



Please join us on **November 10th, 2015** at The Lantana in Randolph, MA for our **Biennial Product Show & Education Seminars**.  
The Show & Seminars are open to engineers, designers, architects, facility managers & specifiers. We do require online registration for all events.

The Product Show Floor is open for attendees 3:00pm to 8:00 pm. Food and drink stations will be located throughout the Product Show floor.

This event is free but requires registration and a badge to enter the Show Floor. Please visit our website [www.aspebostonchapter.org](http://www.aspebostonchapter.org) to register. Registration closes end of business day on Friday November 6<sup>th</sup>, 2015.

### Track A - All Day Seminar (8:00 AM – 3:00 PM)

**Medical Gas Design Workshop** Tuition \$ 75.00 (Lunch and Refreshments are included in your tuition.)

**Presenter:** Mark Allen, Quantum Engineering 7-Hour Workshop covering an overview of the Medical Gas Design process. Review of Codes and Standards to be used, discovery, research, outlet layout, valves, alarms, components and design.

### Track B - 2.5-Hour Seminars (12:30 PM – 3:00 PM)

Select one of the following:

**Lab Water Purification Technology**

**Cost: Free**

**Presenter:** Jonathan Ferguson, EMD Millipore Presentation will review the contaminants found in ground/surface water along with the different water purification methods and technologies used to remove them, including industry practices for the design of large central building water purification systems.

**Lab Waste Neutralization Systems**

**Cost: Free**

**Presenter:** Paul G. Galvin, G. F. Piping Systems The seminar will cover all aspects of laboratory special waste system design inclusive of the various Codes/Standards/Permits which outline the approved methods and materials for special waste piping layout, means of pre-treatment and discharge (in pH level) for waste stream conveyance to sanitary sewer systems.

### Track C - 1 Hour Seminars (12:30 PM – 1:30 PM)

Select one of the following:

**Water Reclamation Systems**

**Cost: Free**

**Presenter:** Brian Soderholm, Water Control Corp. Presentation shall cover the design, selection and implementation of on-site water reclaim systems in commercial facilities. This shall include rainwater harvesting, graywater, groundwater, condensate and RO

**Domestic Hot Water Recirc Systems**

**Cost: Free**

**Presenter:** Bryan Payne, VP Engineered Products and Systems, Taco Presentation shall cover the design and sizing of domestic hot water recirculation systems.

### Track D - 1 hour Seminars (2:00 pm - 3:00 pm)

Select one of the following:

**Domestic Water Booster Systems**

**Cost: Free**

**Presenter:** Dennis Whitlaw, Towle Whitney, LLC. This seminar shall review the design and selection of a modern VFD booster system, with emphasis on Energy Savings, Sizing, Ease of Installation, and Ease of Maintenance.

**NFPA 4 Update**

**Cost: Free**

**Presenter:** Maurice Pilette A review and discussion of the new NFPA-4 *Standard for Integrated Fire Protection and Life Safety System Testing and NFPA-3 Recommended Practice for Commissioning of Fire Protection and Life Safety Systems*. These new documents will provide insight in documenting the importance and verifying overall system operations ensuring that integrated systems perform as intended.

### Track E - 1 hour Seminar (3:30 pm - 4:30 pm)

**Massachusetts State Plumbing Code Update**

**Cost: Free**

**Presenter:** Wayne Thomas, Executive Director of the Board of Examiners of Plumbers and Gas Fitters

Update on the latest State Plumbing Code process, revisions and issues.