Johnstown ASHRAE March 2016 Meeting

- Date: Tuesday, March 8, 2016
- Location: Boulevard Grill
  (165 Southmont Blvd, Johnstown, PA 15905)
  Joint Meeting with ASPE
  - Speaker: Joe Hannigan
  - Topic: Monochloramine
  - RSVP by March 4, 2016
  - Cost: $25 per Person
  - Time: 5-6 pm: Social Hour
    6-8:00 pm: Dinner/Presentation

*New for 2016*
Prepay and RSVP from our website
Joseph M. Hannigan Jr., CWT, HEM
CEO
Klenzoid, Inc. / Sanipur US LLC
912 Spring Mill Ave.
Conshohocken, PA 19428
Phone : (610) 825-9494
Fax : (610) 825-0238
Email: joe_hannigan@klenzoidinc.com

• Currently President and principal partner of Klenzoid, Inc. and Sanipur US LLC. Specializing in the design, installation and operation of water treatment systems and technologies for municipal, industrial and institutional Environments.
• Served in numerous engineering and sales positions over 40 years with Klenzoid beginning in 1974 as an entry level Field Engineer.
• Holds three (3) U.S. Patents (assigned to Klenzoid) for various water treatment processes including Cooling Tower water filtration, Zero Discharge Cooling Tower Treatment and Zinc Pyrophosphate, a unique corrosion inhibition molecule.
• Past President (1997), Association of Water Technologies (AWT)
• AWT Chairman, ASHE Legionella Task Group
• AWT Association Liaison, AWT/ ASHE
• Member, American Water Works Association (AWWA)
• Member, American Society for Healthcare Engineering (ASHE)
• Member, International Society of Pharmaceutical Engineers (ISPE)
• ECRI, Certified Healthcare Environmental Manager (HEM)
• AWT, Certified Water Technologist (CWT)
• ASHRAE 188-2015 Committee Member
• Author and Presenter “Alternative Approaches to Cooling Water treatment…” AWT 1996
• Co-author “Evaluation of Chlorine Dioxide…” ASHE 2001
• Co-author and Presenter, “Managing Legionella in a Regional Healthcare Complex…” AWT 2002.
• Author and Presenter, “ Control of Waterborne Pathogen in Plumbing System” ASPE 2003
• Co Author and Presenter. “ Limited Evaluation of corrosion…Copper/ Silver Ionization” AWT 2013
A MESSAGE FROM THE PRESIDENT’S DESK

I want to thank everyone who attended last month’s meeting and came out to see a past Society President, William Bahnfleth speak at the annual PSPE/ASHRAE Engineer’s Banquet. It was a great honor to have him as our distinguished lecturer.

Congratulations to all of those young students who earned awards from Math Counts, ASHRAE, IEEE, PSPE and UPJ. Also special congratulations to Sean Trabold for receiving the ASHRAE Johnstown Chapter Scholarship and Brett Yonish for being awarded Young Engineer of the Year by PSPE.

For our upcoming meeting we will have our second joint meeting of the year with ASPE. Mr. Joe Hannigan from Sanipur will be our presenter, topic being disinfection of building water piping systems utilizing Monochloramines.

Please see our upcoming schedule of events – as the year moves forward, we have many more exciting events for you to participate in and I certainly hope to see you there!

Thanks again and we’ll see you at the meeting!

Kyle E. Koval
ASHRAE Johnstown
Chapter President
Chapter History

This month we take a look back in time and recognize past chapter presidents. A strong Chapter relies on good presidential leadership, so we thank all those who have served in this role in past years. As you can see, there are many years were I do not have record of the Chapter President. If you or someone you know served as Chapter President for one of the missing years, please let me know so I can update our archives. Thanks!

