

THE TAP



ASPE Minnesota Chapter Newsletter

October 2019

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In This Issue

- Green Plumbing Design Certification
- Feed my Starving Children Volunteer Event

Join us on Facebook!



Place: Grumpy's Bar and Grille
2801 Snelling Avenue North
Roseville, MN
651-379-1180

Date: See Schedule Below

Time: 11:30 a.m. Sign-in & lunch
11:45 p.m. Business Updates
12:05 p.m. Technical Session Begins
1:00 p.m. Adjourn

Reserve Your Meal

Email [Tom De Genaro](mailto:Tom@nichelsales.com) by 12:00 pm on
October 11, 2019
Tom@nichelsales.com

Lunch Pricing

Members (RSVP): \$25

Non-Members (RSVP): \$30

Student (Member or Non-Member) (RSVP): \$15

Walk-Ins (Member or Non-Member): \$30

First Time Student: FREE

First Time Guest: FREE

Registration Fee Includes

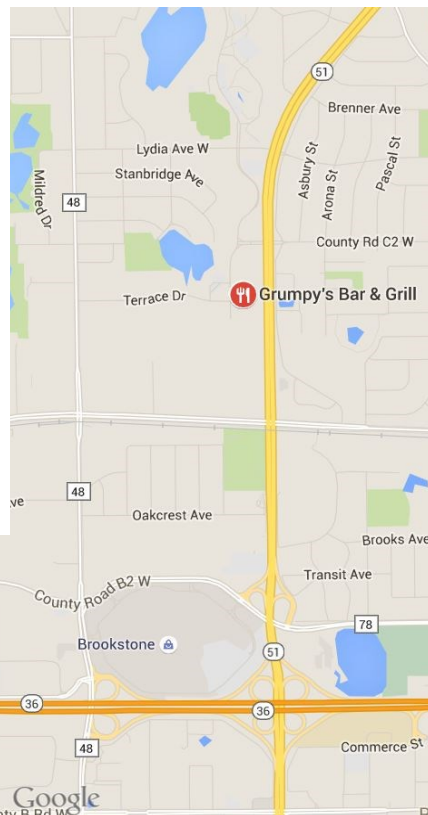
Lunch and technical
presentation (1 PDH/0.1
CEU)

Optional Raffle: \$5

1/2 of the proceeds to the
winner; the other 1/2 to the
Chapter Scholarship Fund

No Show Policy

There is a 24 hour / \$30 no-
show policy. If you aren't
able to attend after RSVP
please let Tom know at least
24 hours before. Thank you!



2018-2019 TECHNICAL SESSIONS AND EVENTS

09/18/2019	Chloramines as a disinfectant	Peter Cartwright
10/16/2019	Water Quality and Chemistry in Hydronic Systems	Tim LaDuke
11/20/2019	TBD	TBD
12/18/2019	TBD	TBD
01/11/2020	Holiday Party!	Party Dude—Grant Brekke
01/15/2020	TBD	TBD
02/19/2020	TBD	TBD
02/19/2020	Feed my Starving Children	Tom DeGenaro
03/18/2020	TBD	TBD
04/15/2020	TBD	TBD
05/20/2020	TBD	TBD

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PRESIDENT'S REPORT, STEPHANIE RADEL, CPD

