



Newsletter

Western Michigan Chapter

April 2023

WESTERN MICHIGAN

This months Meeting info: [Lunch Meeting Information:](#) [Dinner Meeting Information:](#)

Date:
April 13th

Location:
**Park Club of Kalamazoo
219 W. South Street
Kalamazoo , MI 49007**

Location:
**Holiday Inn Grand Rapids
3063 Lake Eastbrook Blvd
Grand Rapids, MI 49512**

Speaker:
**Matt Lunn
Lawler**

Time:
12-1 PM Lunch

Time:
5:30 PM followed by dinner

Subject:
**Thermostatic Mixing
Valves**

Cost:
\$30 per person

Cost:
\$35 per person

Important Information:

ASPE Golf Outing

The ASPE Golf Outing will be held:

May 22nd, 2023 @

StoneWater Country Club

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Chapter President—Tom Kingshott

Happy Spring!!!

Flowers are starting to pop out of the ground, Easter is close, and the ASPE May 22nd golf outing date is set.

Stay tuned for sign up detail for the golf outing and other events coming in the near future.

We would like to welcome Luke Fauss to the ASPE Board as our new Western Michigan Chapter ASPE Young Professionals Liaison Board member!

The Board has voted to stagger the President and Treasurer positions to assure that there is not turnover of all the Board positions in one year.

There will be an election this year for the Western Michigan Chapter President and Treasurer positions; stay tuned for voting for these positions.

As always, please feel free to contact any of your Board members with any suggestions or concerns!

VP Membership—John Cassady

We are currently at 82 members in the West Michigan chapter. Please join me in welcoming our newest member Matt Goerlich.

All new members moving forward will receive a voucher for a free meeting, redeemable at checkout when registering for an event.

For those of you that have a membership expiring by the end of May, you should have received an email reminder from the national society already. I will send out follow-up reminders to you all as well.

If you have a coworker interested in joining our chapter, please have them reach out to me with questions about membership.



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** Inventoried by Taggart-Knight

VP Technical—Nick Von Myhr

Hello everyone,

I hope everyone enjoyed last month's ASPE speaker, I thought Adam did a wonderful job both presenting and showcasing the Prevest product. I encourage everyone to save Adam's contact information for future compressed air questions.

This month I am pleased to introduce Matt Lunn with Lawler Mixing Valves. Matt will be presenting on the different types of mixing valves, mixing valve standards, design considerations and recirculation. Mixing valves are essential to a system operating correctly, and I am very much looking forward to what Matt has learned over the past 15 years in this industry. I hope to see you there!"





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VP Legislative —Luciana Kayo

We are finally reaching the end of the 2018 Michigan Plumbing Code updates! The chapters on the second half of the Code do not have as many changes as the first few chapters. Here they are:

Chapter 8 – Indirect/Special Waste

- Section 801.1, 801.2: Air humidification equipment that has a waste discharge must have the discharge piping connect in an indirect method to the sanitary drainage system.

Chapter 9 – Vents

- Section 918.8: An air admittance valve shall not be used to reduce clearances to a building air intake.

Chapter 10 – Traps Interceptors and Separators

- Section 1003.3.2: Food waste disposer discharge to a grease interceptor is prohibited.
- Section 1003.3.3: Additives to grease interceptors are limited to microbes dispensed by systems that comply with ASME A112.14.6 and as allowed by the interceptor manufacturer.

Chapter 11 – Storm Drainage

- Section 1102.4 – Additional types of piping materials and standards were added to the table for approved building storm sewer pipe.
- Section 1106.5: Scuppers for primary and secondary roof drainage must be located and sized to prevent the water depth on the roof from exceeding the maximum allowable water depth for the structural capacity of the roof structure. IBC requirements also apply.

Appendix A – Nonpotable Water Systems

- Section A1302.8.1: Bypass valves shall be installed in accessible location that allows for its removal.
- Section 1303.1.1: The Code now references the International Fire Code (IFC) regulations for the use of non-potable water in water-based fire protection systems.
- Section 1303.15.9: Site conditions can affect the quality of collected untreated (raw) rainwater. Standard ASTM E2727 must be used to determine the impact of those site conditions.

This concludes the 2018 Michigan Plumbing Code updates. Let us know if you have any code related questions and we hope to see you at the ASPE meetings!



