



WHAT'S IN THIS ISSUE

President's Report	2
Technical Report	3
Membership Report	4
Legislative Report	6
Calendar	Insert

Society email aspe@aspe.org

Society Website www.aspe.org

Boston Chapter Website www.aspebostonchapter.org

Next Meeting

TUESDAY, FEBRUARY 11th, 2014

The Lantana, Randolph, MA

MAIN PROGRAM

FIRE STOP

SPEAKERS

Chris Allington

Sr. Fire Protection Specialist, Hilti Inc.

PROGRAM SCHEDULE

Social Hour	5:00 – 6:00
Dinner	6:00 – 6:45
Chapter Business	6:45 – 7:00
Speaker / Technical Session	7:00 – 8:30

MENU

New England Clam Chowder,
 French Double Cut Pork Chop
 with Red Wine Demi Glaze
 & Blueberry Cobbler

MEETING RESERVATIONS

\$20.00 ONLINE Reservation

*(Please use the electronic invitation sent to you on
 February 3rd or February 7th)*

\$35.00 W/O Reservation

\$25.00 Call in Reservation

Retired & Currently Unemployed Members are Free

Please reserve by **Friday, February 7th, 2014**

Contact Cathy @ W.P. Haney,
 (508) 238 – 2030

Overheard during the January Chapter Meeting:



Bill Brady illustrates the importance of a Rainwater Reclaim system for “The Itsy, Bitsy Spider”.



“I can never remember how to proper clear the calculator, so I push the “C” and “AC” buttons multiple times.”



In all seriousness, it was a nice turnout. Good food, good friends and colleagues, and a good topic. It was good to see everyone who attended, especially our members from NH. Thanks to all who made the effort to attend.

President
Kevin Lally, CET
Eldaar Craft Design
Tel: (603) - 505 - 4503
e-mail: kwl@eldaar-craftdesign.com

V. P. Technical
Laurence D. Johnston, CPD
Consentini Associates
Tel: (617) - 494 - 9090
e-mail: ljohnston@consentini-ma.com

V. P. Legislative
Frank Denisi
Consentini Associates
Tel: (617) - 234 - 1824
e-mail: fdenisi@cosentini-ma.com

V. P. Membership
John Callahan, CPD
J. H. Pokorny Associates
Tel: (781) - 762 - 2661
Fax: (781) - 762 - 5949
e-mail: johnc@jhpokorny.net

Treasurer
Richard Pokorny
J. H. Pokorny Associates
Tel: (781) - 762 - 2661
Fax: (781) - 762 - 5949
e-mail: richp@jhpokorny.net

Administrative Secretary
Paul G. Galvin
GF Piping Systems
Tel: (741) - 788 - 7042
Fax: (508) - 362 - 3544
e-mail: paul.galvin@georgfischer.com

Corresponding Secretary
Patrick J. Haney
W. P. Haney Company
Tel: (508) - 238 - 2030
Fax: (508) - 238 - 8353
e-mail: phaney656@aol.com

Education Chairman
Fredrick (Rick) Neth, EIT
Parsons Brinkerhoff
Tel: (617) - 426 - 7330 X4809
Email: nethf@pbworld.com

Affiliate Liaison
Jeff Gooding
David Gooding Associates
Tel: (401) - 639 - 4429
email: jgooding@goodingd.com

ASPENEWS Editor
Dawn Pokorny
Tel: (508) - 520 - 0133
Fax: (781) - 762 - 5949
e-mail: dawnp@jhpokorny.net

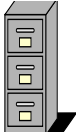
Board of Governors

Chairman

Rich Dean, CPD

Members

Fredrick (Rick) Neth, EIT
Al Marzullo PE, CPD



Technical Report

Next Meeting
Tuesday February 11, 2014
The Lantana, Randolph, MA

Main Program
Fire stop

Speaker
Chris Allington Sr. Fire Protection Specialist
Hilti Inc.

