achieved by using the new method as compared to the Uniform Plumbing Code (UPC), International Plumbing Code (IPC), and International Residential Code (IRC). The study generated by Stantec can be found here https://www.iapmo.org/media/25249/water_demand_calculator_study-final.pdf

Since the study above was based on the UPC, IPC, and IRC codes, I wanted to localize the comparison. I compared the sizing method used in the 2014 Illinois Plumbing Code to the WDC using a basic, 35-unit apartment building. Each unit is comprised of a bathroom, clothes washing machine, kitchen sink, and dishwasher. Section 890.TABLE M (right) tells us this equates to 11 WSFU per unit, 385 WSFU for the building.

Section 890.APPENDIX A Plumbing Materials, Equipment, Use Restrictions and Applicable Standards

Section 890.TABLE M Load Values Assigned to Fixtures

Fixture	Occupancy	Type of Supply Control	Load Values in Water (Supply Fixture Units)		
			Cold	Hot	Total
Water Closet	Public/Private	Flush Valve	10	—	10
Water Closet	Public/Private	Flush Tank	3	—	3
Urinal	Public	1" Flush Valve	10	—	10
Urinal	Public	3/4" Flush Valve	5	—	5
Urinal	Public	Flush Tank	3	—	3
Lavatory	Public	Faucet	1	1	2
Bathtub	Public	Faucet	3	3	4
Shower Head	Public	Mixing Valve	2	2	3
Service Sink	Offices, etc.	Faucet	2	2	3
Kitchen Sink	Hotel/Restaur.	Faucet	3	3	4
Drinking Fountain	Office, etc.	3/8" Valve	0.25	—	0.25
Lavatory	Private	Faucet	0.75	0.75	1
Bathtub	Private	Faucet	1.5	1.5	2
Shower Stall	Private	Mixing Valve	1	1	2
Kitchen Sink	Private	Faucet	1.5	1.5	2
Laundry Trays (1 to 3)	Private	Faucet	2	2	3
Dishwashing Machine	Private	Automatic	—	1	1
Laundry Machine (8 lb)	Private	Automatic	1.5	1.5	2
Laundry Machine (16 lb)	Public/ General	Automatic	3	3	4

Continued on Next

VICE PRESIDENT, LEGISLATIVE, CONTINUED...

Section 890.TABLE N (below) tells us that 385 WSFU is equivalent to 102 GPM.

WSFU	Demand (GPM)	Pipe Size (Inches)	Pressure Loss (PSI/100' of Pipe)	Velocity (Ft./Sec.)	Meter Size (Inches)
180	61	2"	3.9	6.1	2"
200	65	2"	4.5	6.6	2"
225	70	2"	5.2	7.1	2"
250	75	2"	6.0	7.7	3"
275	80	2½"	2.6	5.5	3"
300	85	2½"	2.9	5.8	3"
385 WSFU	95	2½"	3.5	6.5	3"
102 GPM	105	2½"	4.2	7.1	3"
450	115	2½"	5.0	8.0	3"

When compared to the calculation produced by the WDC indicated in the graphic below, you can see the substantial difference in peak demand at 22.4 GPM, a 78% reduction!

Water Demand Calculator (WDC v2.0)

PROJECT NAME: Multi-Family Building

Total Number of Apartments in the Building: 35

Total Apartments in this Calculation: 35

Monday, March 1, 2021 1:09 PM

FIXTURE GROUPS	FIXTURE	ENTER TOTAL NUMBER OF FIXTURES	PROBABILITY OF USE (%)	ENTER FIXTURE FLOW RATE (GPM)	MAXIMUM RECOMMENDED FIXTURE FLOW RATE (GPM)
Bathroom Fixtures	1 Bathtub (no Shower)	0	0.49	5.5	5.5
	2 Bidet	0	0.58	2.0	2.0
	3 Combination Bath/Shower	35	1.87	5.5	5.5
	4 Faucet, Lavatory	35	1.29	1.5	1.5
	5 Shower, per head (no Bathtub)	0	1.27	2.0	2.0
	6 Water Closet, 1.28 GPF Gravity Tank	35	0.58	3.0	3.0
Kitchen Fixtures	7 Dishwasher	35	0.35	1.3	1.3
	8 Faucet, Kitchen Sink	35	1.29	2.2	2.2
Laundry Room Fixtures	9 Clothes Washer	35	1.80	3.5	3.5
	10 Faucet, Laundry	0	1.29	2.0	2.0
Bar/Prep Fixtures	11 Faucet, Bar Sink	0	1.29	1.5	1.5
	12 Fixture 1	0	0.00	0.0	6.0
Other Fixtures	13 Fixture 2	0	0.00	0.0	6.0
	14 Fixture 3	0	0.00	0.0	6.0

