

CASPE Newsletter

American Society of
Plumbing Engineers™

Western Michigan Chapter

October 2022

WESTERN MICHIGAN

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

Date:

October 13th

Location:

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

Location:

**Stone Water Country Club
7177 Kalamazoo Ave SE
Caledonia, MI 49316**

Speaker:

Mike Kennedy

RL Deppmann

Time:

Noon to 1PM

Time:

5:30 PM followed by dinner

Subject:

**Boosting Your Domestic
Water Pressure**

Cost:

\$30 per person

Cost:

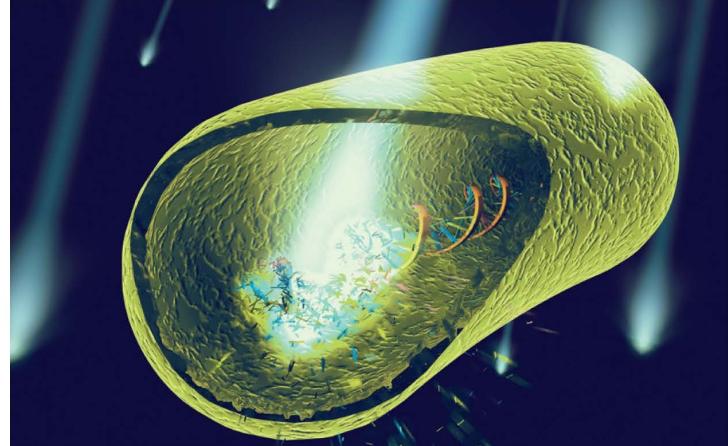
\$35 per person



HAPPY HALLOWEEN



CONTINUOUS CIRCULATION THROUGH UV REMOVES 99.9% OF MICROORGANISMS FROM THE WATER, INCLUDING E.COLI AND FECAL COLIFORM.



Continuous disinfection of purified water from harmful microorganisms, viruses, and protozoa is an essential requirement for many food and beverage, medical, pharmaceutical and manufacturing facilities. Ultraviolet (UV) systems are used as a non-invasive method to achieve this goal.

The disinfecting UV light produces a germicidal wavelength of 254 nm that attacks the DNA of the microorganisms preventing replication and infection. Continuous circulation through UV removes 99.9% of microorganisms from the water, including E.coli and fecal coliform. Although not required for all applications, most UVs are followed by a final filter to collect bacterial byproducts.

Using different wavelengths and dosages, UV can also be used for Total Organic Carbon (TOC), ozone, and chlorine reduction.

Flier's engineering professionals can properly size and specify the correct UV system to meet the needs of any project with flow rates of 10 gpm and greater.

Have a problem or question?

LET US HELP YOU.
We'll make sure you get the most out of every drop.

Call us at **616.345.3407** and let us show you how your purification system should perform.



PURE engineering. PURE service. PURification.

Grand Rapids • Kalamazoo • Traverse City

616.345.3407



qualitywaterexperts.com

Chapter President—Tom Kingshott

Welcome to Fall in Michigan!!!

Halloween is almost here, and there was frost on the pumpkins this morning.

Nick VonMyhr, Luciana Kayo, Chuck Shoudel, and I attended the 2022 ASPE National Convention in Indianapolis as delegates; national ASPE business was conducted successfully.

Your Board is working on a new meeting location for 2023, we will be ready to announce details in the next newsletter.

As always, please feel free to contact any of your Board Members if you have any questions or if you have any meeting or seminar suggestions!

VP Membership—John Cassady

We are currently at 77 members in our chapter. We have 1 new member this month; Dale Sheehy with Balfrey & Johnston. Please join me in welcoming him to our chapter!

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

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



ETNA
SUPPLY COMPANY

PLUMBING • PVF • HEATING
UNDERGROUND • MUNICIPAL
FIRE PROTECTION • INDUSTRIAL

4901 Clay Avenue, SW
Grand Rapids, MI 49548
616-241-5414
www.etnasupply.com



NEW!

