

Central Indiana Chapter

FEBRUARY 2019

ASPENEWS



Scan here and check us out on the web

Inside This Issue:

CI-ASPE Birthdays.....	6
CI-ASPE BOD Meeting Minutes.....	24
CI-ASPE Luncheon Schedule.....	10
CI-ASPE Officers.....	26
CI-ASPE President.....	2
CI-ASPE VP Technical.....	7
Evansville-ASPE Officers.....	26
Evansville-ASPE BOD Meeting Minutes...	25
Newsletter Advertising Information.....	23
Region 2 Affiliate Liaison.....	3

**AMERICAN SOCIETY OF PLUMBING ENGINEERS
A NON-PROFIT ORGANIZATION - Local Chapters
are not authorized to speak for the Society**



Gary Borgmann, CPD
President, C.I. Chapter of ASPE

From the President:

Greetings! I'm not even going to say anything about our funky Indiana weather! Crazy!!! We had a great turnout at the January **Indy** meeting sponsored by Absolute Water Technologies. Thank you Rick Kaestner and his team for presenting a great tech session on "Water Quality for the Central Sterile Service Department"! I want to thank everyone for attending! Thankfully, the snow we got that morning melted away in time for a safe drive to the meeting. We had quite a few attendees that did not RSVP. Please, in the future let me know if you are coming. This information is very important with ordering the correct amount of food, as well as having enough seating. Thank you!

Our **Fort Wayne** meeting also had a good attendance with Bret Abner of Cope Company presenting on "Solutions for Ionic Exchange Systems". We don't have a February meeting, but the topic for the **March 14th meeting** will be **Hot Water Recirculation**. Michael Lambert and Battersby Danielson Azbell will be sponsoring this one.

Our February **Indy** meeting on the 21st will be sponsored by Jake Ismert with Sioux Chief on designing for **Water Hammer Control**. I've looked over Jake's PowerPoint and saw a few things I'd forgotten about, so I'm sure this will be a good program for our young designers as well as a good refresher for everyone. Be sure to let me know if you will attend.

We plan to roll out our **membership contest** again this month! We had such a good response with it in 2018, we thought we would try it again. David has the details posted elsewhere in this issue. Remember, there's good money to be earned by participating. To sweeten the pot, we are also offering a **50% Rebate** on all new memberships! That's a \$95 savings with a membership costing only \$95! What a deal! This applies to those of you who let your membership lapse years ago. We'd like to have you back.

February 17th through 23rd is **National Engineer's Week**, so promote it where you can. Tell your friends and family, talk to those younger adults, and even kids, that might need some direction in a future career. Engineering is at the heart of modern civilization! It has solved sanitation and comfort issues. It has helped improve farming and feeding the world. It has made manufacturing what it is today. Not to diminish the value of any other career, or occupation, because one cannot survive without the other. Our next meeting is on February 21st (during Engineer's Week), so come learn about engineering with us!

See you at the February meeting,

Gary Borgmann, CPD





Dann Holmes

ASPE Region 2 Affiliate Liaison

Legionella Conference 2019

Building Water Systems: The Sustainability and Public Health Nexus www.legionellaconference.org

In my January article I wrote about the many events happening in ASPE Region 2 this year. These include the February 28-March 1 Basic Design Workshop in Pittsburgh; the May 31-June 1 President's meeting in Rochester; and the August 6-8 HITS Conference in Buffalo. I expressed how much we have available to us in our region this year and how thankful we all must be for these educational opportunities. I closed in saying I would write more about the Legionella Conference 2019 as information became available.

Why a *Legionella* Conference? Simply put, because *Legionella* is the big 'L' in the room. Ears perk up at the slightest mention of the word. Hospitals go into panic mode and implement an immediate shutdown of water in section of their facility when they get a positive test result for it. It's complicated, it's important, and if we listen to many industry professionals, we all know we can store our hot water at 140°F and control this beast. If this is what you've been told, if this is what you believe, then you best put this conference on your "MUST ATTEND" list.

If you deal with healthcare, then you should understand *Legionella* isn't their only concern. *Pseudomonas aeruginosa*, *Acinetobacter*, NTM (Nontuberculous mycobacteria), and fungi are just some of the bacteria and fungi in these environments.

Today, all healthcare facilities must have an active water management plan in place. I hate to report to you that many of these plans are two, and three pages in length describing that "they have a WMP". They, or their consultants have used their computer Snipping Tool to snap a section out of the CDC Tool Kit and use that snip to illustrate their flow diagram, to show their control measures, and corrective actions. I hate to tell you this but the CDC Tool Kit is only a reference guide; an example to help you understand a process. A process that is only looking at the control of *Legionella*. IT IS NOT YOUR WATER MANAGEMENT PLAN.

There is no way any facility can have an effective Water Safety Plan without conducting a risk assessment that includes an onsite review of all their water systems.

So Why Should You Attend This Conference?

The *Legionella* Conference, hosted by NSF International and the National Environmental Health Association, is a unique, annual event that focuses on emerging issues related to building water systems - and brings professionals together to work toward solutions.

The 2019 *Legionella* Conference theme, "Building Water Systems: The Sustainability and Public Health Nexus," centers on how both industries can help align water and energy sustainability and public health goals. This event will bring together thought leaders from across the sustainability, public health, water management, water utility and academic communities. Working in collaboration with diverse stakeholders, we can develop systems to prevent illness associated with building water systems while meeting our sustainability goals.



Dann Holmes

ASPE Region 2 Affiliate Liaison

Important topics include:

- Creating a successful water management program
- Advancing water reuse opportunities
- Monitoring a successful water management program
- Intersection of sustainability and public health for cooling towers
- Water conservation goals and public health – responding to unintended consequences
- Strategies for benchmarking building water systems for sustainability and public health outcomes
- *Legionella* outbreak surveillance and response strategies – identifying best practices
- Domestic hot water systems – safely and efficiently managing water temperatures
- Plumbing design

Who Should Attend?

