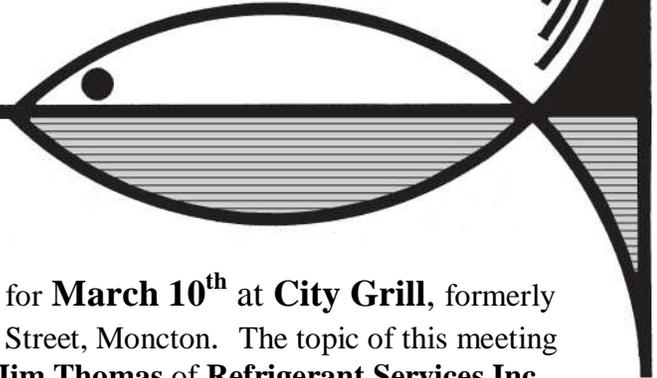




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ASHRAE
NB PEI CHAPTER



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This month's meeting is scheduled for **March 10th** at **City Grill**, formerly Boomerangs, on 120 Westmorland Street, Moncton. The topic of this meeting will be **Refrigerants** delivered by **Jim Thomas** of **Refrigerant Services Inc.** 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.

March's meeting is **Refrigeration Night**.

A reminder to the Executive, Board of Governors, and the Committee Chairpersons that the executive meeting will start at 3:30 PM at City Grill.

ASHRAE Afternoon Out With The Cats

Our second annual ASHRAE Afternoon/Night out with the Cats was another success with 52 people signed up to attend the Quebec Major Junior Hockey League game on February 22nd between the Shawinigan Cataractes and the Moncton Wildcats. Once again, we had some attendees attend from out of town. It was one of the best Wildcat games of the year, so far, against a high caliber opponent, with the home team getting the win by a final score of 3-2. A good time was had by all who attended. Stay tuned for details regarding another game to be planned for next year.

Research Promotion Awards

During last month's meeting the following Chapter members were honored for their great work doing Research Promotion: (left to right) Ken Martin, Kevin Clannon, Gerry Waselynychuk, Troy Driesbeck & Fred Desjardins.





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Frédéric R. Desjardins,
 P.Eng., LEED® AP
 Mechanical Design Engineer

Toronto Winnipeg Vancouver Ottawa Moncton Saint John

March Meeting Overview:

Title:
 Refrigerants - Current and Future Trends

Topics covered:
 Presentation includes information on current HCFC-22 replacements refrigerants, surplus refrigerant disposal options, possible future refrigerants and recent developments in the industry.

Biography - Jim Thomas

A native of Nova Scotia, Jim Thomas is entering his thirty-ninth year in the HVACR industry. Jim holds an inter-provincial certificate in the Refrigeration and Air Conditioning Trade. His experience includes the installation and service of commercial, industrial and marine and mobile air conditioning and refrigeration systems, the marketing and design of HVACR systems, management of a multi branch HVACR wholesale distribution business, design and manufacture of refrigerant process equipment, and most recently, research and development of non-ozone depleting replacement refrigerants. In 1993, Jim established Canada's first refrigerant reclamation facility and subsequently developed and patented a number of refrigerant-related technologies that are currently in use on four continents.

He is past president of the Nova Scotia Chapters of both RSES (Refrigeration Service Engineers Society) and HRAI (Heating, Refrigeration and Air Conditioning Institute of Canada), and a former national board member of HRAI. Most recently he has served on the HRAI/RMC(Refrigerant Management Canada) Task Team. Jim is a Certificate and Specialist Member of RSES and throughout his career has been committed to the continuing education of those who work in the HVACR industry. He is a qualified instructor for the HRAI CFC/HCFC/HFC Emission Control Course. In addition he has designed and delivered a number of training sessions to private industry, educational institutions, Federal and Provincial Environment Departments and United Nations Organizations.



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Summary of last month's meeting

The February 10, 2009 meeting featured Frank Stempski, of Aqua Tech Sales and Marketing, from Waterloo, ON. His topic, "Copper Fin Boilers," provided an overview of various methods of providing hot water for space heating and domestic hot water heating requirements.

Following an overview of boiler types, Mr. Stempski focused on the advantages of condensing boilers, which can recover the latent heat of condensation of the water vapour formed during combustion. Suitable for use with several fuels, these boilers are restricted to systems where the heated water temperature can approach the condensing temperature.



Chapter President Dan Boudreau Presents Frank Stempski with a gift after his presentation.

The speaker emphasized the importance of following design and installation codes, and mentioned that these boilers and their applications have become quite sophisticated.

We are also grateful to Mr. Jim Morris of MacLeod and Grant, for sponsoring the meeting and providing a table-top display of useful technical literature.

The February meeting was also Research Promotion Night. Fred Desjardins, our RP Chair, presented certificates of appreciation from ASHRAE to those corporate donors who were in attendance.

Further, at the executive meeting held in the afternoon, it was decided to create two new financial awards, in addition to the five already supported. The new \$750 awards will go to a student entering the 2nd year of the HVAC program at Holland College in PEI, and a student entering the 2nd year in Techniques de chauffage, ventilation, réfrigération et air climatisé au CCNB Campus d'Edmundston.

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ASHRAE NB/PEI Scholarship

R-L: ASHRAE member, Douglas Scott, presenting a \$1000 scholarship to Melanie Ryan, a 2nd year student in the Mechanical Engineering Technology Program (Buildings - Energy and Environment Option) at the New Brunswick Community College Saint John Campus. Doug is an instructor at NBCC, and the faculty advisor for the ASHRAE NB/PEI Chapter Student Branch in Saint John. Melanie is a student member of ASHRAE. The award was presented in December, 2008.




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NB/PEI ASHRAE Chapter Meeting Schedule 2008/2009

March 10, 2009
 Refrigeration Night
 Topic: Refrigerants

April 7, 2009
 Research Promotion Night
 Topic: Distinguished Lecturer

April 22, 2009
 ASHRAE WebCast
 Topic: Indoor Air Quality

May 12, 2009
 Refrigeration Night
 Topic: Dehumidification

June 9, 2009
 Membership Night
 Topic: Corridor Resources



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