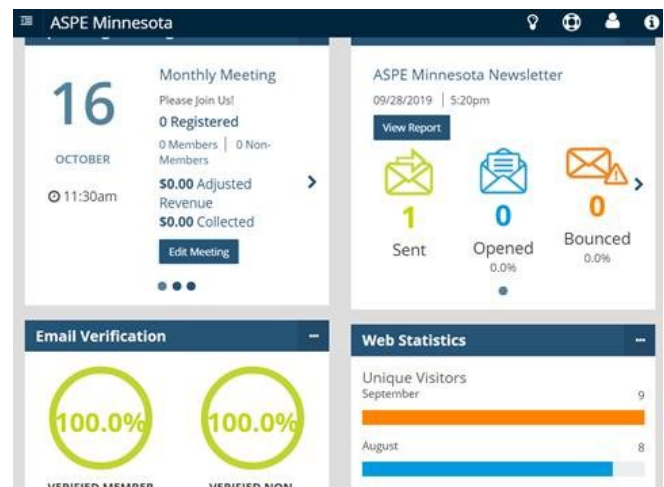
Good Morning ASPE,

Thank you to our sponsors who have already invested into ASPE MN 2020 affiliated partnership, Brekke Sales, BMA, Bongard, Schu Marketing, Michel Sales, and Fourmation Sales. Your sponsorships mean so much to the chapter and the members. This year the board is putting an emphasis on preplanning and communication to really drive engagement. "By failing to prepare, you are preparing to fail." -Benjamin Franklin. Although Ben is not one of my personal favorite historical figures, I do greatly appreciate and find meaning in this quote. Without the vision of where you want to go, you will never succeed in getting there. These sponsors give us some of the tools we need to plan for a successful ASPE year.



Coming up is the ASPE tech symposium on Oct 24th - 27th in Pittsburgh, PA. If you have never been, it is a great networking and education opportunity. Classes this year look like a great variety of code, calculations and concept. There is also the opportunity to test for your Green Plumbing Design certification on the 23rd and 24th. I took this class last year and it was good to get another perspective on the why's and how's to design systems differently.

The board is also moving forward on StarChapter. This is the website update allowing for prepay registration, as well as, process improvements for the board. We are excited to say our goal is to have this implemented before the October meeting, but that might be a stretch. The administrative view gives the board members a great deal of information that will assist our decision making processes to be most valuable to our members. Here is a sneak peek at the views; we will keep you updated on this as it progresses.



To leave you, here is my personal plumbing design "food for thought" for the day ... I just got back from a trip to the United Kingdom. Everything was fabulous, besides a couple questionable food choices. Twice, when I was in public restrooms, I could not find the soap or where to dry my hands! And for someone as intuitive as I feel I am, in regards to soap dispensing locations and towel/air dryer locations, this feeling became a little uncertain. When we are designing our systems do we consider the diversity in the users of these systems enough? Why, especially at an airport, a location we all want people using a disinfectant, do we unexpectedly hide this from the untrained eye?

Thank you sponsors and members for your contributions and I hope you have a pleasant October.



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VICE PRESIDENT MEMBERSHIP REPORT, RICH DAVISON

October is here and our fall kick off to the start of the ASPE season is on track to be a great year! Thanks to all of you for keeping up your membership status and helping us prosper to one of the most consistent and active chapters in region 5. Our current numbers are at 168.

According to our ASPE pipeline news- they are about to come up with a new website design that sounds like a great improvement over the current. More member only benefits – easier to access information – mobile versions- and better graphics. We are looking forward to it soon.



Happy Birthday month fellow ASPE members

John Bennerotte CPMR
Brian Bollenbeck
Paul Eichler CPD
Stephanie Gallatin
Anthony Gianpetro P.E.
Lawrence Justin P.E., CPD, FASPE
David Lanik
Richard Lindell P.E.
Jason Rodewald CPDT
Debra Sherwood
Cory Sutherland
Alexandra Zyllo

Happy ASPE anniversary

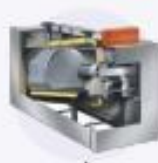
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Jaafar Idrissi
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The next GPD workshop is going to be held at the 2019 Tech Symposium in Pittsburgh, PA on Oct. 23-24, 2019. Read more at [here](#).

Green Plumbing Design Certificate Program

The Green Plumbing Design (GPD) certificate program, sponsored by the American Society of Plumbing Engineers and the International Association of Plumbing and Mechanical Officials, is for engineers and designers with advanced skills in sustainable plumbing system design and consulting. Available only for engineers and designers who hold either the Certified in Plumbing Design (CPD) certification or a Professional Engineer (PE) license, the GPD certificate denotes professionals with a high level of experience and training in sustainable practices. The GPD designation signifies professionals who are dedicated to ensuring the efficient use of our precious water resources via water-conserving plumbing system designs for commercial and residential applications.