- Facilities managers
- Plumbing engineers
- Mechanical engineers
- Public health officials
- Health care infection control personnel
- Certified hygienists
- Environmental consultants
- Sustainability directors
- Professionals interested in building water health

Please visit www.legionellaconference.org to register. If you have something you'd like to contribute, please submit a Call for Abstracts. We all want to hear from you.

Dann Holmes – ASPE Region 2 Affiliate Liaison
NSF International – Building Water Health
Business Development Manager
r2al@aspe.org or (734) 214-6222

NFPA 99 Technical Meeting

Second Draft Meetings which will be held in Indianapolis, IN

The week of June 24th, 2019 for the NFPA 99 Second Draft Meetings which will be held in Indianapolis, IN. Hotel information will be sent as soon as we get the confirmation from our meetings department.

Schedule of TC Meetings:

- TC on Piping Systems - Monday-Tuesday 6/24-25
- TC on Hyperbaric and Hypobaric Facilities: - Monday-Tuesday 6/24-25
- TC on Electrical Systems - Wednesday 6/26
- TC on Health Care Emergency Management and Security - Wednesday 6/26
- TC on Medical Equipment - Thursday 6/27
- TC on Fundamentals - Thursday 6/27

www.nfpa.org

National Fire Protection Association

The leading information and knowledge resource on fire, electrical and related hazards.

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.™

Ft. Wayne January Lunch-N-Learn Photos



Happy Birthday !!

FEBRUARY BIRTHDAYS

Justin Brodehl
 John Bruce
 MaryAnn Dubiel
 Kyle Trick



ABSOLUTE WATER TECHNOLOGIES
 High Purity Water Solutions and Service

RICK KAESTNER
 317-374-0396

O 317-434-3003
 T 866-986-6860
 F 317-893-3052

55 S. State Ave.
 Suite 359
 Indianapolis, IN 46201

rick@absolutewatertech.com
 www.absolutewatertech.com



AQUA SYSTEMS

- Filters
- Softeners
- RO/DI Systems

Larry Goetz
 Commercial Industrial Systems Sales

114 Vista Parkway
 Avon, Indiana 46123

Tel. (317) 272-6715
 Toll Free (800) 997-5492
 Fax (317) 272-6728
 Cell (317) 453-7062

lgoetz@aquasystems.com
 www.aquasystems.com

Plumbing and Piping Products • Commercial and Residential



ARROW Sales Inc.
 Manufacturer's Representative

Chris Wood

P.O. Box 714
 Douglas, MI 49406
 Email: cwood@arrowsales.net
www.arrowsales.net

Chris Wood Cell: 317.654.2692
 Brad Wood Cell: 317.441.7897
 Chuck Smith Cell: 317.697.6690
 Office Fax: 317.663.0743



CENTRAL SUPPLY COMPANY

PLUMBING • ELECTRICAL • HVAC • TOOLS • SUPPLIES
 LOCALLY OWNED & OPERATED

JOHN BELL
 Outside Sales

317.397.1780 Cell
 JOHN.BELL@CENTRALSUPPLYCOMPANY.COM

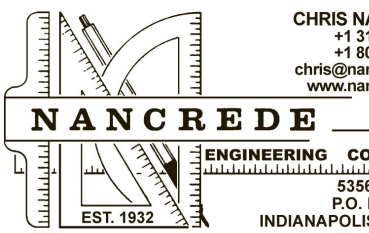
TOP Marketing Inc.

Manufacturer's Representatives

TOM KIENZ

1010 E. 86th St. Suite 61-D Indianapolis, IN 46240

Phone: (317) 575-9267 Fax: (317) 575-9843
 (888) 575-9267 (888) 575-9843
 email: tom@topmktg.com cell: (317) 439-8629



NANCREDE ENGINEERING CO.

CHRIS NANCREDE
 +1 317-257-7201
 +1 800-820-9021
chris@nancrede.com
www.nancrede.com

5356 HILLSIDE
 P.O. BOX 20012
 INDIANAPOLIS, IN 46220

EST. 1932

High Purity and Industrial Water Systems



SERVING THE INDIANA-KENTUCKY PLUMBING-HEATING INDUSTRY
 SINCE 1939

BRYAN LEE
 SALES ASSOCIATE

Web: WWW.ASPINALL.COM
 Email: BLEE@ASPINALL.COM

6840 HILLSDALE COURT
 INDIANAPOLIS, INDIANA 46250
 CELLULAR # 502-655-0474

(317) 849-5757
 FAX (317) 845-7967



JACK WINTROW
 COMMERCIAL & INDUSTRIAL SALES
 REPRESENTATIVE

jack.wintrow@indyculligan.com

6901 E. 38th St. Indianapolis, IN 46226

Office: 317-591-9999
 Cell: 317-223-1763
 Fax: 317-591-7661



LEONARD
 WATER TEMPERATURE CONTROLS

Rick Dodd
 Eastern Regional Sales Manager

955 Margueritta Way
 Greenwood, IN 46143

Phone (317) 997-9226
www.leonardvalve.com
rdodd@leonardvalve.com




MMI
 Marketing that Delivers

Mark Reed, CPMR
 Sales/COO

5342 West 78th Street
 Indianapolis, IN 46268
mreed@mmirep.com

CELL 317.590.7263
 PH 317.867.8943
 FX 317.896.3561

www.mmirep.com



Bryan Lee
Vice President Technical

Tech News Now:

Greetings,

We would like to thank Rick Kaestner and Andy Baker for presenting at our January meeting. Their presentation on “Water Quality for the Central Sterile Department” gave us a greater understanding of the considerations for water treatment in plumbing design.

Our February meeting will be sponsored by Jake Ismert of Sioux Chief Manufacturing. Jake will be presenting on “Water Hammer Control.” We welcome Jake to present to our local ASPE chapter and look forward to hearing the information he will share with us.

