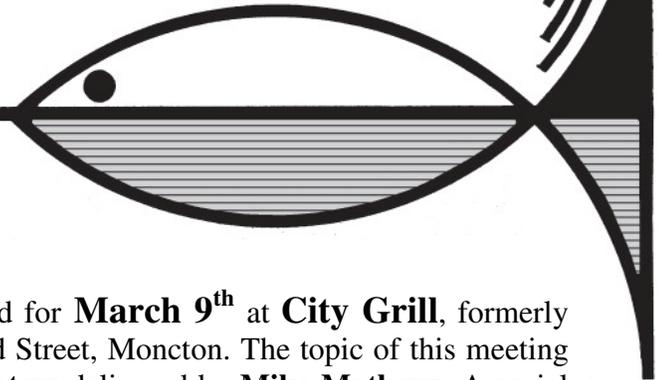




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This month's meeting is scheduled for **March 9th** at **City Grill**, formerly Boomerangs, on 130 Westmorland Street, Moncton. The topic of this meeting will be **Instantaneous Water Heaters** delivered by **Mike Matheny**. A social hour will begin at 5:00 PM with a cash bar, followed by the presentation at 6:00 PM and Dinner at 7:00 PM. The March meeting is **Student Night**.

Executive Meeting Notice

A reminder to the Executive, Board of Governors, and the Committee Chairpersons that the executive meeting will start at 4:00 PM at City Grill.

March Program

Topic:

Mike Matheny is the North Western Sales Manager for Navien America, a leading manufacturer of instantaneous water heaters. Prior to joining Navien, he spent 15 years as a heating technician and plumber and owned his own installation company for over 10 years. Mike will discuss the technology behind instantaneous water heaters and their benefits in commercial applications and multi-unit buildings.

Online Courses – Understanding Standard 189.1

Monday, March 15, 2010, 1:00 PM – 4:00 PM EDT

Based on Standard 189.1-2009, Standard for the Design of High-Performance Green Buildings except Low-Rise Residential Buildings, this course provides the minimum requirements for the design, construction and plans for operation of high-performance green buildings, including new buildings and their systems, new portions of buildings and their systems and new systems and equipment in existing buildings. Achieving water savings of 26-35 percent for multifamily and office buildings is discussed.

For more information visit <http://www.ashrae.org/education/page/1623> .

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Mechanical Design Engineer

Toronto Winnipeg Vancouver Ottawa Moncton Saint John

Summary of February's Meeting

Twenty-six people attended the meeting on February 9th. John and Donna McGuire of John McGuire Sales Ltd. gave a very interesting presentation and interactive demonstration of fusion welding of polypropylene pipe. Pipe ends and fittings are heated electrically and pushed together, resulting in a connection which is stronger than the original pipe, and which has no flow restriction. The natural smoothness of the pipe and fittings permit a higher flow velocity and/or lower friction losses compared to other piping systems and the polypropylene provides good heat and sound insulating properties. For some applications, pipe is extruded with an inter-layer of insulation, and for other uses a pipe wrap is available which provides insulation and fire protection.

Applications of this piping system include:

- potable water
- swimming pool technology
- ship building
- geothermal
- chemical transport
- hydronic heating and cooling
- rainwater and irrigation systems
- compressed air systems
- fire protection

Maritime facilities which have used polypropylene piping include:

- Shannex residential and nursing homes
- Chateau Saint John Hotel
- Clearwater Fisheries factory ships

Following the presentation, members of the audience were invited to cut pipe and make their own connections using the fusion equipment. Links to the Power Point presentation, and a film loop showing the various fusion processes are posted on the chapter web site.

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Summary of February's Meeting (cont'd)



John and Donna McGuire receiving thanks from Chapter President John Willden (Left), and an interactive demonstration with ASHRAE Members invited to cut pipe and connect using fusion equipment (Right).

PAOE Points Update

Each year awards are given to chapters in the region for having successful years based on the Presidential Award of Excellence (PAOE) points system. Chapters must meet "minimum" by obtaining points in the PAOE categories, there are no maximum limits on points earned. The ASHRAE NB/PEI Chapter currently has a total of **2,535** PAOE Points.

- PAOE:** Minimum in four of the following five categories: Chapter Operations, Chapter Technology Transfer, Membership Promotion, Research Promotion and Student Activities
- Special Citation:** Minimum in 4 of 5 categories, with a minimum of 5000 points
- STAR:** PAR in all categories
- Honor Roll:** PAOE for at least four consecutive years
- High Honor Roll:** STAR for at least four consecutive years
- Premier:** PAOE every year since the chapter's inception or since 1970; minimum of four years; chapter's first year is excluded

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Scholarships



Frank Chaisson, ASHRAE Member, presenting the ASHRAE NB/PEI Award to Jason McKinnon, 2nd year HVAC student Holland College, Charlottetown.

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NB/PEI ASHRAE Chapter Meeting Schedule 2009/2010

March 9, 2010
 Student Night
 Topic: Instantaneous Water Heaters

April 13, 2009
 Refrigeration Night
 Topic: A Fundamental Perspective on Chilled Water Systems

May 5 & 6, 2010
 Research Promotion Night / Membership Night
 MEET 2010 Show

June 8, 2010
 History Night
 Lobster Party



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