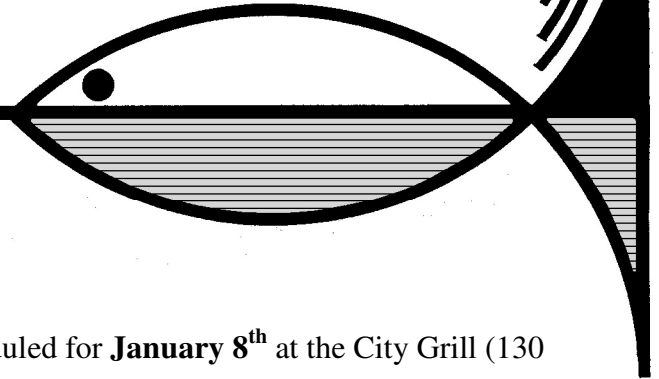


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ASHRAE
NB PEI CHAPTER



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The next Chapter meeting is scheduled for **January 8th** at the City Grill (130 Westmorland St, Moncton).

This month's meeting will feature a presentation by Marc Belliveau along with Annie Daigle, Hydro Geologist – Department of Environment. Their presentation will provide an update on the work in which the Provincial Government has done to ready New Brunswick if it is determined that there can be an expanded natural gas industry in the Province, particularly from shale gas. The presentation will include talk about a discussion paper which was created with 116 stronger rules for the Industry, as well as speaking about the Dr. Louis LaPierre report, and the report of the Province's Chief Medical Health Officer.

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.

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 the City Grill. Please note the change in time.

Speaker Biography

Marc Belliveau – Director of Communications, Department of Energy & Mines

Marc Belliveau moved to New Brunswick in 1985 after completing the journalism program at Holland College in Prince Edward Island. He spent the first 8 years of his career as a journalist. Six of them were as a regional correspondent for the *Telegraph Journal* in the Bathurst and north-east region of New Brunswick.

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He began working for the provincial government in 1994 and has worked with a number of departments, including Environment, Justice, and was most recently the Director of Communications for the Department of Finance.

In summer of 2011, Marc was appointed as the Director of Communications for the Natural Gas Group – a special unit of government tasked with working on the possibility of an expanded oil and natural industry in the province, with special interest placed on the potential of shale gas.

Recently, the Department of Mines was amalgamated with the Department of Energy to form a new department and Marc was appointed as the Director of Communications for the new Department of Energy and Mines.



President Elect. Camille Chevarie presenting a Chapter memento to December 2012 speaker Clark Campbell of Belimo Controls.

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SUMMARY OF DECEMBER MEETING:

The December meeting was a technical presentation on Selection & Specifying Control valves & Dampers by Clark Campbell C.E.T. District Sales Manager for Eastern Ontario & Atlantic Canada of Belimo Americas sponsored by Controls & Equipment. The presentation was attended by 24 participants.

The presentation started with various types of Pressure Dependent valves such as:

- Ball valves
- Globe valves
- Characterized Control valves
- 6 way valves
- Zone valves
- Butterfly valves and
- 3 way butterfly valves.

The speaker explained what configurations are available in each type (2 way or 3 way), what sizes are available, what materials of construction that are available and type of connection. He explained Pressure Independent valves, their application and their advantages. Energy Valves, a type of Pressure Independent valve that optimizes documents and proves water coil performance by correcting low delta T were explained. Valve flow characteristics, location of vales based on function (mixing or diverting) were also explained.

Power and Control operation of the valves with 4 exercises were done with participation from the audience so that all understood the concepts involved. He touched upon ANSI rating of valves, considerations for valve sizing and calculation of CV.

At the end of the presentation the members of the audience were able to:

1. Understand Damper torque for Damper Motor selection
2. Calculate Valve CV based on Flow
3. Verify Valve selection based on Water Flow Velocity
4. Preferred Valve Piping installation
5. Valve type options for HVAC applications

If you wish to have a copy of the Power Point Presentation, please email your requests to samuelabu@rogers.com

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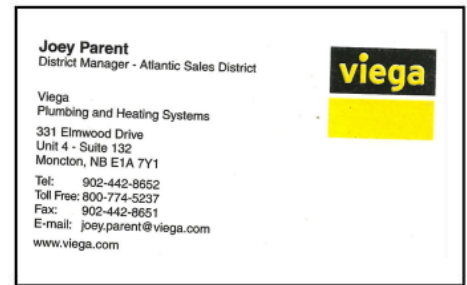
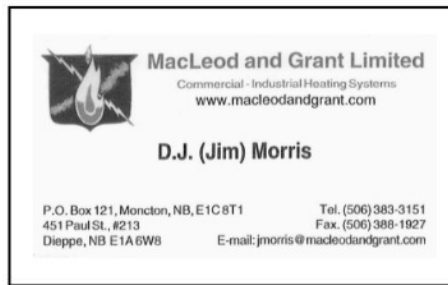
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MEMBERSHIP:

The Chapter would like to recognize the following NEW Chapter Members:

William LeBlanc – Imperial Manufacturing Group
Kenneth Harrington – Thomas Industrial Sales
Jeffrey Weeks – Systemair
Harold Gallant – Master Group
Bruce Pearson – BL&P Consulting Ltd.

Welcome

AFTERNOON OUT WITH THE CATS

The ASHRAE NB/PEI Chapter would like to invite all chapter members and guests to attend a hockey game between the Moncton Wildcats and the Halifax Mooseheads on Sunday March 10th, 2013.

Details are included in the registration form, which can be found online at www.ashraenbpei.com.

The deadline for registration for this event is February 26th, 2013. If you have any questions, please contact Dan Boudreau by email at dboudreau@mcw.com.



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NB/PEI ASHRAE Chapter Meeting Schedule 2012/2013

February 12, 2013

Topic: Displacement Ventilation

March 12, 2013

Topic: UNB Head Hall Renovation Tour

April 18, 2013

Topic: 9th Annual ASHRAE CTTC Webcast:
Assessing Building Energy Performance

April 23, 2013

Topic: ASHRAE Distinguished Lecturer – Hoy Bohanon

May 14, 2013

Topic: High Induction Diffusers

June 11, 2013

Topic: Dumont Energy Centre Tour

Social Events – Dates to be Announced

Curling Fun Spiel
Lobster Kitchen Party @ Captain Dan's Shediac, NB

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