DIGITAL MIXING VALVE

ADVANCED TEMPERATURE CONTROL

Level up your domestic hot water system with Bradley's new Navigator® Digital Mixing Valve. Advanced technology delivers precise temperatures — especially during low demand periods. The ball valve automatically selfcleans to reduce maintenance time. And programmable thermal disinfection cycles kill Legionella to promote a safer environment.

Innovative water solutions brought to life.



Visit bradleycorp.com/digital-mixing-valve

Represented by New Century Sales

WEST MICHIGAN

Michael Zago
C (616) 293-2121

E mikez@newcenturysales.com

WEST MICHIGAN

Rod Cox
C (616) 706-1481

E rodc@newcenturysales.com

EAST MICHIGAN

Todd Hiler
C (513) 633-2609

E toddh@newcenturysales.com

EAST MICHIGAN

Ross Beck
C (734) 673-2119

E rossb@newcenturysales.com

www.newcenturysales.com



Western Michigan Chapter

Help promote your business and support your local ASPE chapter by advertising in the 2022/2023 Western Michigan ASPE Society Newsletter which reaches local plumbing and mechanical engineers as well as local wholesale members. Choose the advertising level that best suits your needs. This increase in publicity for your company will be an asset for all parties involved.

Business card: \$150

Manufacturer Ads:

1/8 Page \$260

1/4 Page \$475

Full Page \$880

Included with your fee:

(9) issues of the newsletter

(9) inserts of the Business Card Ad in the newsletter

ASPE will once again be allowing you to rotate your advertisement throughout the year! If you wish to change your ad during the 2022/2023 session, email the new ad to me, and it will be changed in the following newsletter.

Advertising space can be purchased on the West Michigan ASPE website:

[Click here to purchase advertising space in the 2022/2023 newsletter](#)

Payment is due by September 30th.

Please send a copy of your ads and/or business cards to Jonathan Burke:

Phone: (616) 217-1399 Email: jmburke@burkeagency.com

Thank you for supporting your local ASPE chapter.



TAGGART-KNIGHT

Commercial Plumbing Manufacturers' Representative

BLÜCHER

Stainless steel pipe, fittings, Trench drains, Floor Drains, Cleanouts.

CHICAGO FAUCETS

Eemax
evolving hot water
INDUSTRIAL
COORDINATE WITH
ARCHITECTURAL PLANS

FRANKE

Behavioral Health, Manual and Sensor Faucets. Shower Systems. **

Electric Tankless & Mini-Tank Water Heaters. **

Stainless Steel Counter Sinks, Hand Sinks, Scullery Sinks.

Haws
INTERSAN

AXION Emergency Equipment, Bottle Fillers, Drinking Fountains, Water Coolers

Traditional & Solid Surface Washfountains, Solid Surface Countertops and Lavatory Systems.

Gould
SOLENOID VALVES

Bronze & Stainless Steel Solenoid Valves. **

ORION

Polypropylene & PVDF Acid Waste & High Purity Piping Systems. Acid Neutralization Tanks. **

POWERS

RS ROCKFORD SEPARATORS

Digital & Traditional Thermostatic Mixing Valve Systems. **

Welded Heavy Gauge Steel & Stainless Steel Interceptors & Separators. PDI Certified.

WATTS

Watts Water Technologies, Inc.

Cast Iron Drains & Carriers. Pressure Actuated Automatic Control Valves (ACV).