We look forward to seeing all of you at our February ASPE meeting. If you have a topic you would like to hear, or think would be of interest to our group, please let us know and we will do our best to set it up at one of our future ASPE luncheons.

Thank you all for your support!

SAVE THE DATE ... #HITS2019
BUFFALO, N.Y.
August 6,7,8

BUFFALO
NEW YORK

Healthcare Infection Transmission System (HITS)

A graphic with a white background and black text and silhouettes. At the top, it says "SAVE THE DATE ... #HITS2019". Below that, "BUFFALO, N.Y." is written in a black box. Underneath is "August 6,7,8". A black silhouette of the Buffalo, N.Y. skyline is shown. At the bottom right of the skyline, it says "BUFFALO NEW YORK". At the very bottom, it says "Healthcare Infection Transmission System (HITS)".



PROFESSIONAL DEVELOPMENT

Featured Training:

ARCSEA Rainwater Catchment Systems Installer Workshop

March 20-21, 2019

Azusa, CA

This two-day professional workshop is an in-depth rainwater catchment systems installation course that provides the 16 hours of subject-specific training required to sit for the [ASSE Series 21110 Rainwater Catchment Systems Installer Certification](#) exam. The workshop combines 4 hours of in-classroom work with 12 hours of **hands-on field work**. Workshop participants will also work through (in the form of an in-class activity) a real-life rainwater catchment system scenario prior to the field work. The field work will entail the review and assembly of five types of rainwater catchment projects.



2018-2019 ASPE Ft. Wayne Lunch Topics / Sponsors

February 2018

No Meeting

March 14, 2019

Sponsor: Battersby Danielson Azbell

Topic: **Hot Water Recirculation**

Speaker: Michael Lambert

April 2019

No meeting

May 9, 2019

Sponsor: Highland Tank

Topic: **Rainwater Harvesting—Recycle & Reuse**

Speaker: Chad O'Brien



Diversified Sales Group

Matt Lucchese

317.776.9535 phone
317.345.5108 cell

154 Carey Drive
Noblesville, Indiana 46060

317.776.9536 fax
matt@dsgrep.com




HYDRONIC & STEAM EQUIPMENT CO., INC.

317-577-8326 Office
317-577-7109 Fax
800-669-4926 Toll Free
317-430-5010 Mobile

JACK J. KIBORT, P.E.
Sales Engineer
jkibort@hydstm.com

8950 Bash Street
Indianapolis, IN 46256
www.hydstm.com

BOILERS | BURNERS | PUMPS | WATER HEATERS | HEAT EXCHANGERS



AQUA SYSTEMS

- Filters
- Softeners
- RO/DI Systems

Nevin Rudie
Commercial Industrial Systems

114 Vista Parkway
Avon, Indiana 46123

Tel. (317) 272-6715
Toll Free (800) 997-5492
Fax (317) 272-6728

nrudie@aquasystems.com
www.aquasystemsci.com

Visit our Website at:
<http://www.willoughby-ind.com>
e-mail: rlewis@willoughby-ind.com

Rick Lewis
National Sales Manager



Willoughby Industries, Inc.

Quality Manufacturer of Stainless Steel and Solid Surface Plumbing Products

5105 West 78th Street
Indianapolis, IN 46268

(317) 875-0830
Cell (317) 407-8103
Fax (317) 875-0837

WE'VE BEEN CPVC **INNOVATORS** FOR MORE THAN 50 YEARS.



To put our expertise to work on your next job, contact:


Rob Lloyd
Tel: (317) 690-2269
Email: rob.lloyd@lubrizol.com
www.lubrizolcpvc.com



© The Lubrizol Corporation 2015, all rights reserved. All marks are property of The Lubrizol Corporation, a Battersby Danielson Azbell Company.

Mike Lambert
Battersby Danielson & Associates
Director of Heating & Hydronics

17740 Commerce Drive
Westfield, IN 46074
mlambert@bda-in.com
office: 317-867-3799
fax: 317-867-5949
cell: 574-238-2031
www.bda-in.com



BDA
BATTERSBY DANIELSON AZBELL



EVAN HOFFMAN
Sales Representative

HOFFMAN SALES & SPECIALTY CO., INC.
PRODUCTS FOR HYDRONIC & STEAM SYSTEMS

c: 317.432.9463 f: 866.541.9066
P.O. Box 20398 Indianapolis, IN 46220
hoffsale@comcast.net

WMK & Associates
Scott Treeger
14035 Northcoat Place
Fishers, IN 46038
317-678-6112 – Direct Fax
317-670-0968 – Cell
wmktreeger@sbcglobal.net


Milwaukee Valve Company
16550 West Stratton Drive
New Berlin, WI 53151
262-432-2800 – Phone
262-432-2701 – Fax
www.milwaukeevalve.com



MILWAUKEE VALVE

HAMMOND VALVE

Plumbing and Piping Products • Commercial and Residential



Arrow Sales Inc.
Manufacturer's Representative

Brad Wood

P.O. Box 714
Douglas, MI 49406
Email: bwood@arrowsales.net
www.arrowsales.net

Brad Wood Cell: 317.441.7897
Chris Wood Cell: 317.654.2692
Chuck Smith Cell: 317.697.6690
Office Fax: 317.663.0743

FRANK BRUGGNER
DISTRICT SALES MANAGER

Viega LLC
Plumbing and Heating Systems



Tel: 317-586-0438
Cell: 317-586-0438
Fax: 317-578-4413
E-mail: frank.bruugner@viega.us

www.viega.us

2018-2019 CI-ASPE Lunch Topics / Sponsors

February 21, 2019

Sponsor: Sioux Chief

Topic: **Water Hammer**

Speaker: Jake Ismert

May 16, 2019

Sponsor: ASPE Board

Topic: **Hunter's Curve**

Speaker: Timothy Wolfe

March 21, 2019

Sponsor: Elkay

Topic: **Art of Water**

Speaker: Jim Montgomery

April 18, 2019

Sponsor: Viking Corporation

Topic: **Negative Pressure Based Piping Systems**

Speaker: Joe Donato

Central Indiana Monthly Lunch - N - Learn

Date: February 21, 2019 **Time:** 11:30 a.m. EST

Place: Knight's of Columbus, 2100 East 71st Street (71st and Keystone Ave.)