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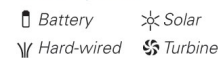
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VICE PRESIDENT TECHNICAL REPORT, RYAN MESSMER, CPD

Hi ASPE Members,

It was great seeing the good turnout for the first session of the year. It was also good to see familiar faces again after a fun summer (which is always too short)!

Anyone have any interesting topics that came to mind that you would like to see presented on in the upcoming year? How about any good case studies to share with the chapter? We are currently booked through December, but that leaves all spring, including the seminar to present on. Please let me know what you want to hear and learn about!



Upcoming Presentations:

October 16th

Tim LaDuke

"Water Quality and Chemistry in Hydronic Systems"

Did anyone in the chapter end up signing up for the CPDT (Certified Plumbing Design Technician)? How did everything go with it? We would love to hear about how it went for you and what additional thoughts you may have on it.

Looking for additional CEU's? Take advantage of ASPE's Read, Learn, Earn opportunities with a new course updated monthly. You can find the current course list at <https://aspe.org/read-learn-earn-articles>. Each opportunity provides a certificate worth 0.1 CEU's. The month of October course is on Formulas, Symbols and Terminology.

MEMBER BENEFIT TIP #12 - ADD LETTERS TO YOUR NAME

We all market ourselves every day with everything we do, and ASPE can help with programs that can add letters to your name: our [Certified in Plumbing Design \(CPD\)](#), [Certified Plumbing Design Technician \(CPDT\)](#), and [Green Plumbing Design \(GPD\)](#) programs. These programs will help others instantly recognize your leadership and expertise in the plumbing design industry.

DONATE YOUR PLUMBING BOOKS



The ASPE Minnesota chapter is collecting Plumbing Handbooks to give to our student chapter members. If you have any text books you want to donate, contact **Stephanie Radel** at stephanie.radel@uponor.com for more information.



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ASPE Announces *The Women of ASPE*

The mission of the new Women of ASPE (WOA) special-interest group is to **engage, retain, and advance** women in the plumbing design industry through education, leadership development, and networking opportunities. It is open to women who have an active membership with the American Society of Plumbing Engineers. Some of the activities include:

- Mentoring programs
- Membership growth outreach efforts
- Fostering partnerships with industry-related associations
- Various educational offerings

To join the MN Chapter WOA group, or for more information contact Grant Brekke @ grantb@brekkesales.com or call 952-936-9551





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VICE PRESIDENT LEGISLATIVE REPORT, LARRY G. JUSTIN, P.E., CPD**MINNESOTA PLUMBING BOARD**

School has started and I am sure all of our school projects started on time.

The Minnesota Plumbing Board met on 8/29/19 and reviewed the final Request For Actions (RFA's) regarding the possible adoption of the 2018 Uniform Plumbing Code with Minnesota amendments. I attended by phone and the meeting went well. Since the approved meeting minutes are not yet either placed on the website (7/16/19 meeting) or approved (8/29/19 meeting), see <https://www.dli.mn.gov/about-department/boards-and-councils/plumbing-board-ad-hoc-rulemaking-committee> for the Ad Hoc Committee minutes and "<https://www.dli.mn.gov/sites/default/files/pdf/RFA-recommend.pdf>" for the proposed amendments. Refer to <https://www.dli.mn.gov/about-department/boards-and-councils/plumbing-board> for the Plumbing Board agendas and minutes. The next quarterly Plumbing Board meeting is scheduled for 10/15/19.



All of the Plumbing Board Members are listed at http://www.dli.mn.gov/sites/default/files/pdf/plumbingboard_members.pdf

State of Minnesota Plumbing Board Meeting Notification

For more information or to be added to the email list for board meeting notices, contact Lyndy Logan at lyndy.logan@state.mn.us or at (651) 284-5912. People on the email list for meeting notices may also receive periodic updates about activities of the board or the department's Construction Codes and Licensing Division (CCLD).

