WISCONSIN CHAPTER
AMERICAN SOCIETY OF PLUMBING ENGINEERS
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Local Chapters Are Not Authorized to Speak for the Society  www.aspewi.org
From The President’s Desk
By Jill Imig, P.E.

It has been a while since I wrote about the two subjects near and dear to everyone dealing with the State of Wisconsin – the IECC recirculation tables and the ESLA program. I wish I had great news about both of them but here’s what I do know. I have had some continued back and forth with Section Chief Tom Braun and I will say that there is still a huge disconnect between how the ICC intends the table to be used and how DSPS is trying to adopt it. Thanks to some members of DFDM, I have been able to hopefully find a new avenue. I am working to propose a list of a few individuals that would be a good fit for the code council. Right now the council itself is comprised of contractors and inspectors but is lacking individuals with the technical expertise that ASPE can offer. If this is something you would like to be considered for, please email me directly by March 20th. As a board we will decide on the individuals that we feel are the best fit and send an official request to DSPS to have ASPE allotted a seat on the code council. This is an issue that I will continue to battle but until then here’s a refresher of the current IECC adoption as DSPS is recognizing it.

Changes with the adoption of the International Energy Conservation Code (IECC) affect the installation of domestic hot water distribution piping. DSPS plumbing plan reviewers are discovering non-compliance to IECC Section C404. The IECC requirements specify the maximum allowable pipe length from a heat source to a public lavatory (lav) or other fixtures and appliances as listed in Table C404.5.1. The code took effect 5/1/2018. DSPS plumbing plan reviewers have been instructed to contact submitters of the requirement and provide guidance to avoid possible enforcement upon inspection causing delays and additional costs for remediation. Typical guidance is to revise the plans to address the provisions of Table C404.5.2.1. This may include point of use water heaters, a recirculation system within the specified outlets or heat traced to within the specified outlets. Or DSPS can continue reviewing the submitted plan taking the appropriate action in order for the project to start and progress. However, the approval letter would include a key item stating that the plan is non-conforming to Section C404 of the International Energy Conservation Code and that a future revision to the plan may be required. A submitter needs to provide revised details or direction on an action the department to take.

Q. What is the definition of a public lavatory in relation to requirements of International Energy Conservation Code (IECC) that must comply with C404.5.1 for “public lavatory faucet”?
A. The IECC does not define public lavatory, therefore the department has interpreted a public lavatory as a plumbing fixture used for handwashing purposes associated with a public building. Plumbing fixtures that fall under the definition of a public lavatory used for public handwashing include but not limited to:
1. Lavatories located in public restroom;
2. Lavatories located outside of public restrooms;
3. Hand washing sinks required by Dept. of Agriculture Trade and Consumer Protection (DATCP), Dept. of Health Services (DHS), National Institute of Health (NIH), or United States Dept. of Agriculture (USDA);
4. Classroom sinks, Combination use sinks, and sinks in areas where hand washing is expected because of activities.

Notes:
1. The American Society of Sanitary Engineers (ASSE) Plumbing Dictionary defines a lavatory as a basin or vessel for washing; plumbing fixture placed for use in personal hygiene; a fixture designed for the washing of hands and face; sometimes referred as a wash basin. (ASSE Plumbing Dictionary ). Merriam-Webster dictionary defines a lavatory as a vessel (such as a basin) for washing especially: a fixed bowl or basin with running water and drainpipe for washing: a room with conveniences for washing and usually with one or more toilets.

2. (12) of Wis. Statute 101.01 defines a public building in part as any structure, including exterior parts of such building, such as a porch, exterior platform, or steps providing means of ingress or egress, used in whole or in part as a place of resort, assemblage, lodging, trade, traffic, occupancy, or use by the public or by 3 or more tenants. Section C202 of the IECC defines a commercial building as all buildings that are not included in the definition of “Residential building”. Section C202 of the IECC defines residential buildings include detached one- and
two-family dwellings and multiple single-family dwellings (townhouses) as well as Group R-2, R-3 and R-4 buildings three stories of less in height above grade plane.

381.01(196) “Public” means, in the classification of plumbing fixtures, those fixtures which are available for use by the public or employees.

381.01(162) “Nonpublic” means, in the classification of plumbing fixtures, those fixtures in residences, apartments, living units of hotels and motels, and other places where the fixtures are intended for the use by a family or an individual to the exclusion of all others.

381.01(170e) “Patient area plumbing fixture” means a plumbing fixture that is accessible to patients in a health care facility and is intended to be used for culinary, hygienic or domestic purposes.

The second item has been the ESLA program. It seems that DSPS continues to make changes for what I hope continues to be the better. They issued a statement a few weeks ago, if you don’t receive their emails I am also including that in my article for your reference. I have found it to be successful that when I upload my final drawings I email the general ESLA address and let them know that the project is ready to go. I have had reviews that were scheduled for June get moved up to February. I’ve also found that there is a lack of ways to communicate with the plan reviewer what the scope of the project is. After some discussions with the reviewers themselves my company has decided to also upload a transmittal explaining the scope of the project. Do you have a successful way of communicating with the reviewers? I would love to hear what’s working for you!!

Lastly, convention registration will open in April. Be sure to save the date!