Topic: **Water Hammer**

Sponsor: Sioux Chief

Cost: \$15.00 (Sponsor will pay for Designer's/ Engineer's Meal)

RESERVATIONS ARE REQUIRED.

RSVP: Gary Borgmann *by Monday February 18, 2019*, Garyb2010mc@yahoo.com

Or on the IndyASPE.org website

[To RSVP Now Click Here!](#)

See You There!



CENTRAL INDIANA

Indianapolis January Lunch-N-Learn Preview

Water Hammer:

Program Outline:

- Physics of Water Hammer
- Damaging Effects
- Fluid Hammer in General
- Sizing and Placement of Arresters
- Model Code Requirements

Speaker Bio:

Jake Ismert

Jake Ismert is Regional Sales Manager for Sioux Chief Mfg. He has been at Sioux Chief and in the Plumbing Industry for 9 years. He has received extensive training from Sioux Chief and Mike Meagher (Vice President and Senior Product Group Director of Arresters) and receives ongoing training on at least a quarterly basis. His past seminars on Water Hammer control include: Minnesota State Inspectors, South Dakota State Plumbing Commission Board, South Dakota State Inspectors, St. Louis ASPE. Future Seminar to include State of Illinois Inspectors Association with their transition to Water Hammer enforcement.

February 28, 2019 MEETING ANNOUNCEMENT

This month we will be talking about *Making Intelligent Drainage Choices for Ultra-hygienic Applications*. Join us for this month's Evansville ASPE meeting.

-
- WHAT:** Making Intelligent Drainage Choices for Ultra-hygienic Applications by Walter See
WHERE: Red Fez, 6 Walnut Street, Evansville, IN ([click here for a map](#))
WHEN: Thursday February 28, 2019; 11:30am CST
LUNCH: Lunch is FREE for ASPE members, engineers and designers compliments of Blucher A Watts Brand; for all others, lunch is \$15.

PRESENTATION TOPIC:

Making Intelligent Drainage Choices for Ultra-hygienic Applications

Abstract: Many types of facilities, including buildings in the food & beverage and pharmaceuticals industries, have exceptional sanitary requirements. The right choice of drainage and attention to proper engineering practices can help to mitigate different types of contamination and corrosion that can affect drainage systems in production facilities. Flooring poses a significant hygienic challenge to food and beverage processing facilities because it is where waste, humidity, and physical stress are most prevalent. Drainage system components and piping are installed in or below flooring, and it is often assumed that regular cleaning rids the systems of the types of biological contaminants that threaten food safety. Yet despite the well-intentioned efforts and maintenance protocols of food and beverage companies, contamination outbreaks continue and recalls occur all too frequently.

This session will look at ways that hygienically designed drainage systems and an informed selection of drainage products (properly specified, installed, and maintained) can help mitigate the risk of contamination and corrosion. It will also address ways that well designed and constructed drainage can be cleaned with minimal water use and production downtime.

OUR PRESENTER:

Walter See; Eastern Regional Manager for the Blücher division of Watts Water Technologies. His background includes extensive pre-water treatment valve and system design, certification, and installation throughout the world. Walt has over 15 years of experience in the water treatment industry with specialized focus on the sanitary and hygienic aspects of drainage systems within the food and beverage industry.

Join us for our discussion about *Making Intelligent Drainage Choices for Ultra-hygienic Applications*. Mark your calendar, bring a colleague and join us Feb. 28, 2019. Please **RSVP** as soon as possible to President Sam Schenk at Schenk@bcclt.com or (812) 423-4407.





CONNECT 2019

MEMBERSHIP DRIVE

FEBRUARY 1ST - AUGUST 31ST
 All central Indiana ASPE Members are eligible
 to participate

Top four point earners will win!

First Place	\$200.00
Second Place	\$100.00
Third Place	\$50.00
Fourth Place	\$25.00

EARNING POINTS

Recruit a Student Member (High School or College Student)	1 Point
Recruit any Past Member	2 Points
Recruit any New Member (Over Age 35)	3 Points
Recruit any New Member (Under Age 35) (Excludes Student Members)	4 Points

* Member Recruits are to be sent to David Townsend, Membership VP at dtownsend@deemfirst.com, prior to the member being signed up to be counted toward your total. The Membership VP will keep the official membership drive tally. Awards will be presented at the September 2019 Chapter Meeting. Winners should be present to receive prize.



Indiana Association of Building Officials

2005 Indiana Residential Code - Mechanical Fuel Gas Provisions including Combustion Air, Ventilation, Gas Pipe Sizing and other

related topics

A training seminar sponsored by the Indiana Association of Building Officials, Inc. a chapter of the International Code Council, Inc.

Date: **February 20, 2019**

- Registration will begin at 8:30 a.m.
- Class will start at 9:00 a.m.
- There will be 1-hour allotted for lunch (lunch will not be provided)
- Class will conclude at 4:00 p.m.

Location and Parking: Zionsville Town Hall, 1100 West Oak St., Zionsville

Cost*:

Member: \$100, this fee will cover the instructor and materials

Non-member: \$125, this fee will cover the instructor and materials

IABO has applied for funding through the Statewide Fire and Building Safety Education Fund (675 IAC 12-11). **Please DO NOT pay in advance as an invoice will be sent after the class.*

This course consists of six contact hours and earns .6 ICC PPN CEU's.

Course Description:

The details provided will enhance the participants understanding of mechanical terminology, equipment, materials and methods of installation as related to residential construction.