Program Schedule
Social hour: 5:00 to 6:00
Dinner: 6:00 to 6:45
Chapter Business 6:45 to 7:00
Speaker/Technical Session: 7:00 to 8:30

Mr. Allington is the Hilti Fire Protection Specialist for New England, with over 17 years of experience. Fire Protection consists of 2 types -Active & Passive. Mr. Allington's expertise is on the passive fire protection side which deals with containment. This allows him to provide education and training of Life Safety and proper firestop installations. Mr. Allington is a member and passive fire protection presenter of the following organizations:

- IFC - International Firestop Council
- AIA - Passive Fire Protection Presenter
- ASHE- (NEHES) - New England Healthcare Engineers Society
- AFE - Association of Facility Engineers
- AGC – Associated General Contractors of America
- ABC - Associated Builders & Contractors, Inc.
- BICSI - Building Industry Consulting Service International

By Laurence D. Johnston, CPD, V.P. Technical, Boston Chapter ASPE

ELKAY
EZH₂O
www.elkayusa.com

 **Davenport Associates**
A Northeast Marketing & Sales Team
for Plumbing Manufacturers
Phone: (203) 265-2389
www.davenportassociates.com

Plumbing/Fire Protection Design

BVH Integrated Services is a design firm located Newton, Mass. BVH is a firm with a major concentration in Higher Education, Healthcare as well as a compliment of Laboratory and Commercial Projects.

The ideal candidate:

- Has 5+ years' experience in the design and development of plumbing / fire protection systems and specifications for healthcare and other institutional facilities.
 - Is capable of working independently, delegating production responsibility and mentoring staff
 - BSME or equivalent preferred.
- Has a working knowledge of CADD, REVIT and BIM platforms.

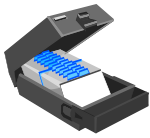
For consideration, please submit your resume through our website: www.bvhis.com

The Fire Pump Testing Company

Evaluation, Testing and Certification of Fire Suppression Systems
Fire Pump Testing, Standpipe Testing and Building Commissioning
Hydrant Flow Testing and Water Supply Analysis
Residential and Commercial System Installation and Service
Fire Protection Design and Engineering - System Hydraulic Analysis

Tel: (617) 971-0700
Fax: (617) 524-7171
Cell: (617) 592-4236

11 Varney Street http://www.thefirepumptestingcompany.com
Boston, MA 02130-4109 Email: tom@thefirepumptestingcompany.com
Thomas Duross CPD Member: ASPE, NFPA, AFSA, FCCCHR, BBB



Membership News

Win Dunkin Donuts Gift Cards?

The names below are the Boston Chapter Members who need to renew their membership in February. The first three members on this list that tell me they renewed online will win a Dunkin Donuts gift card. It's that easy. Just email me and let me know that you renewed online and the \$10 Dunkin Donuts gift card is yours. Congratulations to Rich Dean, the very first member to tell me he renewed online last month.



Joseph P. Barrell Jr.	Patrick Hart CPD
Michael R. Belanger	Robert E. Jackson CPD
Stephen A. Beliveau CPD	Robert F. Kirschner Jr
John T. Carter	Mark Lemire
Seshappa Chandrashekar P.E.	Robert N. Littman
Dino J. D'Angelo	Jacob Littman
John J DelTufo	Gordon MacEwan
Eduard Doraci	Joseph Mierzejewski
David A. Ferrari	John O'Brien
Christopher M. Garcia	Zachary Rohlfis
Lawrence F. Harding	Belinda Stansbury

Downtown Boston Chapter Luncheon Meeting

I reported last month that the Chapter was looking into holding a lunchtime chapter meeting in downtown Boston. I asked everyone to send me an email and tell me if you think you would likely attend a lunchtime technical in downtown Boston. Everyone I heard from said they thought it was a great idea, and some engineers outside of Boston said they would drive into the city to attend. Admittedly the number of respondents was small (disappointingly so) so I thought I would ask one more time. **Do you want us to schedule a lunchtime monthly meeting in Boston?** Email me at johnc@jhpokorny.net and let me know.

Returning Members 50% off Promotion

If your membership lapsed in 2012 (or any year prior to that), you are eligible to rejoin the Society at a 50% discount. Regardless of how many years it has been since your membership lapsed, all it takes to become a member again is to fill out the form available at www.aspe.org. This promotion has been extended for a few more months.

Members: Make sure you don't miss your renewal notices

In an effort to streamline the distribution of membership renewal invoices, all ASPE renewal notices will be sent electronically, so make sure we have your current e-mail address on file. How do you do that, you ask? Great question. Log onto the ASPE website at: <http://aspe.org/user> type in your username and password, and you can verify and update your personal information on file. The bottom line is this, if you have moved, changed jobs or changed your email address in the past five years, odds are you need to update your information. Looking at our most recent roster, we do not have an email address on file for the following members:

Dennis Maguire	George E. DiCenzo
Bruce D. Walker	Mitsu Koshima
Louis J. Visco	Richard A. Delaney

ASPE members: have you checked out the newest member benefit?

