



#### Cleveland Chapter of The American Society of Plumbing Engineers June 2019

#### From the President:



I would like to thank Isaac Wilson with A.O. Smith for being our guest speaker at the May Technical Meeting on the topic; Introduction to ASME Boiler and Pressure Vessel Code.

Please welcome our newest members to the Cleveland Chapter; Hannah Norris with Osborn Engineering and Terrese Tuchscher with Oatey.

I would also like to welcome our newest elected officer; Marlon Wright as Vice President Legislative. In Marlon's place, the board has appointed Nick Tabar as Cleveland's AYP Group Liaison. Thank you to Kevin Conyngham and his commitment to the upcoming and future golf outings!

Thank you to the Rochester, New York Chapter for hosting this year's Region 2 Presidents meeting. Included in this newsletter are some photos of the chapter awards.

Registration in Now Open! The 2019 ASPE Technical Symposium will be held October 24-27, 2019 in Pittsburgh, Pennsylvania. See <u>www.aspe.org</u> for more information.

Let us know if there are any specific topics or field trips you would like to see our chapter sponsor. We are always looking for new ideas. Remember, without membership and participation, there is no local chapter.

Have a great summer!

John A. Varga, P.E. President, ASPE Cleveland Chapter

#### **CHAPTER OFFICERS**

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# American Society of Plumbing Engineersm

CLEVELAND

#### THURSDAY, AUG. 1st 10 am Shotgun Start (arrive at the course by 9 am)

Fowlers Mill Golf Course 13095 Rockhaven Road Chesterland, OH

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#### Registration deadline is July 10, 2019

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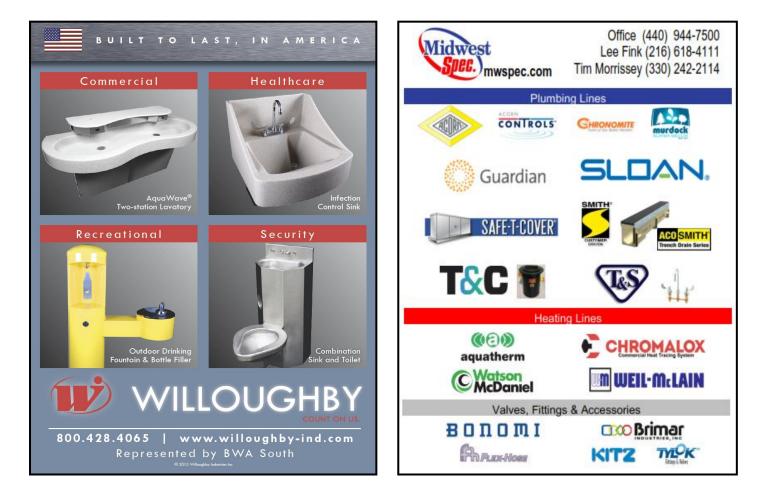




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#### 2019 Webinar Series Plumbing Design Within a Facilities Management Environment June 12, 2019 2 pm EDT

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#### The Presenter: Bill Cheek, CPD

Bill Cheek has been working as a plumbing designer in the MEP consulting world and for facilities management since 1978. He holds the position Senior Designer for the University of Texas Health System at the Health Science Center in San Antonio, Texas – beginning in 2014. He taught Drafting and Design at Houston Community College as adjunct and full-time professor for a decade. He received his bachelor's degree in Photography/Mathematics from Sam Houston State University in August 1975.

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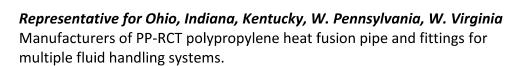
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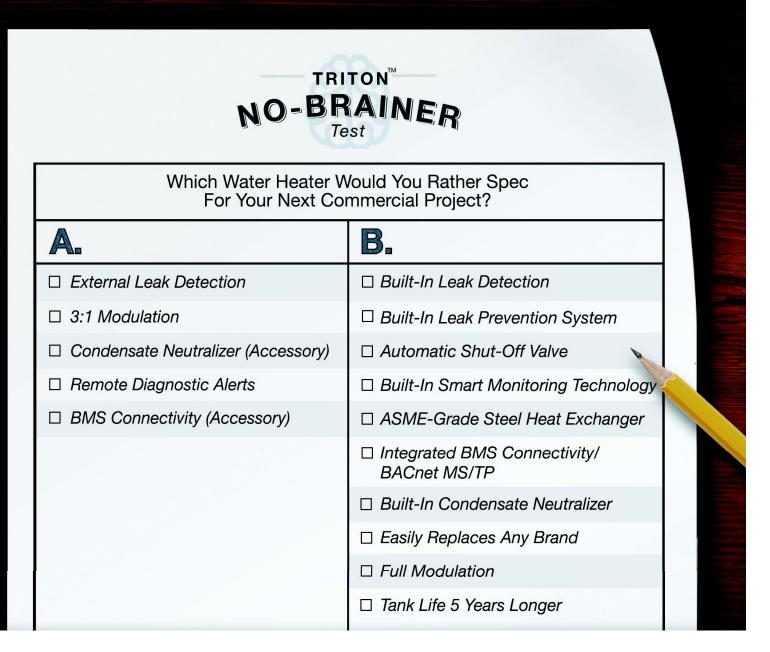
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#### Presidents Meeting 2019 Rochester, NY