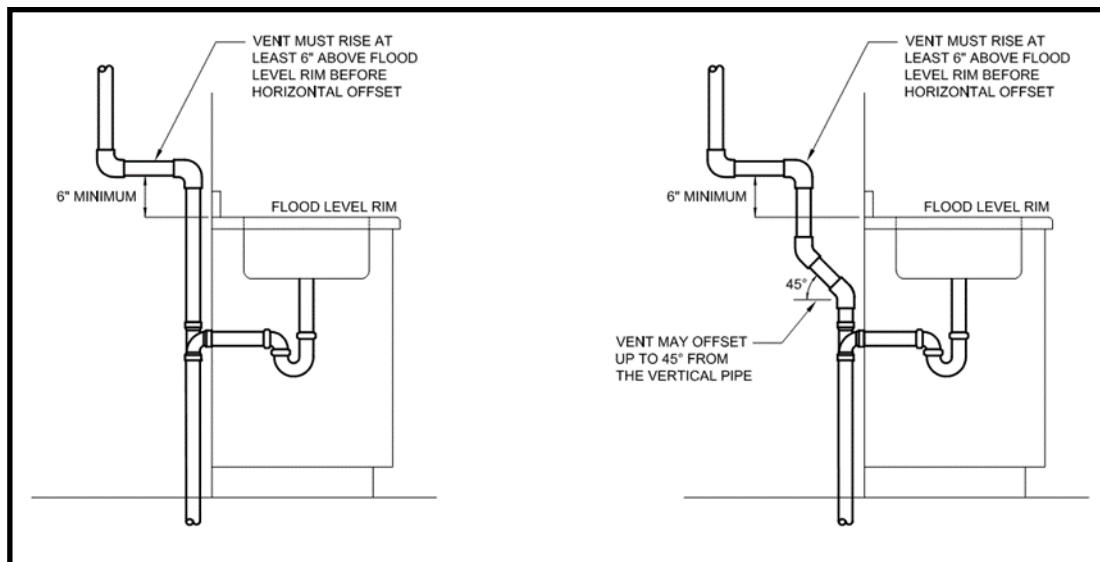
** Inventoried by Taggart-Knight

VP Legislative —Luciana Kayo

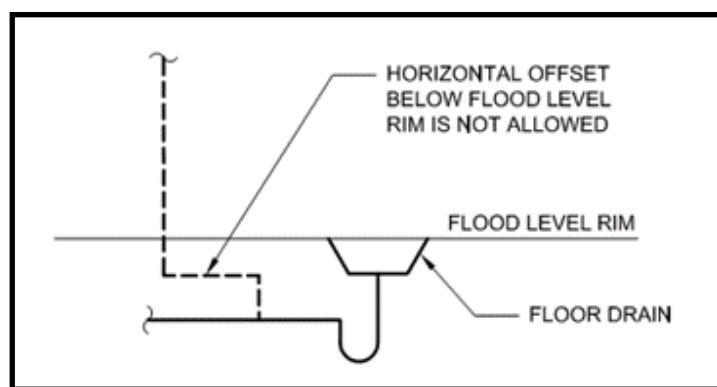
It was great to see and talk to many people at the ASPE Convention in Indianapolis! The Expo was also great with many new products on display.

This month we are continuing looking at sections on **Chapter 9 Vents**. It was good to receive positive feedback from several members regarding the images on the previous newsletter helping them getting a better understanding of the Code sections.

905.4 Vertical rise of vent. This section is one that frequently has Code violations. The section states that every dry vent shall rise vertically at least 6 inches above the flood level rim of the highest trap of trapped fixture being vented. This is to prevent backup waste in the drainage system from entering and blocking the vent piping. The only exception to this rule is vent for interceptors located outdoors since it will be impossible to install a vertical vent above the top of an interceptor.



Acceptable vent piping configuration. (Figure by L. Kayo)



Unacceptable venting configuration. (Figure by L. Kayo)

ARMSTRONG INTRODUCES THE RADA DIGITAL FAUCET

A SUPERIOR LEVEL OF HANDWASHING SAFETY AND INFECTION CONTROL,
FROM THE WORLD LEADER IN DIGITAL WATER TEMPERATURE TECHNOLOGY.

Armstrong brings the unparalleled accuracy, stability and safety of The Brain® Digital Recirculation Valve to a point-of-use solution—engineered to mitigate the growth and spread of waterborne pathogens and minimize the risk of scalding injury.



Rada Digital Faucets are an essential component of Armada™—a total, state-of-the-art hot water system engineered to deliver a superior level of user safety, infection control and compliance, from mechanical room to the point of use.

Please contact Merlo Energy at 1-800-968-1195

 **MERLO**
ENERGY
A MEMBER OF THE KENDALL GROUP


Armstrong®



Dependable. Efficient. Indispensable. (Our products *really* are a lot like you, come to think of it.)

