

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

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

FEBRUARY 2004

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PROGRAM:

**Topic: Security Bonds for the -
Construction Industry**



**Speaker: Donald G. Bere, Stevenson & Hunt Insurance
Brokers Ltd.**

About 45 people attended last month's meeting. Our speaker was Andrew Clancy of York International, who spoke about underfloor air distribution. This is an up and coming technology that has been featured recently in the ASHRAE Journal, and also at the Winter Meeting in Anaheim. Andrew's presentation focused on the possible benefits of underfloor air distribution, which include lower energy usage and improved indoor air quality.

This month's meeting will feature Don Bere, Vice President of Stevenson & Hunt Insurance Brokers Ltd. Don plays an active role in the Construction and Surety Division, and is involved in the placement of construction insurance and construction surety. Don is a native Londoner and UWO graduate, and has obtained his Canadian Chartered Insurance Broker (CCIB) designation. He is very active in the community, and is or has been a president or chair of numerous community groups including the Jack & Barbara Hay Foundation, Kiwanis Club of Forest City London, the London Insurance Brokers Association, and the Town of Westminster Planning Board. Don's presentation will be part of a legal and business information segment of this year's program, and should be of interest to Owners, Contractors, Subcontractors and Consultants alike.

"Making the right choice to mitigate and manage risk on construction projects and selecting the most fiscally responsible option to ensure timely project completion are imperative to a successful project – and a sound business. Gambling on a contractor or subcontractor whose level of commitment is uncertain or who could become bankrupt halfway through the job can be an economically devastating decision. Surety bonds offer the optimal solution: providing financial security and construction assurance by assuring project owners that contractors will perform the work and pay specified subcontractors, labourers, and material suppliers." - 10 things you should know about surety bonding - www.sio.org

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

BUFFET MENU

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

Students \$15.00

Monday February 23-2004

Social—5:15 pm

Dinner—6:00

Program—7:15 (Approx.)

President's Message:

ASHRAE Society has been busy with revising some of its information for members. You may have already received by email the new Society Connections newsletter (publish twice-monthly) and the HVAC&R Industry weekly newsletter. You can register to receive these new member benefits by signing up at www.ashrae.org, as well you can view the most recent eNewsletters or catch up on back issues online.

ASHRAE Society also has plans to update the nine course Fundamentals self-directed learning series over the next two years. The first revision will be to Fundamentals of Thermodynamics and Psychrometrics. It will be divided into two courses, Fundamentals of Thermodynamics, which will be completed by June 2004, and Fundamentals of Psychrometrics, which will be completed by September 2004. In addition, a new course, Fundamentals of Steam System Design, is being created. Other courses include hvac systems, heating and cooling loads, air system design, water system design, heating systems, electrical systems and building electrical energy use, hvac control systems, and refrigeration. Be sure to check the ASHRAE web site for the latest updates.

The local chapter is hoping to be able to have some local members view an ASHRAE satellite broadcast scheduled for April 14 on homeland security issues. The main theme is: What should be ASHRAE's role in homeland security? Topics will include risk assessment, chemical, biological and radiological (CBR) protection such as envelope tightness, ventilation systems, particle filtration and gas absorption, pressure relationships and building interior partitioning, and an update on building codes and standards as they relate to CBR. More information will be issued when it becomes available.

The January presentation by Andrew Clancy, who spoke on the benefits of using underfloor air distribution while also outlining some of the problems that might occur. Our February speaker, Don Bere, Stephenson & Hunt, will discuss Security Bonds in the Construction Industry.

ASHRAE eNewsletters

You can register online to receive these email newsletters (see: www.ashrae.org-> Education & Publications -> Enewsletters)

The HVAC&R Industry

- * current news in the HVAC&R industry
- * new developments, meeting schedules, and other ASHRAE information
- * a lead story that investigates breaking industry news and a feature story that takes an in-depth look at an industry topic in every issue
- * quick links to ASHRAE's online technical information, member-oriented content, and other site features

Society Connections

- * current news about ASHRAE
- * ASHRAE's new Discussion Forums on industry-related topics and the Society
 - * the opportunity to dialogue with other members on a specific important topic or question pertaining to ASHRAE
 - * quick links to read and discuss a technical article from ASHRAE Journal.
 - * convenient links to online versions of departments from ASHRAE Insights

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ASHRAE Winter Meeting Update

This year's winter meeting was held in Anaheim, California and was well attended by the London Chapter. Peter Golem (Regional Vice Chair - Resource Promotion), Daryl Somers, myself and I'm sure a few others that I didn't see, were lucky enough to head South to warmer weather for the meeting. Technical Seminars this year included sessions on underfloor air distribution (chaired by Richard Rooley, Society President), introduction of the new ASHRAE GreenGuide, new developments in kitchen ventilation, new control ideas for improving VAV system performance, software tools for HVAC system performance diagnostics, numerous commissioning presentations, and at least 50 other forums, presentations and seminars. This was the first ASHRAE Society meeting that I have attended, and I recommend the experience to all members (especially at this time of year!).

National Engineers Week:

National Engineers Week 2004 will be celebrated February 22-28. Once again, thousands of your fellow colleagues from all engineering disciplines throughout the country will be taking part in this exciting event. You will have an opportunity to gain public recognition for the many ways that engineers have contributed to improving the quality of everyday life. Many of the outreach programs emphasize the importance of math and science to the "next generation" of children and young adults. Outreach efforts include Discover "E", mall events and contests. Special emphasis this year is being placed on going beyond U.S. borders. One program that fits this objective is *Introduce A Girl to Engineering*.

Introduce a Girl to Engineering Day will be held on Thursday, February 26th. The goals for this special program are:

Increase awareness and interest in engineering and technology among girls
 Educate girls and adults about the many opportunities available to women in these fields
 Create an appreciation among all young people of the importance of a diversity of perspectives in defining our technological future
 Dispel the myths that exist in our society regarding the interest and capabilities of girls and women in science and technology

The NEW web site (www.eweek.org) can provide your local chapter or student branch with ideas for activities as well as organizational tips for hosting a public event on engineering. You may order an information kit through the NEW web site at <https://shop.eweek.org/eweek/product.asp?dept%5Fid=1&pf%5Fid=001> or by phone at

412-741-1393. As always, these kits will provide you with interesting program ideas for your group.

In closing, remember that National Engineers Week 2004 can only be effective if we get strong participation from engineers and engineering students at the local level.

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