HOW TO PROPERLY SIZE A WATER SOFTENER

Over the years, Flier's has seen more mis-sized water softeners than any other piece of equipment.

We feel this is in large part due to people not gathering or estimating the proper flow data, along with not properly designing the configuration of multiple tanks & additive flow in order to cover a lot of different consumption rates.

When gathering or estimating Flow Data, NOTE:

- Incoming pipe size
- Full line soft water, hot only, boiler feed only, cooling tower, pre-treatment to RO?
- Fixture unit count
- Water hardness and Iron (recent test)
- Average and peak flow rates in gallons per minute gallons per day and gallons per week.
- Type of building
- Avg. number of people? hours of operation? days per week of operation?
- Expansion plans add percentage
- Measurements in existing or new buildings of doorways or width/height restrictions



CAUTION: we need to talk about hardness in different geographic areas.

If we're talking city water like Grand Rapids, Holland, Zeeland, and the Lakeshore, they use Lake Michigan Water with very low hardness. You can probably get by with only softening the hot water and water to the boiler or RO.

In terms of Greater Kalamazoo, Battle Creek, Jackson, and many other outlying areas that utilize well water, will have very high hardness and sometimes iron, so there will be a good case made to soften the water to the entire building to prevent scale on fixtures and to prevent Sloan valves and other equipment form clogging and wasting water.

Contact Flier's today to assist with proper Water Softener sizing and specifications.

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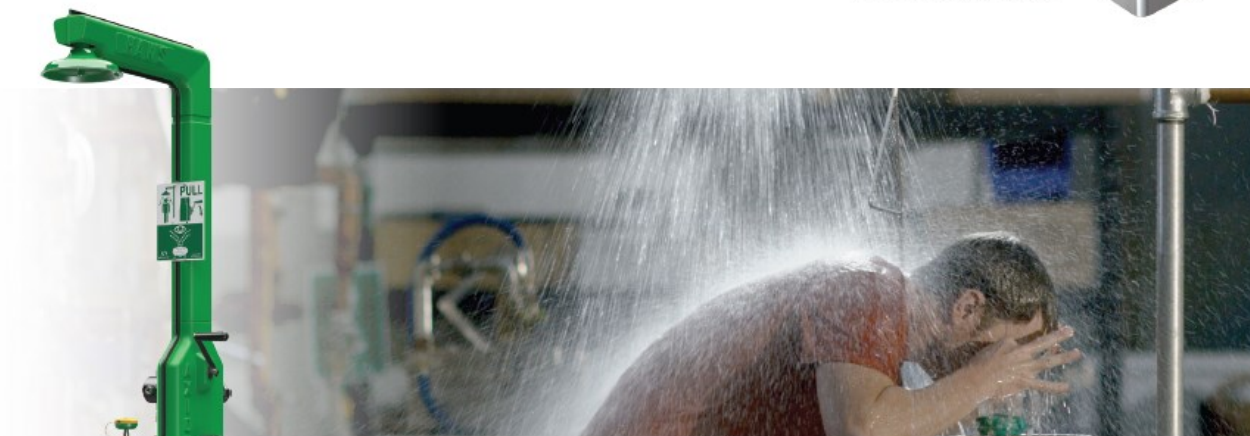
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2022-2023 ASPE Western Michigan Meetings

September 8th
Dave Stark
Rainwater Management Solutions
Rainwater Recovery

December 8th (Christmas Party)
Nick Shelton & Bill Babcock
Aquatic Source
UV Filtration (ETS or Evoqua)

March 9th
Thad Kuzma & Joe Hancock
Flow-Tech Systems
Legionella Filter Management

October 13th
Dave Shugars
R.L Deppmann
Domestic Water Pressure Booster
Selection

January 12th
Warren Hill
ECCO
Gas Com Gas Regulator Sizing and
Selection

April 13th
Matt Lunn
Lawler
Thermostatic Mixing Valves

November 10th
Dan Cole
IAPMO
Water Demand Calculator and System
Right Sizing

February 9th
James Doll
Fire Fabrication & Supply, LLC
Fire Pump Selections and Best
Practices

May 22nd
ASPE Annual Golf Outing

2022-2023 ASPE Western Michigan Chapter Board

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