Diversified Spec. Sales, Inc. recognizes the vital role plumbing engineers play in the health and well-being of our society; none of us can exist without clean water. As we depend on you to design plumbing systems designed for today's needs, it is our pleasure to offer you innovative, state-of-the-art product solutions of tomorrow, coupled with the rugged durability of yesteryear.

We carry thousands of products designed to help you achieve the outcomes your project demands. Visit us online to explore our line card or contact us directly to learn how we help you specify products that meet the highest of standards — *your own*.

VISIT US ONLINE:
diversifiedspec.com

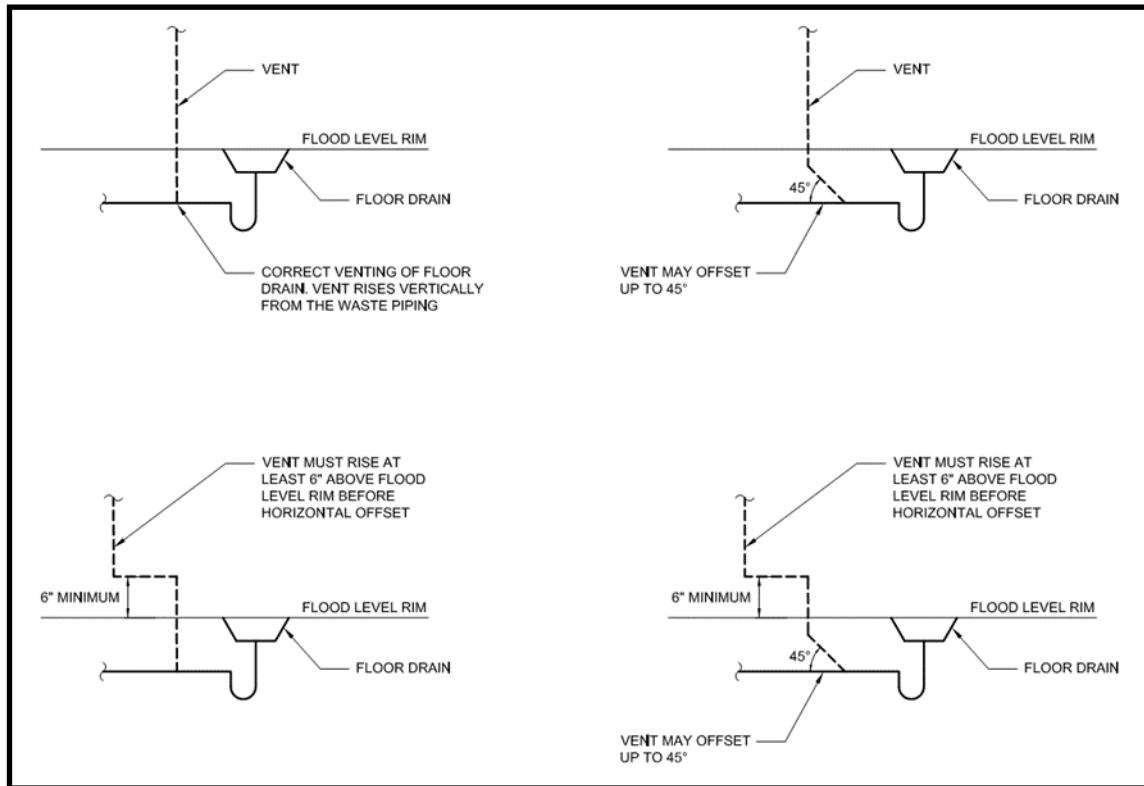
Eastern MI Office:
 13261 Northend Ave.,
 Oak Park MI 48237
p: 248.398.2400

Western MI Office:
 931 West River Center Dr.,
 Comstock Park, MI 49321
p: 616.785.9000