COMPUTED RESULTS FOR PEAK PERIOD CONDITIONS

Total No. of Fixtures in Calculation: n = 210

99th Percentile Demand Flow: Q = 22.4 GPM

Hunter Number: H(n,p) = 2.51

Stagnation Probability: Pr[Zero Demand] = 8%

DOWNLOAD RESULT | RESET WDC | Select Units for Water Demand: GPM | LPM | LPS | RUN WDC

Are we permitted to use the new method in Illinois and Chicago? The answer is a qualified yes. However, ALWAYS talk to the local authority before proceeding with methods not published in the locally adopted code. When using alternate sizing methods, the design must be submitted as an “engineered design.”

The Illinois Plumbing Code reads as follows:

Section 890.1210 Design of a Building Water Distribution System

b) Size of Water Distribution Pipes. The fixture supply for each fixture shall be at least the minimum size provided in Appendix A.Table D. The size of all other water distribution pipes shall be determined by calculating the water supply demand (in water supply fixture units) for that portion of the water distribution system served by the pipe. Using Appendix A.Tables M, N, O, P and Q, the cumulative water supply demand or load shall be calculated for all fixtures, piping, valves and fittings served by the water distribution pipe, and the pipe shall meet the minimum size provided in Appendix A.Table N or O, as applicable.

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VICE PRESIDENT, LEGISLATIVE, CONTINUED...

Exception: As an alternative to using Tables M, N, O, P and Q to design and size the piping in the water distribution system, the system may be designed and sized employing current engineering practices, provided that the design/plans are approved in writing by an Illinois licensed professional engineer, an Illinois licensed architect or an individual Certified in Plumbing Design (CPD) by the American Society of Plumbing Engineers and approved in writing by the Department.

The Municipal Code of Chicago reads as follows:

18-29-604.1 General.

The design of the water distribution system shall conform to **accepted engineering practice**. Methods utilized to determine pipe sizes shall be approved by the commissioner of water management.

Remember, this is a tool that can be used to assist you with many aspects of your design, whether that is equipment, pipe sizing or just a backup resource. Within the City of Chicago, I have had numerous projects where the WDC could have been used as a resource to potentially save a building owner from having to pay for an 8-inch water tap in lieu of a 6-inch due to the requirement to upsize the service if the domestic demand exceeds the capacity of a 2-inch service.

It may be difficult to get comfortable with or comprehend how substantial the flow rate differences are from what we are accustomed to. However, thanks to investments from respected industry organizations such as ASPE and IAPMO, we can better understand actual usage and usage patterns to improve the safety and efficiency of our water distribution systems.

To download the latest version of the WDC please go here <https://www.iapmo.org/water-demand-calculator/>

To review the IAPMO/ASPE study that was used to develop the WDC, please go here <https://www.iapmo.org/media/3857/peak-water-demand-study-executive-summary.pdf>

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.

Stay safe and healthy!

Chris Rohan, CPD

Chicago Chapter Vice President, Legislative

ASPE.Chicago.VPL@gmail.com



VICE PRESIDENT, MEMBERSHIP / AMBASSADOR

Greetings Members,

As you may have seen in this newsletter the Chicago ASPE Chapter is happy to announce that the Chapter is offering FREE neck gaiters to all members! Simply fill out the order form on the Chicago ASPE website and one will be mailed to you! <https://chicago.aspe.org/chicago-aspe-gaiter.html>.

Please reach to me if you have any issues placing your order.

All of the Line cards have been updated on the Chicago ASPE website that have been provided to me. If you would like to have your line card updated please send them to me and I will get them updated.

The MS Outlook database for vendor contacts is now live and available for you to download via the website. If you are a vendor and wish to be added to the site please send me your .VCF cards. Instructions have been emailed to you. This will allow engineers to search for a piece of equipment in their outlook search bar and direct them to what manufacture sells this equipment and the contact information of the representative of that company.