The seminar will concentrate on mechanical and fuel gas provision of the 2005 Indiana Residential Code. The details provided in the seminar will enhance the participants understanding of mechanical and fuel gas terminology, equipment, materials and methods of installation as it relates to the following: Chapter 13 - Appliance Installation; Chapter 17 - Combustion Air; Chapter 24 - Fuel Gas with emphasis on Appliance, Location, Combustion, Ventilation and Dilution Air, Installation of Appliances and Equipment, Gas Pipe Sizing, Piping Material; Piping System Installation, Gas Shutoff Valves, Vents, Venting of Equipment, Sizing of Appliance Venting, and Appliance Venting.

This seminar will provide information so that the residential mechanical inspector can perform inspection tasks that are consistent with the requirements of the 2005 Indiana Residential Code.

Course Objectives:

- Define basic terms related to a mechanical inspection
- Explain concepts of specific requirements

Locate and apply mechanical and fuel gas code provision requirements.



Speaker: Robert J. Schutz, P.E., P.S., CBO

Robert J. Schutz, P.E., P.S., CBO, has served as an Assistant Architect Administrator at the Ohio Board of Building Standards. While with the State of Ohio, he has oversight of the new Residential Code of Ohio program, including certification of local residential code departments and personnel. Previously, Bob served ICC as Manager of Instructors with responsibilities for the selection, oversight and quality of ICC's cadre of staff and contract instructors. His varied previous experiences include active military service during the 1980's as an Army Corps of Engineers (ACE) officer; building code enforcement for several central Ohio jurisdictions, including ten years as Chief

Building Official (CBO) for the City of Powell where he also served as City Engineer and Director of Public Services; and Chief Engineer, for the Ohio Department of Health where he chaired the state's plumbing advisory board, was chief of plumbing and was a voting member on the Ohio Board of Building Standards. He is experienced in combat construction, facilities engineering and project management as well as having been a plumber, sheet metal worker and brick mason.

Mr. Schutz has a civil engineering degree from Ohio Northern University with post graduate studies at the University of Southern California and The Ohio State University in environmental law, land-use planning and public administration. He is a registered Professional Engineer and Professional Surveyor, certified Chief Building Official and holds Ohio certifications as Building Official, Plans Examiner and Inspector for Building, Plumbing, Electrical Safety and Residential. Bob instructs IBC structural and nonstructural seminars, all IRC subjects, mechanical, plumbing and fuel gas codes and administrative topics.

Registration Deadline:

The registration deadline is February 13, 2019. Registrations received after February 13 will not be guaranteed class materials at the time of class.

Cancellation Policy:

All cancellations must be received in writing no later than February 13, 2019 to avoid penalty. All late cancellations and no shows will be billed \$50. Faxed cancellations must be verified they were received. It is the responsibility of the registrant to make the verification. Emergencies will be dealt with on an individual basis.

After registration is successfully submitted a confirmation email will be sent to the email address entered during registration.

Login Information: If you choose to login into your account, your email address is your username and then click on "Reset Password" to set up your password.

Please register online: [2005 IRC Mechanical Fuel Gas Provisions including Combustion Air, Ventilation, Gas Pipe Sizing and other related topics](#)

Thank you,
Indiana Association of Building Officials

Central Indiana January Lunch-N-Learn

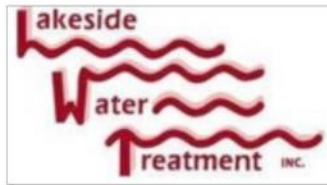




Upcoming Deadlines & Reminders

- ◇ 2019 CPD Exam Dates – Apr. 4-5, 2019
 - ✦ 2019 CPD Exam Registration Opens – Dec. 1, 2018
 - ✦ 2019 CPD Exam Registration Closes – Mar. 21, 2019
- ◇ 2019 CPD Exam Review Dates & Locations
 - ✦ Feb. 9 & 10, Charlotte, NC – Instructor: David Bailey, Host: Tom Sharp
 - ✦ Feb. 16 & 17, Rosemont, IL – Instructor: Donald Taylor, Host: Pam Rosenberg
 - ✦ Feb. 23 & 24, Irvine, CA – Instructor: Donald Taylor, Host: Don Strickland
 - ✦ Mar. 2 & 3, Pittsburgh, PA – Instructor: David Bailey, Host: Eric Reese
- ◇ 2020 CPD Exam Dates – Apr. 2-3, 2020
- ◇ Webinars:
 - ✦ Jan. 10, 2019 - Drainage Selection for Hygienic Applications, Rosemont, IL – Instructors: Scott Steindler & James Hunt
- ◇ Workshops:
 - ✦ Feb. 21, 8:30 a.m. – 4:30 p.m. - Intermediate Plumbing Design Workshop, Irvine, CA – Instructor: Peter A. Kraut
 - ✦ Feb. 28 – Mar. 1, 8:00 a.m. – 4:30 p.m. – Basic Plumbing Design II, Pittsburgh, PA – Instructor: Michael Danielson
 - ✦ Feb. 22, 8:00 a.m. – 4:30 p.m. – Medical Gas Design, Irvine, CA – Instructor: Mark Allen
 - ✦ Feb. 27, 8:00 a.m. – 4:30 p.m. – Medical Gas Design, Pittsburgh, PA - Instructor: Mark Allen
 - ✦ Engineers Weeks – Feb. 17 – 23, 2019
 - ✦ Atlanta Chapter – 50th Anniversary – Mar. 9, 2019
- ◇ World Plumbing Day – Mar. 11, 2019

SOFTENING
REVERSE OSMOSIS
FILTRATION



CONDENSATE POLISHER
DEALKALIZATION
DEIONIZERS

Commercial and Industrial Water Treatment Systems



O: 317-434-3003
T: 866-986-6860
55 South State Ave, Suite 101
Indianapolis, Indiana 46201
www.absolutewatertech.com



T&S IS HERE >

T&S is proud to be a trusted name across a wide range of markets — staying at the forefront of today's evolving industry and providing a vast selection of reliable solutions that meet required codes and compliances.

Learn more at tsbrass.com/markets.

