

AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS INC.

London, Canada Chapter No.116 (www.execulink.com/~tpollard/ashrae.html)

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NOVEMBER 2003

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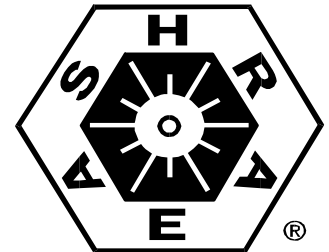
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Golf Tournament

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Topic: The Commissioning Process

**Speaker: Bill McCartney, Isotherm
Engineering Ltd**



The commissioning process was first developed at an ASHRAE forum over 20 years ago and was outlined in ASHRAE Guideline-1 1989. The guideline was revised and published again in 1996. We are now going through the revision process again and working with ASHRAE to create Guideline-0 Total Building Commissioning, of which HVAC commissioning is a subsection. This discussion will focus on Guideline-1 1996 and the commissioning process as it pertains to the HVAC construction industry. We will follow through the three basic sections – Documentation, Verification, and Technology Transfer.

Bill McCartney is a Partner at Isotherm Engineering in Mississauga. A former London ASHRAE chapter member, Bill has been a member of ASHRAE Technical Committee TC7.9 Building Commissioning and chaired TC7.3 Operating and Maintenance Management. Isotherm Engineering offers consulting services in investigation, reporting, design, commissioning and service of HVAC systems.

**Location: The Lamplighter Inn
591 Wellington Rd., S.**

BUFFET MENU

Meal Cost \$35.00, Or Meal Plan \$160.00

Students \$15.00

Monday November 24-2003

Social—5:15 pm

Dinner—6:00

Program—7:15 (Approx.)

President's Message:

The first two London Chapter meeting attendance for the season has been above average and we would like this to continue with the next meeting being a "BRING A GUEST NIGHT". Those members who bring a guest will be given a ticket for a draw to win 2 bottles of wine (one for the guest and one for the member). Please invite other local building industry and HVAC contractors, designers, owners, to the meeting. The Commissioning Process topic should be of interest to everyone as equipment may not work as expected unless setup properly.

I would also suggest you review the other program topics for the upcoming year:

Under-floor Air Distribution (Mon. Jan 19/2004)
Andrew Clancy, P.Eng, York International

Security Bonds in the Construction Industry (Mon. Feb 29/2004)
Don Bere, Stevenson & Hunt

ASHRAE 90.1 and the Design of Chilled Water Systems (Mon. April 26/2004)

Julian R. de. Bullet, ASHRAE Distinguished Lecturer, McQuay International

There is also planned a tour of a local business/site. If there is any topic that you would like to see, please let us know so we can arrange a speaker.

The October's meeting on LEED (Leadership in Energy and Environmental Design) Green Building Rating System was very interesting as Mr Stephen Carpenter, P.ENG., Enermodal Engineering, Kitchener Ontario explained the rating system and how some unique systems were used. It should be noted that the Canada Green Building Council (CaGBC) is developing its own standard. For more information see: www.cagbc.org/index.php or www.usgbc.org/LEED

Do not forget, as mentioned at the Oct meeting, a trip to see a London Knights hockey game at the John Labatt Centre has been scheduled for Dec 12 (the London Knights host the Erie Otters). If you have indicated that you would like a ticket, please see Derek Vakaras at the Nov meeting (be sure to bring your payment so you can get your ticket - \$12 /adult and \$10 /child).

See you at the meeting.

Tom Pollard, P.Eng
Chapter President
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Program:

We had another strong turnout at last month's meeting - about 45 people attended to hear Stephen Carpenter of Enermodal Engineering talk about sustainable design and the LEED green building rating program. The presentation was an entertaining one and Stephen shared with us lots of unique approaches to energy efficient HVAC design.

This month's meeting will feature Bill McCartney of Isotherm Engineering Ltd, speaking on the commissioning process. Bill's presentation should serve as a good introduction to commissioning, and since commissioning is becoming more and more common, should be of interest to owners and architects, as well as the consultants and contractors who are more closely involved with the process.

Tickets for the December 12th London Knights hockey game will be available for pickup at this month's meeting, for those who signed up to attend. Ticket prices are \$12 for adults, \$10 for children. We may be able to get a few more tickets if anyone else would like to attend.

January 19th, 2004 Meeting Preview

Speaker: Andrew Clancy, P.E., York International Corporation

Topic: Under-floor Air Distribution Systems

Andrew is York's Business Development Manager for the Northeast Region. He is responsible for promoting under-floor air distribution systems to the market, with a focus on developing alliances throughout the construction industry. He will provide an introduction to under-floor air distribution systems and discuss their benefits in terms of energy efficiency, flexibility and cost.

Resource Promotion:

This month the chapter will recognize all of the individuals and companies who made an investment in the Research Promotion Campaign last year. As I mentioned in last month's newsletter, our chapter and Region II exceeded the financial goals set out by society.

Our campaign for 2003 & 04 is on its way. Several companies and individuals (including the Chapters Board of Governors) have made early contributions of which we do appreciate. If you are considering an investment for this campaign, please consider making the investment before the end of 2003, if this timing does coincide with your year end, you can take advantage of the tax deduction much earlier as compared to waiting to 2004.

Once again, thank you for your past support of Resource Promotion, and we hope to see you on Monday night to be recognized. We hope we can count on your continued support again this year.

If I can be of any assistance to you regarding Resource Promotion or anything at the chapter level, please feel free to contact me.

Daryl Somers - Chairman 2003-04
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