State of Minnesota Plumbing Code Items

The State of Minnesota Department of Labor and Industry (DLI) issues the CCLD newsletter that provides pertinent information regarding the construction codes.

To receive CCLD Review newsletter publications, you can be sign up at https://public.govdelivery.com/accounts/MNDLI/subscriber/new?topic_id=MNDLI_16 or go to <http://www.doli.state.mn.us/about-department/news-and-media/ccld-review-newsletter>

It is published electronically quarterly to inform the construction and code industry about plumbing, electrical, mechanical, and building related information.

State of Minnesota Plumbing Code Links

Plumbing Code Page – <http://www.iapmo.org/Pages/MinnesotaPlumbingCode.aspx>

Plumbing Plan Review – <http://www.dli.mn.gov/business/get-licenses-and-permits/plumbing-plan-review>

Plumbing Board – www.dli.mn.gov/about-department/boards-and-councils/plumbing-board

State of Iowa Plumbing Code Links

Plumbing Commission Page – <https://dlr.sd.gov/plumbing/default.aspx>

State Plumbing Code – <http://idph.iowa.gov/Portals/1/userfiles/129/Law%20%26%20Rules/IAC%20641-ch25%205-10-2017.pdf>

Plumbing Code Amendment Page – <http://idph.iowa.gov/Portals/1/userfiles/129/Law%20%26%20Rules/Iowa%20State%20Plumbing%20Code%20booklet%202016%20for%20web.pdf>

State of North Dakota Plumbing Code Links

Iowa Administrative Code (IAC) Plumbing Code – <http://idph.iowa.gov/pmsb/iowa-code>

Iowa Plumbing Code – <http://idph.iowa.gov/Portals/1/userfiles/129/Law%20%26%20Rules/Iowa%20State%20Plumbing%20Code%20booklet%202016%20for%20web.pdf>

Plumbing Code Page – http://todaycms2.s3.amazonaws.com/ndplum/50/321a30c2ec11e68a990f07ebe1918c/Laws-Rules--Plumbing-Installation-Standards-of-ND_12122016.pdf

State of South Dakota Plumbing Code Links

Plumbing Commission Page – <https://dlr.sd.gov/plumbing/default.aspx>

Plumbing Code Page – <https://archive.org/details/gov.sd.plumbing/page/n0>

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If you're looking to increase your skill set, learn a new procedure, or just want to increase your opportunities for advancement, ASPE E-Learning is the most convenient and affordable way to achieve those goals. We offer a complete set of E-learning courses to help you increase your knowledge or earn CEU/PDH credits. ASPE E-Learning courses are one-hour-long PowerPoint presentations developed by your peers in the industry. Topics range from basic training for plumbing engineers and designers to the latest in new technologies.



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Up Coming Webinars:

2019 Tech Symposium Attendee Informational Chat

Includes a Live Event on 10/08/2019 at 12:00 PM (CDT)

Miami-Dade—the Future of FOG Control Webinar

Includes a Live Event on 11/05/2019 at 1:00 PM (CST)

Read, Learn, Earn



Click Me

(276) Flow in Water Piping

October 2019

(275) Formulas, Symbols, and Terminology

September 2019

(274) Ensuring High Quality Plumbing Installations

August 2019

(273) Flow in Horizontal Drain Piping

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(272) Rainwater and Stormwater Harvesting Systems

June 2019

(271) Thermal Expansion

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Check out our website!

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ASPE Mission Statement

American Society of Plumbing Engineers (ASPE) is the international organization for professionals skilled in the design, specification, inspection and manufacture of plumbing systems. ASPE is dedicated to the advancement of the science of plumbing engineering, to the professional growth and advancement of its members, and to the health, welfare and safety of the public.

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ASPE Mentoring Program

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.

Who Is a Mentor?

A mentor is someone who can help the mentee develop skills for success and long-range career planning, is able to be a good listener, is willing to share experiences and views, is willing to commit time and effort, provides an "open door" to questions and problems, points out both strengths and opportunities for improvement, and has a vested interest in the growth and development of their mentee.