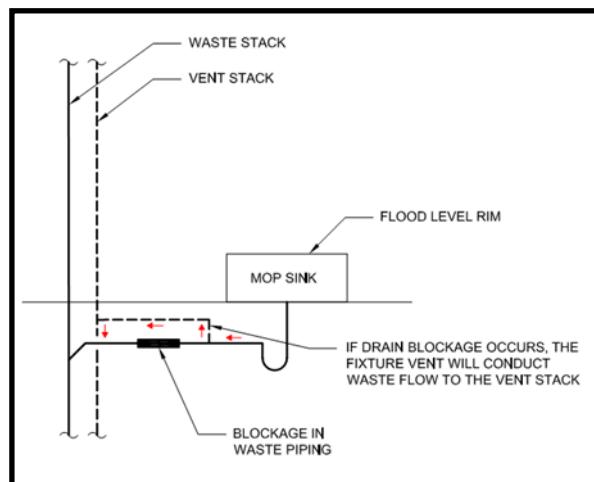
Diversified
 SPEC. SALES, INC.

VP Legislative —Luciana Kayo (Continued)



Acceptable venting configurations. (Figure by L. Kayo)

905.5 Height above fixtures. Similar to section 905.4, this section addresses the concern of having the waste rising into a vent pipe in case of a blockage. If this issue keeps happening, the vent pipe may become blocked with solids as the waste rises and dries out in the vent piping. Also, improperly installed individual or branch vents connecting to vent stacks may act as drain piping as shown on the image below.



Incorrect venting configuration. (Figure by L. Kayo)

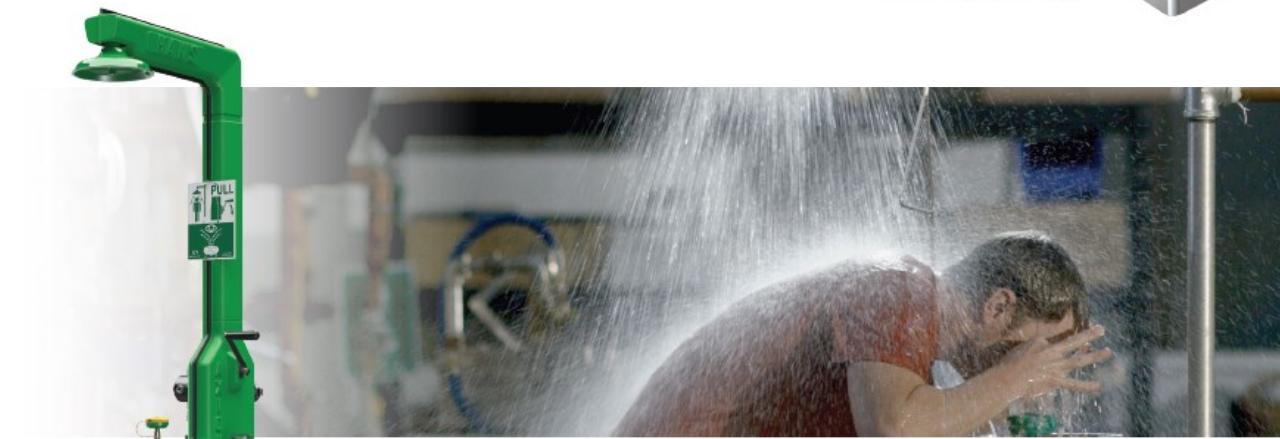
SAFETY OR HYDRATION – HAWS® IS THERE FOR YOU



Haws offers a wide variety of motion-activated hydration options for sanitary use in public places.

With an optional bubbler head deactivation feature, easily maneuver between functional and non-functional use at your convenience to meet building ADA compliance requirements.