Stay Healthy,

Justin Wroblewski, CPDT

Chicago Chapter Vice President, Membership / Ambassador

ASPE.Chicago.VPM@gmail.com / aspe.chicago.ambassador@gmail.com / Jwroblewski@ams-pmt.com

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VICE PRESIDENT, AFFILIATE



Greetings ASPE Members!

Spring has Sprung and we are slowing watching the weather warm up and all that snow that was dumped on us melt away.

With the feeling of Spring in the air (although we know winter isn't over yet) and vaccines becoming available, I am sure we all are starting to get the itch to get outside, get together, and return to some kind of normalcy. It's crazy that a year later, we are still not getting together, having in person meetings, events, etc. However, things can be happening in the next few months.

Your ASPE board is discussing and working on things that we hope should be able to happen this year. Golf Outing.... Booster Night..... others?

The golf outing is on the schedule for June, but that may be delayed if there is not a safe way to have the outing... stay tuned for more info on the golf outing as well as other events coming up.

Who knows, maybe we will be able to have in person meetings in the near future.

Thank you to our new advertisers in our News Letter. Please make sure you see their full page ads. There is still advertising space available if you would like to advertise, please reach out to me. Advertising rates are listed in this publication.

Affiliates, Please remember, I am your voice to the ASPE board, if you have anything you would like to be brought up to the board, please let me know. I will be happy to present your concerns, comments to our board.

Darren Rich

Chicago Chapter Vice President, Affiliate

P# 847.421.0053 aspe.chicago.vpaff@gmail.com

ADMINISTRATIVE SECRETARY



Greetings Members,

As we move into March, the days are getting longer and the temperatures continue to rise and I hope that we continue in that direction for the rest of the month.

Moving into ASPE information, this month I will be focusing on Convention/Expo & Symposiums

ASPE Tech Symposium 2021:

The link will take you to the correct landing page on ASPE National website. <https://www.aspe.org/2021-tech-symposium/>

The date is September 22-26 at the San Diego Marriott Mission Valley, the above link will give you a number of tabs. Registration, Schedule, Sessions, Call for Presenters, Sponsorship.

ASPE Convention & Expo 2022:

The link will take you to the correct landing page on ASPE National Website. <https://expo.aspe.org/>

The date is September 16-22, 2022 and will take place at the Indiana Convention Center in Indianapolis, IN. The above link will give you a button for notification of when registration opens, I just filled out mine and it was pretty darn slick.

Thank you for reading and have a great day,

David Erickson

Chicago Chapter Administrative Secretary

C# 312-519-5629 aspe.chicago.admsec@gmail.com

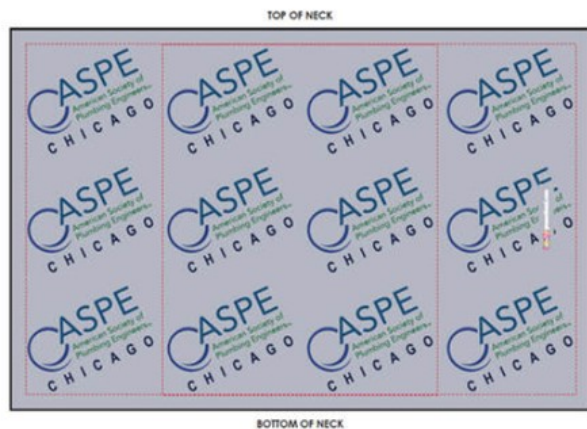
****ASPE CHICAGO IS PROVIDING ITS MEMBERSHIP WITH NECK GAITERS!!!****



If you would like a FREE ASPE Neck Gaiter please go to the ASPE Chicago website via link below, log into the members only section, fill out the form and we will send you a neck gaiter to the address provided. These are Limit one per member. Order yours today!!: <https://chicago.aspe.org/chicago-aspe-gaiter.html>

CHICAGO ASPE GAITER ORDER FORM

Graphical representation of the finished product:



Construction:

6.6 oz. 92% micro polyester/8% spandex knit/antimicrobial finish

Product Size:

9"W x 11-1/2"H | One size fits most.

Description:

Our reusable Premium Antimicrobial Neck Gaiters have an antimicrobial finish that helps prevent odors, stains and bacterial buildup. The blended fabric with moisture wicking qualities makes these neck gaiters incredibly stretchy and comfortable for sports and other activities. The thicker material makes these neck gaiters great for cooler weather and colder work environments. This gaiter is for general use only.

