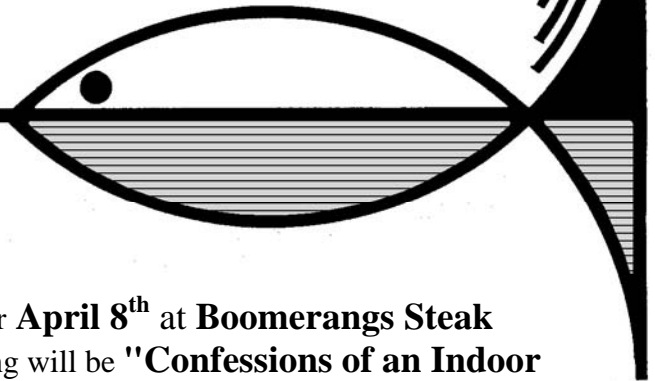




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**ASHRAE**  
NB PEI CHAPTER



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The April meeting is scheduled for **April 8<sup>th</sup>** at **Boomerangs Steak House**. The topic for this meeting will be "**Confessions of an Indoor Air Quality Consultant.**" and will be delivered by Distinguished Lecturer **Karen Rollins**. The social hour will begin at 5:00 PM with a cash bar. The presentation will follow at 6:00 PM. Diner will be served at 7:00 PM. The April 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 3:30 PM at Boomerangs.

## **Online Membership Renewal**

When you renew your ASHRAE membership online, you're using less paper, you're helping to save time, save money and save the mail carrier energy. ASHRAE is committed to promoting sustainable, efficient and renewable best practices. And, as a gift to you, members who renew online for the first time in 2008 will receive a special ASHRAE hat to thank you for your commitment to being green. Visit [www.ashrae.org](http://www.ashrae.org) to renew your membership.

## **ASHRAE Satellite Broadcast / Webcast**

### **Integrated Building Design:**

#### **Bringing the Pieces Together to Unleash the Power of Teamwork –**

This broadcast explains what you and other members of the building team must do to advance high-performance buildings with improved design, construction and operations processes. Buildings that meet the needs of occupants and truly achieve sustainability objectives can only be created if the building community shares its knowledge and experiences. Join ASHRAE in learning more about your role in integrated building design and helping to create a sustainable built environment. The local chapter has organized a viewing at NBCC Moncton Wednesday April 16<sup>th</sup> at 2:00pm to 5:00pm.

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www.mcw.com

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P.Eng., LEED® AP  
Mechanical Design Engineer

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## Distinguished Lecturer Karen Rollins

### Topic: Confessions of an Indoor Air Quality Consultant

#### Biography:

Karen Rollins began her career with a diploma in Architectural Technology from the Northern Alberta Institute of Technology. (1981). She followed this with a BSc (Biology) from the University of Edmonton (1986), and with a Master of Environmental Design from the University of Calgary (1998). For the past ten years, she has conducted IAQ building investigations, and consulted to individuals and organizations wishing to reduce the risk of IAQ problems.

Among her varied work experience, she has prepared court trial documents, has lectured in the University of Calgary's Continuing Education Management Certificate Program, prepared lecture course packages for SAIT (HVAC Certificate Program) and Mt. Royal College's Continuing Education Program (Indoor Air Quality for the Homeowner). Karen has also published and presented a technical paper on indoor air quality management at an international in Beijing (2005).

Karen has served for three years on the Board of the ASHRAE Southern Alberta Chapter, is a member of the Canadian Green Building Council, and is a certified mould remediation supervisor, among other affiliations. We are indeed fortunate to have Karen Rollins as an ASHRAE Distinguished Lecturer at our April meeting.



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## March Meeting Summary – Humidification

Serge Landry, of Vapac, offered a Power Point presentation on humidification technologies. In general, humidifiers may be classified as *adiabatic*, in which there is no heat transfer into the air- water vapour mixture, and *isothermal*, where sufficient heat energy is added to the air to maintain the air-water vapour mixture at a constant temperature.


There are four major reasons why humidification is important:

1. Health and comfort of people
2. Provide a controlled environment for a process
3. Maintain physical quality/integrity of materials
4. Eliminate static electricity shocks

Serge then reviewed the features of common types of humidifiers, including:

1. Electrode Type Humidifiers
2. Resistance Type Humidifiers
3. Gas-Fired Type Humidifiers
4. Heat Exchanger Type Humidifiers
5. Steam Distributors
6. Short absorption manifold
7. Humidifier Controls


Serge Landry's complete Power Point slides will be posted on our chapter's web site shortly.

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Fax: (506) 858-9887  
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## Free Downloads: Advanced Energy Design Guides

ASHRAE has made a series of its latest design guides available for FREE downloads over the Internet. The series provides a sensible approach to easily achieve advanced levels of energy savings without having to resort to detailed calculations or analysis. The four-color guides offer contractors and designers the tools, including recommendations for practical products and off-the-shelf technology, needed for achieving a 30% energy savings compared to buildings that meet the minimum requirements of ANSI/ASHRAE/IESNA Standard 90.1-1999.

The four-colour guides are: K-12 School Buildings, Small Retail Buildings, and Small Office Buildings. The downloads are available at: <http://ashrae.org/publications/page/1604>.

Over 34,000 people have already taken advantage of this free electronic service. On the other hand, print version of the guides may be ordered from ASHRAE at \$59 each.



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## NB/PEI ASHRAE Chapter Meeting Schedule 2007/2008

April 8, 2008  
Student Night  
Topic: Distinguished Lecturer

April 16, 2008  
ASHRAE WebCast  
Topic: Integrated Building Design

May 7-8, 2008  
MEET Show  
Topic: Distinguished Lecturer

June 10, 2008  
Technical tour  
Location: Molson Brewery, Moncton



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E1C 8R9

**Gary Hoadley**  
P.Eng.

Tel.: (506) 855-1414  
Fax.: (506) 855-1415  
hoadley@hoadeng.ca



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aubrey.morrell@enbridge.com



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**Andrew Cowan**  
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