2020 ASPE Convention & Expo
September 11-16
Ernest N. Morial Convention Center
New Orleans, Louisiana

Congratulations to 2020 ASPE Wisconsin Scholarship recipient, Harlan Schwanebeck!

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Drawing will be held April 9, 2020.
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An Employee-Owned Company
From the Vice-President, Technical
By Ryan Koenig

Good Day, ASPE Wisconsin Members,

One of the many perks associated with being an ASPE member and registering an account on ASPE Connect is the increased email communication regarding discussions happening in the online plumbing world. With this article, I want to help you manage some of that correspondence.

At the bottom of each ASPE Connect email, you’ll see a link reading “My Subscriptions.” Clicking it requires a login and will take you to your profile. You’ll see some options, and at the bottom of the page will be all the Communities to which you’re subscribed. From these communities, you’re able to filter correspondence in three ways. All of these can be toggled independently.

1. The Daily Solicited Digest offers a view of all activity from the previous day for the communities you specify in a single email. This includes announcements, blogs, discussions, library entries, new members, and volunteer opportunities. This can be toggled to real-time, daily, or off.

2. Community Digest is similar but is consolidated info from the previous week. You’re able to specify the day of the week the email is generated.

3. The Discussion Email offers discussion posts from a single Community. The benefits to using this are the ability to receive emails in real-time and to provide an override email address with which to receive emails for specific communities.

I hope this helps you manage some of the increased communications, and you’re able to utilize ASPE Connect in a more meaningful manner!

ASPE/AYP
TOUR of FISERV FORUM
Which Water Heater Would You Rather Spec For Your Next Commercial Project?

<table>
<thead>
<tr>
<th>A.</th>
<th>B.</th>
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<tbody>
<tr>
<td>□ External Leak Detection</td>
<td>□ Built-In Leak Detection</td>
</tr>
<tr>
<td>□ 3:1 Modulation</td>
<td>□ Built-In Leak Prevention System</td>
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<tr>
<td>□ Condensate Neutralizer (Accessory)</td>
<td>□ Automatic Shut-Off Valve</td>
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<tr>
<td>□ Remote Diagnostic Alerts</td>
<td>□ Built-In Smart Monitoring Technology</td>
</tr>
<tr>
<td>□ BMS Connectivity (Accessory)</td>
<td>□ ASME-Grade Steel Heat Exchanger</td>
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<tr>
<td></td>
<td>□ Integrated BMS Connectivity/ BACnet MS/TP</td>
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<tr>
<td></td>
<td>□ Built-In Condensate Neutralizer</td>
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<tr>
<td></td>
<td>□ Easily Replaces Any Brand</td>
</tr>
<tr>
<td></td>
<td>□ Multiple Connection Points</td>
</tr>
<tr>
<td></td>
<td>□ Tank Life 5 Years Longer</td>
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</table>

It’s A No Brainer… Spec Triton™

If you chose B, congratulations - you just chose the one that lasts five years longer, with built-in smart monitoring technology that detects and prevents water heater problems before they occur.

By the way, A is the other guy.

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From the Vice President of Membership
By Rich Davison

March is here! We have 3 new members of our Wisconsin chapter to introduce:
Ryan Johnson
Robert Thomm
Glen Trickle P.E.
Aaron Vanlanen

Please help welcome them!

This month we would like to focus on CEUs and how to track with ASPE.

MEMBER BENEFIT TIP #5 - TRACK YOUR CEUs
We’ve seen some extraordinary new things come out of ASPE in the past couple of years, but this benefit is as good as it gets. Did you know that you can track your CEUs in your member area on aspe.org? Well you can, and here is how:
1. Visit the site and log in.
2. Point the mouse over the Education tab.
3. Click on the CEU Center Information link on the pull-down menu.
4. At the bottom of the page, click on the link called “Click here to access your CEU Credits.”
All of your ASPE-sponsored CEUs will already be populated in this table, but you can also add other CEUs from other sources. Simply click on the link toward the top of the table and the site will direct you to a page to add the session information and to upload a certificate. This member benefit is invaluable in keeping your CEUs current, and it’s only offered to members. Don’t get caught empty-handed when the eventual audit for your credential comes around.

Happy ASPE Anniversary!
Curtis Clausing
John George
Jeff Hellenbrand
Josh Jackels
Jonathan Millard
John Pritchard
David Rozman
Aaron Schneider
Jonathan Tiede
Conrad Weis
Michael Wozniak

Happy Birthday fellow ASPE members!!
Sarah Balz
Kevin Freidt
Paul Hellenbrand
Gary Koier
Zac Rockendorf
Art Stewart
Michael Wozniak

Dennis Emden
Jack Hawkins
Michael Keleman
Jonathan Millard
David Silvani
Conrad Weis
**ASPE 2019-20 Schedule**

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 19</td>
<td>Understanding Cross Connection Control</td>
<td>Waukesha</td>
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<tr>
<td>Apr 22-23</td>
<td>Accessibility for All: Understanding ADA</td>
<td>Mad/Milw</td>
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<tr>
<td>May 21</td>
<td>TBA</td>
<td>Dinner Meeting</td>
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<tr>
<td>Sept 11-16</td>
<td>ASPE National Convention and Expo</td>
<td>New Orleans</td>
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