<table>
<thead>
<tr>
<th>Year</th>
<th>President</th>
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<tbody>
<tr>
<td>1980 - 1981</td>
<td>James Thompson</td>
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<td>1988 - 1989</td>
<td>Bruce Grasser</td>
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<td>Barry Lampel</td>
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<td>Paul Petrilli</td>
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<td>Tim Earhart</td>
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<td>1995 - 1996</td>
<td>Peter Spinelli</td>
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<td>Fouad Youssif</td>
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<td>1997 - 1998</td>
<td>Paul Petrilli</td>
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<td>1998 - 1999</td>
<td>Scott Mack</td>
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<td>John Solarczyk</td>
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<td>2003 - 2004</td>
<td>Greg Gallardy</td>
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<td>2004 - 2005</td>
<td>Rich Seyerle</td>
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<td>John Weiland</td>
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<td>2007 - 2008</td>
<td>Tim Sample</td>
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<td>2008 - 2009</td>
<td>Chris Albright</td>
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<td>2009 - 2010</td>
<td>Chris Albright</td>
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<td>2010 - 2011</td>
<td>Cory Eberhart</td>
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<td>2011 - 2012</td>
<td>Cory Eberhart</td>
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<td>2012 - 2013</td>
<td>David Anderson</td>
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<td>2013 - 2014</td>
<td>David Anderson</td>
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<td>2014 - 2015</td>
<td>Christopher Conrad</td>
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<td>2015 - 2016</td>
<td>Kyle Koval</td>
</tr>
</tbody>
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John Weiland, P.E.
ASHRAE Johnstown
Historian
ASHRAE 2016 Conference

St. Louis, MO
June 25 – 29, 2016
ASHRAE Learning Institute
2016 Spring Online Course Series

2 WAYS TO REGISTER
Take 3 or more courses and save 15% off registration!

Internet: www.ashrae.org/onlinecourses
Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)
Price: $284 ($219 ASHRAE Member); Two-part courses: $484 ($359 ASHRAE Member)
Note: You may register up to 24 hours prior to an online course. Courses are in US Eastern Time.

Combined Heat & Power: Creating Efficiency through Design & Operations
Mon, March 28, 2016 – 1:00 pm to 4:00 pm EDT

Commissioning Processes & Standard 202
Wed, March 30, 2016 – 1:00 pm to 4:00 pm, EDT

IT Equipment Design Evolution & Data Center Operation Optimization
Wed, April 6, 2016 – 1:00 pm to 4:00 pm, EDT

Complying with Standard 90.1-2013: HVAC/Mechanical
Wed, April 13, 2016 – 1:00 pm to 4:00 pm, EDT

Laboratory Design: The Basics and Beyond
Mon, April 18, 2016 – 1:00 pm to 4:00 pm, EDT

Standard 188-2015 – Successfully Managing the Risk of Legionella
Mon, April 25, 2016 – 1:00 pm to 4:00 pm, EDT

Air-to-Air Energy Recovery Applications: Best Practices
Wed, April 27, 2016 – 1:00 pm to 4:00 pm, EDT

Fundamental Requirements of Standard 62.1-2013
Mon, May 2, 2016 – 1:00 pm to 4:00 pm, EDT

Variable Refrigerant Flow System Design & Applications
Mon, May 16, 2016 – 1:00 pm to 4:00 pm, EDT

The following courses are comprised of two parts. Registrants must attend both parts in order to receive CEU/PDH credits.

Exceeding Standard 90.1-2013 to Meet LEED® Requirements
Part 1: Mon, April 11, 2016 – 1:00 pm to 4:00 pm, EDT
Part 2: Wed, April 20, 2016 – 1:00 pm to 4:00 pm, EDT

Operations & Maintenance of High-Performance Buildings
Part 1: Tue, May 17, 2016 – 1:00 pm to 4:00 pm, EDT
Part 2: Wed, May 18, 2016 – 1:00 pm to 4:00 pm, EDT

ASHRAE HVAC Design Training
2 Courses, 5 Days of Intense Instruction
Atlanta • Cleveland • Halifax • Hong Kong • Kuala Lumpur
Miami • Minneapolis • San Francisco • Vancouver

HVAC Design: Level I – Essentials - Registration is $1,264 ($1,009 ASHRAE Member)
Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II – Applications - Registration is $854 ($699 ASHRAE Member)
HVAC Design: Level II – Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit www.ashrae.org/hvactraining to register.
Certifications

- BEAP - Building Energy Assessment Professional Certification
- BEMP - Building Energy Modeling Professional Certification
- CPMP - Commissioning Process Management Professional Certification
- HFDP - Healthcare Facility Design Professional Certification
- HBDP - High-Performance Building Design Professional Certification
- OPMP - Operations and Performance Management Professional Certification

The Value of Certification

ASHRAE certification programs were founded to meet industry need as identified through market research and today provide value to many important stakeholders. Developed by subject matter experts, including those recruited from allied professional organizations, ASHRAE certification programs benchmark with the ANSI/ISO accreditation standards for personnel certification programs to help ensure quality. For the past 100+ years ASHRAE has worked hard to earn and maintain a worldwide reputation for being the leader in HVAC&R design. ASHRAE certification programs serve to reinforce that reputation.

