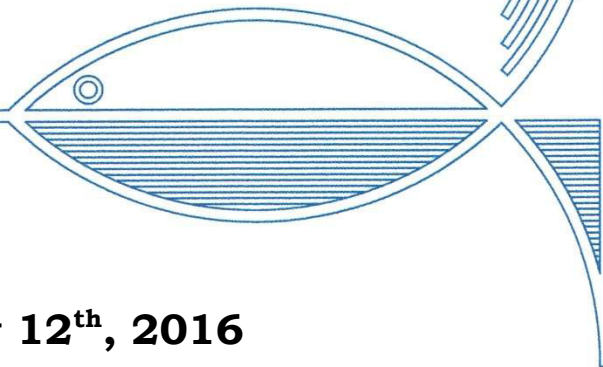


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January 2016 Issue

Next Meeting Tuesday January 12th, 2016

Location: Five Bridges Bar & Grill
121 Pine Glen Rd, Riverview, NB E1B 1V5

Executive Meeting Notice

All members of the Board of Governors, Committee Chairpersons and the Executive are reminded that the executive meeting begins at 4 PM at the Five Bridges Bar & Grill.

Meeting Agenda

4:00 pm – Board of Governors Meeting (all are welcome)
5:00 pm – Attitude Adjustment Hour
6:00 pm – Presentation: Specifying BACNet Systems with
speaker Andrew R. Lavoie, CET
7:00 pm – Dinner: Menu items TBA (Members \$25)
(Please inform servers if you have any food allergies)

2016 ASHRAE Winter Conference
Jan. 23–27 | Orlando Hilton | Orlando, Fla.

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Special first time attendee registration fee available! Low, early-bird registration rates end Nov. 2. Register early! Registration to the ASHRAE Winter Conference includes free access to the AHR Expo!

2016 AHR Expo
Jan. 25–27 | Orange Co.
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Introduction to Our Speaker

Andrew Lavoie, CET is a Graduate of NBCC Moncton in Electronics Engineering Technology (Communications) and also attended the Southern Alberta Institute of Technology in the area of microprocessor technology. Over the past 30 years he has worked for several organizations such as Alberta Government Telephones, NBTel, Hewlett Packard and Honeywell.

His career in HVAC started with AEM, primarily installing and programming Building Automation Systems (BAS), and then eventually gravitated to the HVAC consulting business in which he has been working for the past 26 years. His current work is in BAS design for the 1 Canadian Air Division (1CAD) as a BACnet Integrator for projects across Canada for the past five years.



Presentation Abstract

This presentation is primarily focussed on specifying BACnet requirements and the issues encountered, especially with networking and third party interfaces.

We will have a brief "101" on BACnet describing what it is, its intended applications and its network requirements. We will also talk about specifying BACnet for a few types of equipment such as Diesel generators, lighting and humidifiers, among other, along with issues encountered during implementation & commissioning.

Lastly we will discuss where BACnet is headed and future security considerations that will affect the specifications of BACnet networks.

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“Scholarship Honors Cowan” - Insights

Many thanks to Dwight Scott for bringing the biography and the announcement of the memorial scholarship of **R. Glendon Cowan** to the folks at ASHRAE Insights. They have kindly published our article in the December 2015 (Vol.20/No.6) which is distributed along with ASHRAE Journal. Please follow this link to view this issue of Insights on-line.

http://www.nxtbook.com/nxtbooks/ashrae/ashraeinsights_201512/#/2

ASHRAE Afternoon Out With the Cats!

On behalf of our Chapter, we would like to invite you to attend a hockey game between the Moncton Wildcats and the Charlottetown Islanders at 3:00 PM on Sunday February 21st, 2016.

Details and Registration Information will follow shortly.

For more information, contact Dan Boudreau at dboudreau@mcw.com



VS.



Volunteers Needed for MEET 2016

MEET 2016 is fast approaching (May 18-19) and ASHRAE NB/PEI Chapter needs volunteers to represent both our chapter and ASHRAE as a whole to a very large number, and wide variety of, industry professionals who may not already be familiar with ASHRAE. Many of these professionals have a great deal to gain from breadth and depth of knowledge that ASHRAE has to offer not to mention the benefits of membership and participation in our chapter. Until further notice forward inquiries to:

editorashraenbpei@gmail.com

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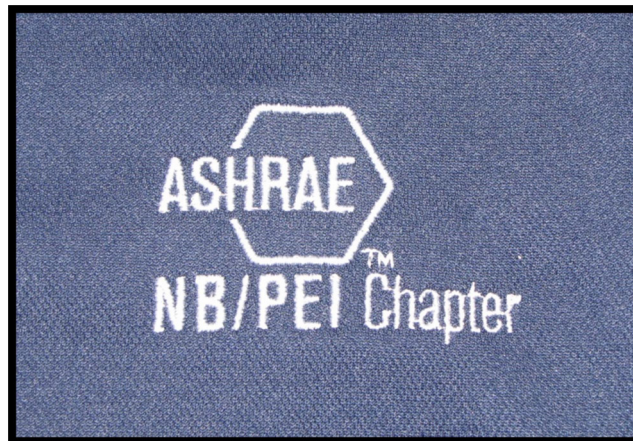
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ASHRAE NB/PEI Crested Polo Shirts for Sale

We now have a supply of men's navy blue polo shirts with our ASHRAE chapter logo embroidered on the left chest (see photo). These shirts are 100% polyester with moisture wicking properties and are anti-microbial. They are available from Dwight Scott for \$20 (cash please) in M, L, XL and 2XL sizes. Sharlene Innes will be coordinating shirt orders for women's shirts.