Benefits to the mentor:

- Satisfaction in helping someone mature, progress, and achieve goals
- Meeting and sharing experiences with other mentors
- Personal ongoing support to help the mentee succeed
- Personal fulfillment through contribution to the Society and the individual

Who Is a Mentee?

Having a mentor can contribute to a successful and satisfying career. Without a mentor, that learning occurs mostly through trial and error. With a mentor, even experienced professionals can benefit from the experiences and expertise of someone who has withstood the trial and can help the mentee avoid the mistakes. Similarly, those new to the industry will discover that being a mentee shortens the learning curve for acquiring the skills and knowledge most critical to a fruitful career.

Benefits to the mentee:

- Discover new talents about yourself
- Career satisfaction
- Expand your personal network
- Maximize your strengths

aspe.org/aspe-mentoring-program





Save The Date! February 19th, 2020! ASPE MN Volunteer Activity

Feed My Starving Children

How you will help : We will be packing nutritious meals for hungry children around the world.

How and where: Select the join code and the associated link to sign up at your preferred location.

Minnesota ASPE Chapter

Wednesday February 19, 2020

2:30 PM - 4:30 PM

Eagan, MN

1 of 6 spots filled

Join Code - 13XKZD

<https://www.fmssc.org/join-group?joincode=13XKZD>

Minnesota ASPE Chapter

Wednesday February 19, 2020

2:30 PM - 4:30 PM

Coon Rapids, MN

0 of 6 spots filled

Join Code - 7G1PNZ

<https://www.fmssc.org/join-group?joincode=7G1PNZ>

Minnesota ASPE Chapter

Wednesday February 19, 2020

2:30 PM - 4:30 PM

Chanhassen, MN

0 of 6 spots filled

Join Code- WD7M5P

<https://www.fmssc.org/join-group?joincode=WD7M5P>

About FMSC: Founded in 1987, Feed My Starving Children (FMSC) is a non-profit that provides nutritionally complete meals specifically formulated for malnourished children

Volunteer Age Guidelines

Please follow this student-to-adult ratio when registering to volunteer:

- For safety reasons, children under the age of 5 are not allowed in our packing area (sorry, no exceptions)
- **Grades K-2:** 1 student to 1 adult*
- **Grades 3-6:** 3 students to 1 adult
- **Grades 7-9:** 4 students to 1 adult
- **Grades 10-12:** 5 students to 1 adult

Everyone under the age of 18 must be accompanied by an adult.

Please Note: **Everyone under the age of 18 must be accompanied by an adult** (an adult is someone 18 years of age or older).

**We recommend that groups of youth be third grade or older.*

FMSC staff members reserve the right to amend volunteer scheduling.

Jewelry Policy

To comply with FDA requirements and remove all opportunity for foreign objects to fall into our life-saving meals (which could cause choking, tooth breakage and more), FMSC volunteers must remove all jewelry and/or accessories before packing.

For more information about FMSC's jewelry policy, please [click here](#).

Community Service Hours

If you are volunteering as part of community service, please ask a staff member to sign a verification form immediately following a packing session, before leaving the building.

Photo Policy

Unless notified otherwise, FMSC Volunteers (including parents or guardians of minor volunteers) consent to FMSC taking and using any images, video, sound, or verbal statements (collectively, "Likeness") taken at any FMSC packing site or any FMSC event. This use may be in any print, digital, or other medium.

Images will not be identified using full names or personal identifying information without written approval from the Volunteer or his/her parent or guardian.

FMSC Volunteers who do not wish to have their Likeness used should notify the photographer or the event organizers, or by contacting FMSC at 401 93rd Avenue NW, Coon Rapids, MN 55433 or info@fmcs.org, in writing and should include a photograph (to be used for identification purposes only).

Any FMSC Volunteer that fails to notify FMSC in writing of his or her desire not to have his or her Likeness used releases FMSC from any claims involving the use of his or her Likeness.

Thank you for your understanding and cooperation! Please contact us if you have questions

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