ASPE's new CEU Center allows members to organize every CEU you have earned for your recertification requirements in one convenient place. CEUs from ASPE National are automatically recorded, and you also can record CEUs you've earned outside of ASPE and upload certificates or other proof of CEU credit. Go to www.aspe.org/ceucenterinfo and start tracking your CEU's.

Speaking of Member Benefits: PEDH Volume 1 is on its way

ASPE members: keep an eye on your mail for the newest version of *Plumbing Engineering Design Handbook—Volume 1: Fundamentals of Plumbing Engineering*, which will be delivered to all members in good standing by the end of the month.

By John Callahan, CPD, V.P. Membership, Boston Chapter ASPE



Guardian

EMERGENCY EYEWASH & SHOWER TECHNOLOGY

Represented by
J.H. Pokorny Associates



**Piping.
Systems.
Solutions.**

victaulic
Northeast Engineering Specialist
David Dears • 617-824-0601

www.victaulic.com
1-800-PICK-VIC

KIRSCHNER ASSOCIATES, INC.
8 Abbey Lane, PO Box 312
Middleboro, MA 02346-0312
Tel: 800-752-1588 Fax: 508-947-0850
www.kirschnerassociates.com

PATTERSON-KELLEY
AMERIDEX PHX • WENDLAND TANK
RITE BOILERS • NATCO HEATERS
SECURITY CHIMNEYS

All Sloan Faucets are Lead-Free

Engineers know when they specify sensor faucets from Sloan, they are specifying lead-free. Sloan faucets meet all commercial lead-free needs by meeting the following codes:

- Section 116875 of the California Health & Safety Code
- NSF/ANSI 372-2011
- Vermont Lead Reduction Law (Vermont Act 193)
- Federal Lead Plumbing Law (U.S. Senate Bill No. S.3874)

Any Application. Any Environment.
www.sloanvalve.com

J.H. Pokorny Assoc.
781-762-2661

SLOAN

GOURLEYCO
HOT WATER BY DESIGN
80 FELTON STREET, WALTHAM, MA 02453
Phone: 781-894-9500 Fax: 781-894-2301
Website: www.gourleyco.com

Gas Water Heating Boilers Hydronic Heating Boilers Gas Fired Booster Heaters Commercial Pool and Spa Heaters	Tank-type Water Heaters Gas and Electric Residential and Commercial
Semi-Instantaneous & Factory Packaged Water Heaters	OnSite PRO Inc. FLOODSTOP Stop Flood Damage Before It Really Starts

K Ross Co www.krossco.com
MANUFACTURERS AGENT sales@krossco.com

Manufacturers' Representative

Tower Hill Sales Associates, Inc.
Servicing New England Since 1992

American Valve • Anaco/Husky • Elbi • Kingspan Solar/Rainwater
Lawler Manufacturing • PVI Industries • Proceptor • ProVent Systems
Riverside Hydronics • SIME • Speakman Company • T-Drill • Therman Manufacturing • TracPipe • Tyler Pipe • Willoughby Industries

800-542-5554 • sales@towerhillsales.com • www.towerhillsales.com

JHP

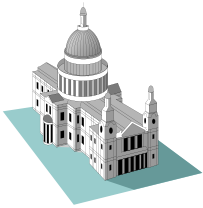
J. H. Pokorny Associates LLC

www.jhpokorny.net
getinfo@jhpokorny.net

1502 Providence Highway
Norwood, MA 02062
Tel (781) 762 - 2661 Fax (781) 762 - 5949

Proud to Represent:

- Sloan Valve Co.
- Leonard Valve Co.
- WaterSaver
- Guardian
- Georg Fischer
- Just
- Oasis
- Metcraft
- Karp



Legislative Report

This month's Legislative article is a brief summary of the Massachusetts accessibility laws and regulations. Rather than recapping the specific dimensional requirements detailed in ADAAG and 521 CMR, this article will investigate the specific responsibilities of the plumbing designer and engineer.

When accessibility work is performed within the State of Massachusetts, be it a new building or renovation, it must be done in accordance with the ADA Accessibility Guidelines (ADAAG) and 521 CMR, The Rules and Regulations of the Massachusetts Architectural Access Board, the more stringent of the two documents shall apply.