1212SFH
ADA Touchless Water
Cooler and Bottle Filler



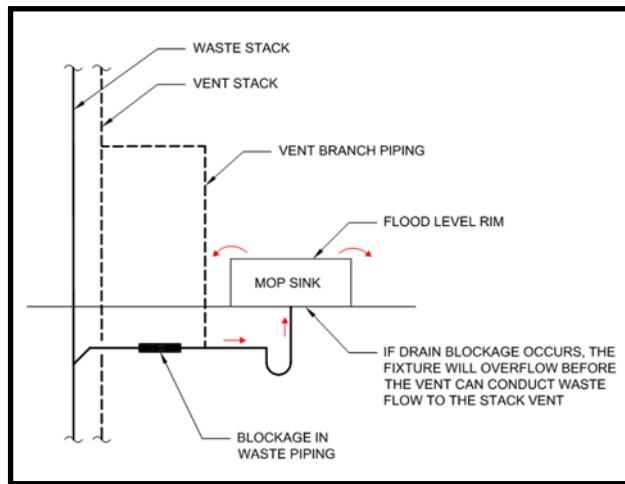
8315CTFP
AXION MSR Freeze-
Protected Shower
& Eye/Face Wash

Haws offers a wide variety of eye/face washes and showers, combination units, skid-mounted and outdoor tempered shower and eye/face wash systems using the industry's only Medically Superior Response® AXION® technology. AXION MSR® products provide a complete ANSI compliant safety solution.

Represented in Michigan by:
Taggart-Knight Group • Farmington Hills, MI 48331
www.taggartknight.com • info@taggartknight.com

 **Haws®**

VP Legislative —Luciana Kayo (Continued)



Proper venting configuration. (Figure by L. Kayo)

905.6 Vent for future fixtures. According to this section, where rough ins for future fixtures are installed, vents not less than half the size of waste piping must also be provided. This does not mean that vent needs to be completely connected to the waste piping or vent stacks. It means that provisions shall be made in advance so that means of venting the future fixtures are readily available. This is to avoid having fixtures without vents because there were no vents provided for future use. Proper identification of the vent piping for future connection also helps when fixture is to be installed.

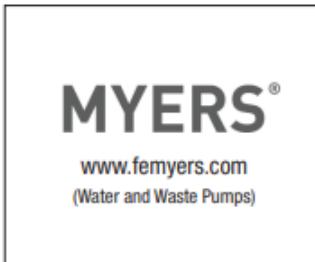
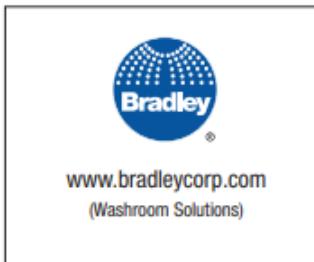
Source: 2018 Michigan Plumbing Code.

As always, let us know if you have any Code questions and see you at the October dinner meeting!



EAST MICHIGAN
1715 Traditional Dr.
Commerce Township, MI 48390
P (248) 960-1147 F (248) 960-1149

WEST MICHIGAN
550 36th St. SE
Grand Rapids, MI 49548
P (616) 600-9660



Represented by New Century Sales:

WEST MICHIGAN

Michael Zago
C (616) 293-2121

E mikez@newcenturysales.com

WEST MICHIGAN

Rod Cox
C (616) 706-1481

E rodc@newcenturysales.com

EAST MICHIGAN

Todd Hiler
C (513) 633-2609

E toddh@newcenturysales.com

EAST MICHIGAN

Ross Beck
C (734) 673-2119

E rossb@newcenturysales.com

www.newcenturysales.com



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 14th 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 TBD ASPE Annual Golf Outing

2022-2023 ASPE Western Michigan Chapter Board

PRESIDENT Tom Kingshott, CPD, GPD Progressive AE (616) 361-2664 kingshottt@progressiveae.com	VP—MEMBERSHIP John Cassady AirTech Equipment (616) 648 7703 Jcassady30@gmail.com	VP—LEGISLATIVE Luciana Kayo, CPD Comprehensive Engineering (616) 737-9227 lucianak@compeng.com
TREASURER Chuck Shoudel, CPD, GGP Byce & Associates (269) 488-7195 chuck.shoudel@byce.com	ADMINISTRATIVE SECRETARY Travis Smith, CPD Progressive AE (616) 988-4862 smitht2@progressiveae.com	EVENT COORDINATOR Breanna Kooiman Progressive AE (616) 988-4854 kooimanb@progressiveae.com
VP—TECHNICAL Nick Von Myhr GMB (616) 322-4713 nickv@gmb.com	CORRESPONDING SECRETARY Jonathan Burke Burke Agency (616) 217-1399 jmburke@burkeagency.com	BOARD ADDRESS: ASPE Western Michigan P.O. Box 150047 Grand Rapids, MI 49515 aspewestmichigan@gmail.com
VP—EDUCATION Brian Peceny Progressive AE (616) 365-6541 pecenyb@progressiveae.com	HISTORIAN Gordon L. Berridge Integrated Architecture (616) 813 6203 gberridge@INTARCH.com	