Plaque presented to Dann Holmes for his work as Affiliate Liaison Region 2.



Keith presented a Region 2 Directors Award to the Southwestern Ohio Chapter for their outreach to the Kentucky satellite chapter



Plaque presented to Rochester Chapter for stepping up and filling in for Pittsburgh and Johnstown as the host of the 2019 Region 2 President's meeting.



Keith presented a Region 2 Director Award to the Eastern Michigan Chapter for their excellence in education

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Balance Valves Automatic Flow Limiting Manual Flow Limiting Pressure Independent Control Hydronic Specialties Centrifugal Pumps **Base Mounted** Close Coupled Double Suction Horizontal Split Case In-Line Multi-Stage Heat Exchangers Shell & Tube Plate Heat Exchangers Replacement Tube Bundles Heat Transfer Packages Hydronic Specialties Pressure Booster Systems Submersible Pumps Variable Speed Systems Vertical Turbine Pumps Expansion/Compression Tanks

#### Bobco

Differential Gauge Kits

#### **Bock Water Heater**

Gas Fired Water Heater Electric Water Heater Oil Water Heater Indirect Water Heater Solar / Geo Thermal Water Heater Electric Point of Use Water Heater

#### **Burnham Commercial**

Scotch & Firetube Boilers Low Nox Boilers Deareators & Boiler Accessories

#### Cemline Corp.

ASME Tanks Boiler Blowdown Separators Condensate Coolers Hot Water Storage Heaters Packaged Water Heaters Replacement Tube Bundles Stone Steel Lined Tanks Unfired Steam Generators

#### Danfoss

**Greater Toledo Area** Variable Frequency Drives Motor Soft Starters

#### Domestic Pump

Boiler Feed Systems Condensate Return Pumps Pressure Powered Pumps Vacuum Pumps

#### **Dow Heat Transfer Fluids**

DOWTHERM<sup>™</sup> SR-1 Ethylene Glycol DOWFROST<sup>™</sup> HD Propylene Glycol

#### Dri-Steem Greater Toledo Area

Steam Injection Humidifiers Gas To Steam Humidifiers Steam To Steam Humidifiers Electric Steam Humidifiers Evaporative Humidifiers Ultrasonic Fog Humidifiers

#### **Fluid Design Solutions**

Boiler Plant Packages Custom Mech. Room Pumping Pkgs Packaged Snowmelt Solutions Solar Pump Packages

#### Goulds / G&L Commercial

End Suction Pumps Vertical Multi-stage Pressure Booster Systems Vortex Waste Water

#### **Griswold Controls**

Automatic Balance Valves Manual Balance Valves Pressure Independent Control Valves Coil Hook-up Kits

#### **Griswold Water Systems**

Chemical Free Water Treatment Centrifugal Separators Sand Filter Systems

Heatfab Northern & Central Ohio High Performance Chimneys & Vents

#### **Hoffman Specialties**

Steam Traps & Specialties Condensate Return Pumps Pressure Regulating Valves Vacuum Pumps

#### Kadant Johnson

Pressure Powered Pumps

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#### Laars Heating Systems

Residential / Commercial Boilers Commercial Water Heaters Commercial Pool Heaters

#### McDonnell & Miller

Boiler Safety Controls Level Controls Flow Switches

#### **Metraflex Company**

Flexible Pump Connectors Expansion Joints & Guides Non-slam Check Valves Ball & Butterfly Valves