Features:

- Antimicrobial finish
- Polyester and spandex knit for tight, yet stretchy fit
- Superior moisture-wicking system
- UV protection, rated UPF50
- Popular for athletic apparel
- Full-color logo on entire neck gaiter
- Produced in our manufacturing facility in Ohio
- Machine washable
- Retains cool and cold water temperature for long periods
- Cooling neck wrap

The use of laundry softeners is not recommended when washing these antimicrobial neck gaiters.

Our premium neck gaiters have an antimicrobial finish applied to the material to help keep bacteria, fungi and viruses from developing within its fibers.

Please reach out to Justin Wroblewski @ aspe.chicago.vpm@gmail.com if you have any questions or issues placing your order.

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!



CORRESPONDING SECRETARY: INDUSTRY NEWS, AYP LIAISON & PRODUCT SHOW CHAIRMAN

Warmer weather is on its way and I hope everyone is staying healthy and safe as we reach our 1 year anniversary... Vaccines have been rolling out and slowly we are seeing more events pop up here and there. I hope that we can all see each other in person or virtually over the next couple of months. Below is a list of events that I have found thus far. If you come across any other, please let me know!

As for our industry partners, please look for the other virtual events going on:

AEC Daily ASPE – CEU's ZURN-

Link- https://www.aecdaily.com/p_search_aec.php?q=zurn
WEBINAR AND SELF PACED OPTIONS

American Society of Sanitary Engineering (ASSE) (http://www.asse-plumbing.org/chapters/region04_il.html)

No Events in Chicago-Land Area
No Online Trainings posted

American Institute of Architects (AIA) Eastern Illinois Chapter **Spring Golf Outing** Date: May 14, 2021 Time: 9 am – 6 pm INFO: [HERE](#)

Illinois Chapter of ASHRAE (<http://www.illinoisashrae.org/>)

Chapter Meeting
Weekly Spring Webinars
DATE Each week in March
Info: [CLICK HERE](#)

Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC) (www.ilphcc.com)

If you know a plumber- they can get CEUs online thru [HERE](#)
(Yearly Product show postponed till 2022)

National Fire Protection Association (NFPA) ([Calendar & Events](#))

NFPA 72 Nat. Fire Alarm & Signaling Code (2019)
Live Vert Training
Date: Mar. 22-26
Time 9:00 AM - 11:30 AM CST
Info/ Registration: [CLICK HERE](#)
Cost: \$895

Society of Fire Protection Engineers (SFPE) (<http://www.chicagosfpe.org/>)

No Events in Chicago-Land Area

Illinois Rural Water Association (IRWA) (<http://www.ilrwa.org/>)

Date: 2nd Wed/ Monthly
Time 1-2PM CST
ONLINE-
WEBINAR : [link](#)

National Rural Water Association (NRWA) (<http://www.nrwa.org/>)

No Events in Chicago-Land Area
WaterPro Conference
Date: Sept 13-16 2021
Location: Wisconsin Center, Milwaukee, WI
Registration opens: April 2021
Details: (<https://nrwa.org/about-us/future-nrwa-events/>)

American Water Works Association (AWWA) (www.awwa.org)

Many FREE Webinars
INFO: [HERE](#)

Water Environment Federation (WEF) Illinois Chapter (<http://www.iweasite.org/>)

Title: IWPC 2021 Together For Clean Water
Location: Virtual
Date: 4/19-30/2021
Time: 12-1PM CST
Registration: [HERE](#)

Illinois Fire Prevention Association (IFPA) (www.ifpanet.org)

Currently looking at a virtual product show

Healthcare Engineers Society of Northern Illinois (HESNI) (<http://hesni.org/index.php>)

Helpful Article- Re-opening facilities
[HERE](#)

USGBC - Illinois Chapter (LEED) (<https://illinoisgreenalliance.org/news-and-events/calendar/>)

PCA (Plumbing Contractors Association of Chicago and Cook County) (<https://plumbingcouncil.org/pca>)

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. Stay safe and keep busy,

Phil Traynor, HSA

Chicago Chapter Corresponding Secretary, AYP Liaison, & Product Show Chairman

aspe.chicago.cspsec@gmail.com / aspe.chicago.ayp@gmail.com / aspe.chicago.pschairman@gmail.com