Find us in
M MASTERSPEC
building codes and compliance



EDUCATION



PUBLIC VENUES

HEALTHCARE

COMMERCIAL OFFICES



T&S plumbing products represented in Central Indiana by: Aspinall Associate Inc. - 317-849-5757

ASPE-JATC PRODUCT SHOW

WHEN

April 17, 2019

2 pm - 8:30 pm CST

WHERE

**Plumbers and Steam Fitters Local
136 Union Hall**

2300 SAINT JOSEPH INDUSTRIAL PARK DRIVE, EVANSVILLE, IN 47720



PRESENTED BY



MCA OF INDIANA, INC.

FREE ADMISSION

VENDORS

Over 35 area suppliers and manufacturers will be here showing their latest and greatest valves, fitting, pipe, tools, equipment, specialties and more.

ALL MECHANICAL

Plumbing, Hydronics, Controls, Refrigeration and more

GIVE AWAYS!!

- Grand Prize (2) Heavy Duty Coolers. (1) JATC Member / (1) General Attendee
- \$100 Gift Card. Early bird drawing for attendee's signed in before 4:30PM
- Door prizes given out throughout the event (Must be present to Win)

SPECIAL FEATURES

- Tour the Training Center
- Door Prizes
- (Must Be 18 To Win)

New Membership Options

We are pleased to announce some new membership initiatives to help you make the most of your ASPE membership. Please see descriptions of these initiatives below, or for more information, contact the **Membership Department** at membership@aspe.org.

Multi-Year Membership Renewal

Now you can save on your ASPE membership dues if you join or renew for more than one year. Current and new members will get a 5% discount for a two-year renewal and a 10% discount for a three-year renewal. Thus, members opting to join or renew for two years would pay \$361 for both years, representing a \$19 discount, and members opting to join or renew for three years would pay \$513 for three years, representing a \$66 discount. You can renew online at aspe.org/MembershipRenewal.

Early Renewal Discount for First-Year Members

After you join ASPE for the first time, you can ensure continued membership benefits at a discount by renewing early. Any first-year member who renews by the end of the eighth month of their membership will receive a reduced dues amount of \$170 for the second year, therefore saving \$20 by renewing early. Eligibility guidelines for this discount follow:

- Only those who joined after July 1, 2018 are eligible.
- Only 125 members per quarter can take advantage of this offer on a first come first serve basis.
- Renewal must be done online at aspe.org/MembershipRenewal.

Multiple Chapter Affiliation

Did you know that you can be a member of more than one ASPE Chapter? You can! Here's how it works:

- The first Chapter affiliation is the standard dues of \$190.
- Additional Chapter affiliations are \$80 per Chapter. There is no limit to the number of Chapters with which a member can affiliate.
- The member must designate a Home Chapter.
- Regardless of the Home Chapter affiliation, the member can serve on the Board of Directors for any Chapter with which the member is affiliated.
- However, the member can only serve as a Convention Delegate for his/her Home Chapter.
- Members affiliating with multiple Chapters will receive only one Plumbing Engineering Design Handbook (PEDH) per year when renewing.

Contact the **Membership Department** at 847-296-0002 for more information or to affiliate with multiple Chapters.

Questions should be directed to membership@aspe.org.

ASPE.ORG

Page 20

QUALITY PRODUCTS FOR QUALITY WATER



filtration deionization reverse osmosis softening

Marlo designs and manufactures a wide array of products ranging from standard catalog type equipment to custom engineered systems tailored to comply with specific customer requirements.

COMMERCIAL & INDUSTRIAL WATER TREATMENT EQUIPMENT

REPRESENTED IN INDIANA BY:



5356 Hillside Avenue
Indianapolis, IN 46220
P: +1 888-56-Water (569-2837)
F: +1 317-255-4727
info@nancrede.com
www.nancrede.com

The Solutions and the Service You Expect.

Perfecting the art of building quality mechanical systems for Indiana's most prominent landmarks for more than 40 years



NORTH MECHANICAL
CONTRACTING & SERVICE

317-610-2627

KUSEL

EQUIPMENT CO.

USING THE WRONG PRODUCT CAN BE A REAL DRAIN!

Kusel's KE Series Floor Drains are the right product every time!



- Third Party Certified to Meet "Special Duty" Top Loading Classification
- Manufactured in Accordance to ASME A112.6.3
- Available in T304 and T316L Stainless Steel
- Limited Lifetime Warranty
- Full Sanitary Welds
- Acid Pickled

STAINLESS STEEL
FLOOR DRAINS • PTRAPS • FLOOR SINKS • TRENCH DRAINS

Proudly Represented by MMI
p: 317-590-7263 • f: 317-896-3561
email: mreed@mmirep.com

FROM OFF THE SHELF TO CUSTOM PRODUCTS

CASPE

American Society of
Plumbing Engineers™

EVANSVILLE SATELLITE

Evansville ASPE January Lunch-N-Learn



Joseph R. Azbell

Battersby Danielson Azbell
Vice President
17740 Commerce Drive
Westfield, IN 46074
Cell Phone: 317-590-0750
E-mail: jazbell@bda-in.com
Office: 317-867-3799
E-Fax: 317-867-5949
Web: www.bda-in.com



JEREMY GOODWIN

Manufacturers Representatives

5501 N. Oxford Street
Indianapolis, IN 46220
jgoodwin@ashworthtrain.com

p 317.722.1950
f 317.722.1955
c 317.797.0124

Plumbing-Heating-Underground | Residential-Commercial
Luxury Showroom Products | Contractor Tools & Specialties



KRIS LONG

Sales Solutions Representative
690 West Northfield Drive
Suite 400
Brownsburg, IN 46112
Cell: (317) 956-9439
Office: (317) 858-7700
Fax: (866) 932-6418
E-Mail: klong@affiliatedsteam.com

www.affiliatedsteam.com



1203 E. St. Clair St.
Indianapolis, IN 46202

p: 317-849-0641
f: 317-849-5271
w: www.p-massoc.com

Michael Henderson, CPMR
President, CEO

c: 317-223-8557
e: mhenderson@p-massoc.com



JAMES P. LYON

15223 Herriman Blvd.
Suite 1
Noblesville, IN 46060

317.580.1515
317.432.3563 CELL
317.581.1515 FAX
jlyon@s15inc.com

Plumbing and Piping Products • Commercial and Residential



Sales Inc.