#### Miljoco

Pressure Gauges Thermometers Accessories

Niles Steel Tank Glass Lined & Steel Storage Tanks

#### Peterson Equipment Co.

Pressure / Temperature Test Plugs

#### Rovanco

Pre-insulated Pipe Containment Pipe

Solar Skies Complete State of Ohio Solar Panel Collectors

#### **Tower Tech Cooling Towers**

High Efficiency Cooling Towers HVAC Cooling Towers Process Cooling Towers Power Generation Cooling Towers

#### Vertiflo

Pedestal Mount – Sump Pumps Base Mounted Pumps Vertical Pumps

#### Webster Engineering

**Greater Toledo Area** Single & Dual Fuel Burners Landfill Gas Burners High Turndown Burners Temp-A-Trim: Air Density Control System

#### Wessels Company

ASME & Glass Lined Storage Tanks Glycol Fill Systems Engineered Tanks Paired with Sloan High-Efficiency Flushometers, our Commercial Toilet and Urinal Systems take water efficiency to the next level.

> All Sloan Flushometers are made from a high level of recycled material and are 100 percent recyclable.

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Dual-Flush Side Mount Retrofit is a fast, easy way to reduce water consumption.

Sloan Hands-Free Faucets promote cleanliness, hygiene and overall health benefits.

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Sloan Bio-Deck Sinks utilize natural materials such as corn cobs and other renewable domestic agricultural materials.

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Every day around the world, Sloan advanced integrated water management systems provide elegant, efficient and hygienic washroom solutions for any commercial environment.

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- Approved for use with Schedule 10 and Schedule 40 pipe
- Viega Smart Connect® feature makes unpressed fittings easy to detect during pressure testing
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Dan Meredith **District Sales Manager** dan.meredith@viega.us (440) 241-4939

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# Digital Hot Water Solutions

Featuring The Brain® Digital Recirculation Valve

#### Digital-Flo<sup>™</sup> Semi-Instantaneous Steam/Water Heater

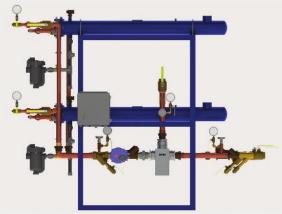
## Pre-Piped Digital Hot Water Generation and Control Solutions

- Featuring The Brain<sup>®</sup> ASSE 1017 certified Digital Recirculation Valve.
- Choose from 16 standard assemblies or customize.
- Compact vertical design Small footprint.
- Simple tube bundle access.
- Optional SAGE<sup>™</sup> Building System interface with integral datalogging to support AHSRAE 188 Monitoring and Reporting Compliance.



• Water temperature raised above Legionella survival levels on every recirculation cycle.

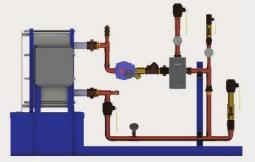
#### Digital-Flo<sup>™</sup> Instantaneous Steam/Water Shell & Tube Water Heater



## Pre-Piped Digital Hot Water Generation and Control Solutions

- Featuring The Brain<sup>®</sup> ASSE 1017 certified Digital Recirculation Valve.
- Separate steam control valve not required.
- Choose from 48 standard assemblies or customize.
- Optional SAGE<sup>™</sup> Building System interface with integral datalogging to support AHSRAE 188 Monitoring and Reporting Compliance.
- Water temperature raised above Legionella survival levels on every recirculation cycle.

#### Digital-Flo<sup>™</sup> Instantaneous Boiler Water/Water PHE Water Heater



## Pre-Piped Digital Hot Water Generation and Control Solutions

- Featuring The Brain<sup>®</sup> ASSE 1017 certified Digital Recirculation Valve.
- Choose from 40 standard assemblies or customize.
- Optional SAGE<sup>™</sup> Building System interface with integral data-logging to support AHSRAE 188 Monitoring and Reporting Compliance.
- No need for modulating pump control.



## The Brain<sup>®</sup> Digital Recirculation Valve (DRV)

Armstrong introduced digital water temperature control to the world with The Brain® Digital Recirculation Valve (DRV). Engineered exclusively for recirculating hot water systems, The Brain® simplifies your hot water system to deliver unparalleled accuracy, stability and safety. It offers programmable temperature alerts and a program to promote compliance with recommended Legionella guidelines.

Please contact your local **MERLO** ENERGY representative for more information Tom Mobley @ 330-410-4977

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