Value for Certification Earners

The decision to pursue a certification – on top of all of their other commitments - is not one lightly made by busy professionals, but the benefits of getting certified are many:
- Greater confidence in competence in critical job knowledge, skills and abilities
- Portable credential recognized and valued by employers
- Competitive edge and respect among peers, in the workplace and among potential clients
- Heightened job satisfaction

Value for Building Owners

Building owners want to know who they should hire to design critical building systems that will impact occupant comfort, safety, efficiency and - ultimately – profitability. Hiring a firm that assigns an ASHRAE-certified professional to a project confers the following benefits:
- Increased confidence in critical job knowledge, skills and abilities
- Compliance with applicable local, state and federal requirements
Confidence in corporate commitment to the professional development of its employees and to providing the best possible resources for projects
- Disciplinary process to follow in case of complaints

Value for Employers

Hiring - and retaining - the right employees is an expensive proposition with many unknowns. Taking ASHRAE certification into consideration during the process – and embracing it in the corporate culture - confers the following benefits to HR, the hiring manager and the employer:
- Recruit the most-qualified professionals
- Elevated reputation and credibility among current and potential customers
- Enhanced compliance with applicable local, state and federal requirements
- Greater job satisfaction and resulting lower turnover
- Provides clear, value-added professional development path
# Calendar of Events

<table>
<thead>
<tr>
<th>No.</th>
<th>Meeting Date</th>
<th>Theme / Events</th>
<th>Topic</th>
<th>Speaker</th>
<th>Location</th>
<th>Joint Meeting With</th>
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<tbody>
<tr>
<td></td>
<td>September 18, 2015</td>
<td>Sporting Clay Event</td>
<td>Social Event</td>
<td></td>
<td>7 Springs Resort</td>
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<td>1</td>
<td>October 13, 2015</td>
<td>YEA &amp; MP Night</td>
<td>Refrigeration Choices</td>
<td>Cory Eberhart</td>
<td>Boulevard Grill</td>
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<td>2</td>
<td>November 18, 2015</td>
<td>ASPE Joint Meeting</td>
<td>Fuel Oil Pumping</td>
<td>Provided by ASPE</td>
<td>Rizzo’s</td>
<td>ASPE</td>
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<td>2a</td>
<td>November 30, 2015</td>
<td>Half Day Seminar</td>
<td>ABAA Presentation - Air Barmer Design</td>
<td>Laveme Dalgleish</td>
<td>HF Lenz Co</td>
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<td>3</td>
<td>December 8, 2015</td>
<td>Research Promotion Night</td>
<td>Flight 93 Tour</td>
<td>Flight 93 Tour</td>
<td>Flight 93</td>
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<td>January 13, 2016</td>
<td>MP Night</td>
<td>Iso Room Design</td>
<td>Tim Earhart</td>
<td>Boulevard Grill</td>
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<td>February 2016</td>
<td>Student Activities Night</td>
<td>lEq</td>
<td>William Bahrifleth</td>
<td>UPJ</td>
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<td>6</td>
<td>March 8, 2016</td>
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<td>Monochloramine</td>
<td>Joe Hannigan</td>
<td>Boulevard Grill</td>
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<td>April 12, 2016</td>
<td>AIA Joint Meeting</td>
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<td>WebCast</td>
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<td>May 10, 2016</td>
<td>TBD</td>
<td>Standard 189.1</td>
<td>Dru Crawley</td>
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<td>10</td>
<td>July 2016</td>
<td>Golf Outing</td>
<td>Social Event</td>
<td>Champion Lakes Golf Resort</td>
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</table>
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**BOG:**
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