METRO DETROIT
2605 E. Oakley Park Rd, Ste. A
Commerce Twp, MI 48390
P: 248.669.2800
F: 248.669.3310

GRAND RAPIDS
8593 Commerce Drive SW
Byron Center, MI 49315
P: 616.878.7300
F: 616.583.1239

burkeagency.com



Residential and commercial toilet seats
bemisseats.com



Residential and commercial water
heaters, boilers, tankless
bradfordwhite.com



Stops and supplies, gas connectors,
fittings, plumbshop
brasscraft.com plumbshop.com



Fashion-forward kitchen and bath
faucets, shower systems
brizo.com



Residential and commercial pipe &
fittings, PVC, cast iron, CPVC
charlottepipe.com



Residential and commercial faucets,
showers, Peerless Faucet
deltafaucet.com/for-professionals



Residential and commercial faucets,
shower systems, Axor
hansgrohe-usa.com



Garbage disposers, hot water
dispensers, commercial
insinkerator.emerson.com



Pipe cements, washing machine boxes,
TrueBro, Studor
ipscorp.com



Thermostatic mixing valves,
emergency shower and eye wash
temperedwater.com



High efficiency hydronic boilers
and volume water heaters
laars.com



Maax acrylic, Aker fiberglass bathware
americanbathgroup.com



Gel coat and acrylic bathware
americanbathgroup.com



Bath and kitchen solid surfacing
products
americanbathgroup.com



Power tools and accessories for
plumbing and HVAC
milwaukeetool.com



Copper and NativeStone concrete
lavs, sinks, and tubs
nativetrails.net



Condensate neutralizers for HE boilers
and water heaters
neutrasafe.com



Residential and commercial fixtures,
washlet bidet seats
totousa.com



CounterStrike CSST flexible gas
pipe and fittings
omegaflex.com



Watco manufactures innovative bath
waste solutions
watcomfg.com



Hose connected hydrants
woodfordmfg.com



BURKE AGENCY INC.
MANUFACTURERS' REPRESENTATIVE



Lloyd Cooper
Manufacturers Representative
Plumbing and Heating Products
LloydC@jwsalesinc.net
orders@jwsalesinc.net

1774 W Tuttle Rd
Ionia, MI 48846
(248) 745-8590
CELL (616) 273-0992
www.jwsalesinc.net



Tim Jones
Technical Manager
Great Lakes Region

816 Maple Street
Three Rivers, MI 49093 - U.S.A.
Direct Phone: (269) 279-3104
Mobile Phone: (269) 532-4441
tjones@armstronginternational.com
armstronginternational.com

Intelligent System Solutions STEAM • AIR • HOT WATER



Diversified
SPEC. SALES, INC.

Shawn Olger
cell: 616.799.0450
office: 616.785.9000
solger@dsshowley.com

931 West River Center Dr, Comstock Park, MI 49321
p: 616.785.9000 f: 616.785.7347
www.diversifiedspec.com



New Century Sales, Inc.
Manufacturer's Representatives
550 36th St. SE
Grand Rapids, MI 49548

Michael Zago
Principal
D (616) 600-9660 x 107
C (616) 293-2121
E mikez@newcenturysales.com

Rod Cox
Principal
D (616) 600-9660 x 116
C (616) 706-1481
E rodc@newcenturysales.com



NORTHWEST KENT MECHANICAL CO.
P.O. Box 216K • 4095 16 Mile Rd.
Cedar Springs, Michigan 49319
www.nwkentmech.com

(616) 696-9026
FAX (616) 696-9327



DAVE WATSON ASSOCIATES, INC.
Manufacturers' Representatives

LE ultra pure water system, LabWaste high temp corrosive waste DWV system, CPVC / PVC pipe, valves and fittings. Ames / Fefco backflow, pressure - temperature regulation. Mueller strainers and valves.