Manufacturer's Representative

Dan Cummins

P.O. Box 714
Douglas, MI 49406
Email: dcummins@arrowsales.net
www.arrowsales.net

Dan Cummins Cell: 317.496.1288
Brad Wood Cell: 317.441.7897
Chris Wood Cell: 317.654.2692
Office Fax: 317.663.0743



- Filters
- Softeners
- RO/DI Systems

Chelsi Sims
Commercial Industrial Systems
Sales

csims@aquasystems.com
www.aquasystems.com

114 Vista Parkway
Avon, Indiana 46123
Tel: (317) 272-6715
Toll Free (800) 997-5492
Fax (317) 272-6728
Cell (317) 223-3912



KEVIN SQUIRES
PRESIDENT

6268 W. Stoner Dr., Suite C
Greenfield, IN 46140
Phone: (317) 894-0627
Fax: (317) 894-0628

Cell: (317) 439-6106

ksquires@corrosiontech.com

*Specialists in Engineered Components and Systems
to Convey and Contain Corrosive Fluids*

Rick Swagger
Commercial &
Industrial Sales



3425 Centennial Dr., Ft. Wayne, IN 46808
Office: (260) 484-8668 • Fax: (260) 482-5633
Email: rick@culliganftwayne.com • Cell: (260) 750-7948
www.ultrapure.com

Viega MegaPress® Stainless
Original innovation — new choices

viega.us/mpstainless

Advantages of MegaPress Stainless for IPS

- Approved for use with Schedule 10 and Schedule 40 pipe
- Viega Smart Connect® feature makes unpressed fittings easy to detect during pressure testing
- No risk of fire or smoke and no cool-down required, so fire watches or hot work permits are not needed
- ASME approvals: B31.1, B31.3, B31.9
- Fitting sizes ranging 1/2" to 2"

Viega. Connected in quality.

For more information, contact:

Carl Petitt, Jr.
Technical Manager
Great Lakes
carl.petitt@viega.us
(614) 852-2691

Frank Bruggner
District Sales Manager
frank.bruggner@viega.us
(317) 586-0438

RIDGID® is a registered trademark of RIDGID, Inc.



Hit a plateau and ready to advance your career?

Hixson has immediate openings for a **Department Manager** and experienced **Mechanical Project Engineers/Designers** working with Piping, Plumbing and Fire Protection Systems.

Outstanding opportunities await experienced ENGINEERS or DESIGNERS to join our nationally recognized firm providing A/E/I services to corporate clients throughout North America. Are you ready to lead challenging projects and develop your professional and technical skills? Let's talk! The leadership is strong and ambitious, the company is growing, and new associates will play a critical role in the company's future.

To learn more or apply, visit <http://www.hixson-inc.com/about-us/join-our-team/>

HIXSON

ARCHITECTURE ENGINEERING INTERIORS

659 Van Meter Street | Cincinnati, OH 45202 | Careers@hixson-inc.com | 513-241-1230

2019 – 2020 ADVERTISEMENT RATES:

All annual Advertisement(s) are printed from September thru August. Any partial year Advertisement(s) will be pro-rated accordingly. If you would like to have your Business Card(s) and/or other **Pre-Approved** Advertisement(s) printed in our monthly Newsletter, please email them to George Russell at (george@tec-mep.com). Invoices will be sent out for all the Advertisement(s) requested.

1. Business Card: **\$50.00** per year, per card (In Newsletter Only)
2. Business Card: **\$100.00** per year, per card (In Newsletter w/ Your Website Link)
3. Full Page Advertisement: **\$75.00** per page, per month.
4. Half Page Advertisement: **\$50.00** per month.
5. Quarter Page Advertisement: **\$35.00** per month.

NOTE: A **\$25.00** Service Fee will be added to your total invoice if you are NOT a current individual ASPE member. Checks are to be made out to; Central Indiana Chapter ASPE and mailed to; Pete Dervenis, 5475 Cayman Court, Carmel, IN 46033.

DEADLINE: For Advertisement(s) to be included in the following month's Newsletter, all information needs to be sent to George Russell by the **25th** of the current month. If you have any questions, please call George Russell at (317) 636-3941; or Pete Dervenis at (317) 509-9831.

Central Indiana ASPE Board Meeting
January 11, 2018

Attendees: Gary Borgmann, Pete Dervenis, David Townsend, Bryan Lee, Frank Bruggner, Joe Azbell, John Okerson

Meeting called to order at 11:40a.m.

Old Business:

Treasure's report

- Financially the board is in good standing .
- There is one outstanding invoices due from the monthly luncheons.

Membership report

- Membership is holding steady—101 members.
- Discount/rebate for new members?
 - CI-ASPE will reimburse any new or returning member 50% of this year's dues. Member must not have been a member last year.

VP Tech report

- All Indy & Ft. Wayne luncheons have been scheduled for this year.
- One luncheon has been scheduled for next year.
- All current CEU's have been sent.
- Engineer's Week
 - Purdue has a Construction Engineering Conference.
 - ASHRAE is putting on an event similar to Ace Mentoring at Purdue "Impromptu Design Challenge" on Feb. 23.
 - Gary will follow up with Hamilton SE.

CI-ASPE 45th Anniversary

- Will be sometime in September.
- Joe has already looked at:
 - Tavern on South, Platt 99 @ the Alexander Hotel, Eagle on Mass Ave and Salt Restaurant

New Business:

Recognizing long standing ASPE Members

- Should we do a small article every month in the newsletter?
- John suggested we have AYP interview them.