Plumbing fixture location and all associated ADA clearances and heights are the responsibility of the architect, and should be detailed on their drawings. The plumbing drawings should refer to the architectural drawings for all plumbing fixture heights and clearances. The plumbing engineer should be responsible for the review and specification of plumbing fixtures for ADA compliance and Massachusetts State Plumbing Board approval. That being said, there are a few key ADA dimensions we should be familiar with, the below dimensions are the more stringent of those that are stated in the ADAAG and 521 CMR.

ADA Water closets is to be installed 17" to 19" above the finished floor.

ADA Urinal shall be a maximum of 17" above finished floor.

ADA sinks and lavatories are to have a maximum depth of 6-1/2" and be installed a maximum of 34" above finished floor.

Required height of children ADA plumbing fixtures vary by age group.

36" x 36" ADA shower stall shall have a 1/2" maximum lip

30" x 60" shower is to have no curb.

Exposed trap and drain piping under a sink or lavatory should be installed as close to the rear wall as possible, supply piping should be insulated or guarded.

And finally, who enforces the accessibility? ADA is a civil right law, it is not enforced by the building inspector but by the U.S. department of justice.

As always, I would like to encourage all members to feel free contact me either by phone or email regarding the article or any other legislative matters.

By Frank Denisi, V.P. Legislative, Boston Chapter ASPE

"This pipe capacity chart shows the volume contained in each one foot length of pipe, and the time it takes for 0.5 gpm to flow through it. Now you understand why the delay getting hot water to a fixture."

Pipe Size (Diameter)	Pipe Capacity (Gal. per ft.)	Time Delay per ft. (@ 0.5 gpm)
3/8"	0.006	0.7 sec/ft
1/2"	0.010	1.2 sec/ft
3/4"	0.023	2.8 sec/ft
1"	0.041	4.9 sec/ft
1 1/4"	0.064	7.7 sec/ft
1 1/2"	0.092	11 sec/ft
2"	0.163	20 sec/ft
3"	0.367	45 sec/ft
4"	0.653	80 sec/ft

LEAD-FREE. WORRY-FREE. HASSLE-FREE.

4 YEARS EARLY.

With new national lead-free legislation taking effect in 2014, there's been a lot of talk about making the switch. Here's the truth: T&S was the first fixture, faucet and fitting manufacturer to convert its entire line to lead-free alloys back in 2010.

So when you purchase a T&S faucet today, you're already lead-free compliant. No worries. No hassle.



www.tsbrass.com
800.476.4103

Represented in Boston by Specification Sales - 781-396-0842

Smart Just Got Smarter

Lead Free



RL Stone

RL Stone Company Inc.
Toll Free: (888) 404-8882
Fax: (315) 479-5402
www.rl-stone.com




Learn more at:
armstronginternational.com/brain



**WATTS®
REGULATOR**

**WATTS
DRAINAGE**



**AMES
FIRE & WATERWORKS**

Patrick J. Haney

Represented by:
WP Haney Co.
51 Norfolk Ave.
South Easton, MA 02375
Phone (508) 238-2030
Fax (508) 238-8353
Cell (508) 326-7056

ETTER Engineering Company, Inc.

SOLUTIONS. . .

To ALL Your Process Heating & Combustion Needs!

Custom Manufacturing Solutions

- Complete regulator station design and build
- Custom process heating packages and applications
- Engineering specialty valve packages and valve trains
- Energy and metering services, including in-plant sub-metering, complete station design and build, and data acquisition
- UL-508A Certified Panel Shop specializing in combustion controls and flame safeguard systems.



www.etterengineering.com



Tel: 860-584-8842
 Fax: 860-584-8612
 Cell: 203-213-6971

SOLUTIONS...To ALL Your Process Heating & Combustion Needs!

ETTER Engineering Company, Inc.