OFFICE (800) 589-5595
CHARLIE WATSON
EMAIL CWATSON@DAVEWATSON.BIZ

CELL (616) 828-8309



DEPPMANN

4121 Brockton Dr. SE
Grand Rapids, MI 49512-4050
Phone (616) 656-0821
Toll Free (800) 589-8321

Tim Dawson
Todd Dopkowski
Nathan Oliver

Dave Shugars
Mike Kennedy

TEAM SOLUTIONS FOR THE HYDROINC AND STEAM INDUSTRY



Diversified
SPEC. SALES, INC.

Matt Sleper
cell: 269.267.2401
office: 616.785.9000
msleper@dsshowley.com

931 West River Center Dr, Comstock Park, MI 49321
p: 616.785.9000 f: 616.785.7347
www.diversifiedspec.com

Jonathan M. Burke

 **BURKE AGENCY^{INC}**
MANUFACTURERS' REPRESENTATIVE

Cell: (616) 217-1399

IMMEDIATE IMPACT. LASTING RELATIONSHIPS. EXTRAORDINARY RESULTS.

EMGSM

5402 RUSCHE DR NW
COMSTOCK PARK, MI 49321

ZMALEWITZ@EMGSM.COM
616.279.6471 M
616.785.4188 O

ZAC MALEWITZ
SALES

EMGSM.COM

balfrey & johnston, inc.
MANUFACTURER'S REPRESENTATIVE
Serving the Construction Industry Since 1959

Dale Sheehy

13050 Northend Ave.
Oak Park MI 48237
dsheehy@balfrey-johnston.com
www.balfrey-johnston.com

PHONE: 313-864-2800
FAX: 313-864-7219
MOBILE: 231-578-2011

 **FLIER'STM**
QUALITY WATER SYSTEMS

Paul Muller
Engineering / Sales
Cell 616-291-2144
pmuller@fliersinc.com

PURE engineering. PURE service. PURification.

7425 Clyde Park SW | Byron Center, MI 49315
Ph 616-583-9040 Ext 115 | 800-898-5525 | Fx 616-583-1230

 **COMPREHENSIVE
ENGINEERING**

Mechanical
Electrical
Structural
Civil

Comprehensive Engineering
4650 Plainfield Ave NE, Suite A
Grand Rapids, MI 49525

Tel: (616) 365.9933
www.compeng.com

Bill Rohen
Jenison, MI

Taggart-Knight
Manufacturers' Representatives **Group**

37686 Enterprise Ct.
Farmington Hills, MI 48331
P 248.553.4388 F 248.553.4653
Mobile 616.286.0000
bill.rohen@taggartknight.com

SALES SERVICE PLUS, INC.
Manufacturers Representatives

Aaron Sturos
Sales Enginner

 "SERVICE IS OUR MIDDLE NAME"

45606 Mast Street, Plymouth, MI 48170 (734) 454-7620 EXT 106
ASTuros@SalesServicePlus.com (734) 454-7632
www.SalesServicePlus.com

V. E. Sales Co., Inc.
Manufacturers' Representative

Cindy Zatto
Sales Representative

25200 Jefferson Ave.
Saint Clair Shores, MI 48081
586-774-7760 (office)
810-343-2713 (cell)
cindyz@vesalesinc.com

 www.vesalesinc.com



www.gmb.com

Jim Escamilla, PE

President/CEO

306 South Kalamazoo Mall
Kalamazoo, Michigan 49007

t: 269.381.6170

f: 269.381.6176

c: 269.569.3550

jim.escamilla@byce.com

INNOVATIVE PRACTICAL SOLUTIONS

CIVIL ARCHITECTURAL INTERIOR DESIGN STRUCTURAL MECHANICAL
ELECTRICAL BUILDING COMMISSIONING PROJECT MANAGEMENT



ENGINEERS | ARCHITECTS