Region 2 montly conference calls for VPT, VPL & VPM

- One time per month—round table discussion.
- What is working/not working for each chapter

Misc

- AYP/WOA Event—March 14th at the Escape Room to be sponsored by McWayne.
- BOD Appreciation Dinner—End of Feb./Beginning of March, on a Saturday evening.
- Membership Appreciation—Track? Indians?

The meeting was adjourned at 1:20

Respectfully submitted by George Russell, CPD –Corresponding Secretary

Next board meeting February 8th at Circle Design's office (11:30 am)



American Society of Plumbing Engineers
A NON-PROFIT ORGANIZATION

Evansville Indiana Satellite Chapter
458 W. Melchoir Dr. S.
Santa Claus, IN 47579

EVANSVILLE SATELLITE

EVANSVILLE ASPE SATELLITE CHAPTER

BOARD MEETING – Date January 3, 2019

Location Red Fez

Time 11:00

President – Schenk

- a) Last term
- b) Information to Central Indiana

Vice President Technical – Farmer (Not in attendance)

- a) Lunch meetings

Vice President Membership – Buechlein

- a) No new members. Recommends we all reach out to individuals directly and invite them to luncheons .

Treasurer - Evans (Not in attendance)

- a) No update.

Secretary – Sitzman

- a) Golf Outing Update (June 18)
 - a. Date is scheduled
 - b. To create “Save the Date” and “Sponsor Menu” flyers before next board meeting.

Affiliate Liaison – Lowe

- a) Trade show update (April 17)
 - a. Date is scheduled
 - b. Discussing audio options for announcements between buildings.
 - c. Discussed possible door prizes.

Historian – Fox

- a) No new news.

New Business

- a) Elections coming up in May.
- b) Add upcoming Scramble and Trade Show dates to luncheon invite.

Next General Meeting – 1/24/19

Next Board Meeting – 2/7/19

Central Indiana ASPE Chapter Officers 2019-2021

President

Gary Borgmann, CPD
Stair Associates, Inc.
9641 Commerce Dr.
Work: (317) 228-1900
Cell: (317) 657-3426
E-mail: garyb2010mc@yahoo.com

Vice President Technical

Bryan Lee
Aspinall Associates
6840 Hillsdale Ct.
Indianapolis, IN 46250
Ph: (502) 656-0474
E-mail: BLee@aspinall.com

Vice President Legislative

Frank Bruggner
Viega
10841 Davis Way
Fishers, IN 46038
Ph: (317) 586-0438
E-mail: frank.bruggner@viega.com

Treasurer

Pete Dervenis
Garrett Advisors LLC
5475 Cayman Court
Carmel, IN 46033
Ph: (317) 509-9831
E-mail: pdervenis@indy.rr.com

Vice President Membership

David Townsend, CPD
Deem LLC
6831 E 32nd Street, Suite 200
Indianapolis, IN 46226
Cell: (317) 775-3950
Email: dnt-web@sbcglobal.net

Vice President Education

Rick Dodd
Leonard Valve Company
1360 Elmwood Ave.
Cranston, RI 02910
Ph: (317) 997-9226
E-mail: rdodd@leonardvalve.com

Administrative Secretary

Michael Henderson
P-M & Associates
1203 E. St. Clair Street
Indianapolis, IN 46202
Ph: (317) 775-6282
Email: shullett@p-massoc.com

Corresponding Secretary

George Russell, CPD
The Engineering Collaborative
2410 Executive Dr., Suite 100
Indianapolis, IN 46241
Ph: (317) 636-3941
E-mail: George@tec-mep.com

Newsletter Editor

George Russell, CPD
The Engineering Collaborative
2410 Executive Dr., Suite 100
Indianapolis, IN 46241
Ph: (317) 636-3941
E-mail: George@tec-mep.com

Affiliate Liaison

Joseph Azbell
Battersby Danielson Azbell
17740 Commerce Drive
Westfield, IN 46074
Ph: (317) 867-3799
E-mail: jazbell@bda-in.com

AYP Liaison

John Okerson
BSA LifeStructures
9365 Counselors Row, Suite 300
Indianapolis, IN 46240
Ph: (317) 819-7878
E-mail: jokerson@bsalifestructures.com

WOA Liaison

Julia Mauck
NIBCO Inc.
1516 Middlebury St.
Elkhart, IN 46516
Ph: (281) 636-2777
E-mail: mauckj@nibco.com

Evansville Satellite ASPE Chapter Officers 2019-2021

President

Sam Schenk, CPD
BCCLTI
300 N.W. Second St.
Evansville, IN 47708
Ph: (812) 423-4407
E-mail: schenk@bcclt.com

Vice President Technical

Greg Farmer, PE
Panasonic ECOi
458 W. Melchoir Dr. S.
Santa Claus, IN 47579
Ph: (812) 456-6110
E-mail: gafarmer177@gmail.com

Treasurer

Jacob Evans
Ferguson Enterprises
621 W. Morgan Avenue
Evansville, IN 47710
Ph: (812) 483-9361
E-mail: Jacob.Evans@ferguson.com

Vice President Membership

John Buechlein
Affiliated Steam Inc.
690 W. Northfield Dr., Suite 400
Brownsburg, IN 46112
Ph: (812) 661-9610
Email: jbuechlein@affiliatedsteam.com

Administrative Secretary

Steve Sitzman, CPD
Skanska USA Civil
401 N.W. First Street
Evansville, IN 47708
Ph: (812) 464-7304
E-mail: steve.sitzman@skanska.com

Affiliate Liaison

Brian Lowe
Edward D. Jones & Company, L.P.
26 W. Campground Rd.
Evansville, IN 47710
Ph: (812) 550-2099
E-mail: bklowe80@gmail.com

Historian

Larry Fox, CPD
2524 Irish Ivy Lane
Henderson, KY 42420
Ph: (270) 577-5965
E-mail: lfox@twc.com