Jon G. Moore
V.P., Engineering Sales

210 Century Drive
 Bristol, CT 06010

jmoore@etterengineering.com
www.etterengineering.com



Robert N. Littman
 Vice President

6 Norfolk Avenue, South Easton, MA 02375
 © (508) 230-9445 Fax (508) 230-9446
 Cell (617) 921-1017 rlittman@airenergy.com



- Air Compressors
- Vacuum Pumps & Systems
- Air Treatment Products
- Sales/Service/Rentals
- Dryers • Filters
- 24-Hour Service

Web: www.airenergy.com

Joe Myers

Regional Manager
 603-223-0107 – Direct
 603-223-0108 – Direct Fax
 603-496-9031 – Cell Phone
jmyers@milwaukeevalve.com



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



On-Demand		HyTronic Faucet		SmartPlus Circ.	
-----------	--	-----------------	--	-----------------	--

300 Pond St. Randolph, MA 02368

www.emersonswan.com | (800) 346-9215



Leonard Valve Company
 1360 Elmwood Avenue
 Cranston, RI 02910
 Ph (800) 222-1208
 Fax (401) 941-5310
www.leonardvalve.com



J.H. Pokorny Associates

JH Pokorny Associates
 1502 Providence Hwy
 Norwood, MA 02062
 Ph (781) 762-2661
 Fax (781) 762-5949
www.jhpokorny.net



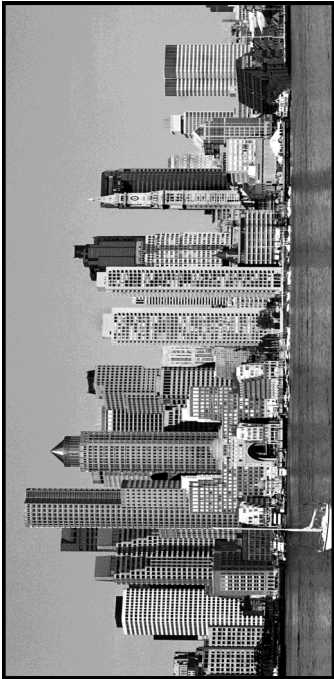
Leonard... "The Right Mix" for your tempering needs....including lead free mixing valves.

Index of Paid Advertisers

Air Energy	7	Fire Pump Testing Company	3	RL Stone Co. New England	6
Bradley	8	Gourley	5	Sloan Valve Company	5
Elkay	3	Guardian Equipment	5	T & S Brass	6
Emerson Swan	7	J. H. Pokorny Associates	5	Tower Hill Sales	5
Environmental Air Specialties	8	K Ross Co.	5	Victaulic	5
Environmental Air Specialties	8	Kirschner Associates, Inc.	5	W.P. Haney / Watts	8
ETTER Engineering	7	Leonard Valve	7	Walter F. Morris	6
ETTER Engineering	7	Milwaukee Valve	7		

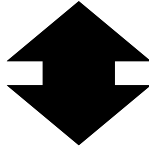
From:

**A.S.P.E.
P.O. Box 111
East Walpole, MA 02032**



Boston Chapter - AMERICAN SOCIETY OF PLUMBING ENGINEERS

**Next
Event**



**Tuesday
11th
February**

Send to:



FIRST CLASS MAIL

The Spencer Turbine Company
Manufacturer's of:

- UL-Listed Hermetic Natural Gas Boosters
- Central Vacuum Systems for Housekeeping
- Oral and Surgical Laser Smoke Evacuation

Represented By: **Environmental Air Specialties**
P.O. Box 541, Grafton, MA 01519
T: 508.839.6157 F: 508.839.4431
W: www.easne.com



Maurice Brodeur - Sales/Engineering
C: 508.958.6346 E: mbrodeur@easne.com

**Standard UL-Listed & Custom Natural Gas
Boosters & GasCube® Skid Packages Featuring:**

- Standard Boost Pressures to 83" WC/
Volumes to 240,000 CFH (Higher Available)
- Simplex & Duplex Designs
- Pre-Engineered, Pre-Piped, Factory
Tested
- Smallest Footprint in the Industry
- Innovative Design Cools Motor &
Extends its Life



Spencer
www.spencerturbine.com

The Walter F.



77 Green St. Foxboro, Ma
Ph: 1-800-888-1922
Fax: 1-800-888-1942

IPEX KITZ  **NTI WATCO**

LUXPRO FLOODMASTER EEMAX

WOODFORD  **JOHN GUEST**

Bradley 

Commercial Washroom Innovation

www.bradleycorp.com



Davenport Associates
A Northeast Marketing & Sales Team
for Plumbing Manufacturers

75 Parker Street
Wallingford, CT 06492
Phone: (203) 265-2389
Fax: (203) 269-5941
www.davenportassociates.com