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HVAC Design: Level I – Essentials

Halifax HVAC Design Training May 9 - 11, 2016

Location: Dalhousie University Halifax, Nova Scotia
Canada B3H 4R2 (All Info from link below)

<https://www.ashrae.org/education--certification/hvac-design-training/halifax-hvac-design-training-may-2016>

Fee Covers: Course admittance, course materials, publications, break refreshments, lunches, and reception. (Register 30 days prior to training date, for Early Bird pricing)

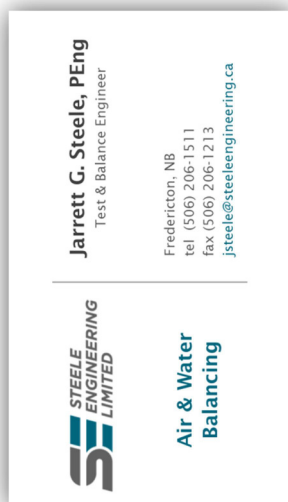
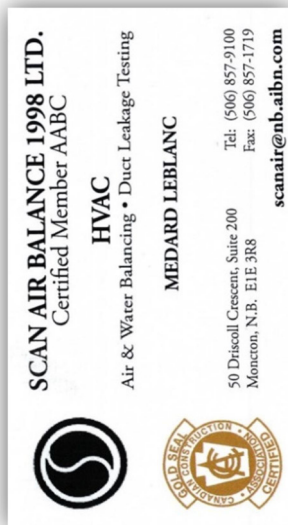
Company Discount Fee: Enroll 3 or more participants from the same company at the same time and save.

ASHRAE's HVAC Design: Level I - Essentials training provides participants with instruction that accelerates their transformation into effective members of a design, construction or facilities maintenance team. Developed by industry-leading professionals selected by ASHRAE, the training provides attendees with the fundamentals and technical aspects of HVAC design. Attendees will gain practical skills and knowledge to design and maintain HVAC systems that can be put to immediate use.

In addition to gaining in-depth knowledge and understanding, attendees will receive real-world examples of HVAC systems based on the renovated ASHRAE Headquarters building. The training also teaches a systematic approach to guide a design team to a solution that optimally meets the client's expectations. Engineered drawings of the ASHRAE Headquarters renovation will also be discussed so participants are exposed to plan reading and visual understanding of system design.

Who Should Attend

- Engineers new to the HVAC industry, including recent engineering graduates lacking practical experience
- Facilities managers involved in new construction or major renovation projects
- Technicians who would like to gain design knowledge
- Architects who want to understand HVAC system design



HVAC Design: Level I – Essentials Continued

How Your Firm Will Benefit

The training helps attendees understand:

- The need to improve overall building performance
- The technologies that lead to improved building performance
- The economics of sustainable buildings and the roles of the designer and facilities manager
- The basic skills needed to design high-performance buildings
- The skill set that will be required by designers of the future
- Techniques to interact effectively with all design partners (architects, owners, other engineering disciplines) in an integrated design team
- The capacity to participate in the design of high-performance buildings

Attendees of HVAC Design: Level I will earn up to 18 Professional Development Hours.

Bonus – Free Copy of ASHRAE Green Buildings Standard and User's Manual

Attendees each receive a free copy of ASHRAE Standard 189.1-2014 for the Design of High Performance Green Buildings and the 189.1 User's Manual – a value of over \$200.

Cancellation Policy

Transfer, Cancellation and Refund Policy: If you cannot attend, notify ASHRAE Learning Institute prior to 14 days before the training, and ASHRAE will refund your fee, minus a \$25 administrative charge. Because this training has limited enrollment, refunds will not be made for cancellations received after that date or for non-attendance. You may enroll a substitute at any time before the training starts by contacting Karen Murray by phone 678-539-1146 or email. kmurray@ashrae.org



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Kevin's Historical Tidbits

The **January 1990 meeting** was held at Judson's Restaurant (former Boomerang's, City Grill, present day Gusto's)

The speaker was Bob Clements of the Trane Company of Canada and his topic was "Integrated Comfort Systems for the Modern Building".

Rino Levesque was Chapter President.

A stamp was 39¢.

2015-2016 Schedule

January 12 : Specifying BACNet Systems with guest speaker Andrew Lavoie, Energy Analyst at MCW Custom Energy Solutions

January 23-27: 2016 ASHRAE Winter Conference in Orlando, FL (see pg.4)

February 9: Climate Change Regulation and the Next Generation of Refrigerants, featuring Mike Thompson Global Leader of Refrigerant Strategy for Ingersoll Rand.

February 21: Afternoon with the Cats, Moncton Wildcats game social event.

March 8: TBA

April 12: ASHRAE Distinguished Lecturer Stephen Hamstra, President at Greensleeves LLC.

May 18-19: MEET Show in Moncton, NB (Volunteers Needed)

June: TBA

June 25-29: 2016 ASHRAE Annual Conference in St Louis, MO

August 26-28: 2016 ASHRAE Region II Chapter Regional Conference in Moncton, NB (Volunteers Needed)

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