

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

LONDON CANADA CHAPTER #116

londoncanada.ashraechapters.org

September 27/2004

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Program

Mechanical Draft Fans Maintenance Issues, and Case Studies

David Hillis and Frank Frabotta, C.E.T.
Baymar Supply Limited, Windsor, Ontario

The presentation will focus on fan failures due to abrasive environments. They will present (with pictures) common and not so common causes of draft fan failures due to poor/lack of maintenance procedures.

David and Frank will:

- discuss some of the causes of the premature failures in different cases experienced
- demonstrate some of the techniques used to diagnose problems with fans
- show the development of the scope of work involved in troubleshooting some of the more difficult cases experienced

Location

The Lamplighter Inn
591 Wellington Rd., London

London Chapter Members = \$30.00 or \$160.00 meal plan
Students = \$15.00 Guests (all others) = \$35.00

Monday September 27/2004

Student Night

5:15-Social 6:00-Dinner 7:15-Program

We would ask that all chapter members in attendance make an extra effort to welcome the students by inviting them to your dinner table or introducing yourself sometime throughout the night.



President's Message

I hope all of you had a terrific summer, despite the weather, and are looking forward to the start of another ASHRAE year. The Chapter Officers this year are Joe Claessens - Vice President & Program, Scott Turner - Treasurer, Scott Edmunds - Secretary, and myself. Joe is off to an early start in setting the program, which you can find at our website at:

londoncanada.ashraechapters.org

The highlight of this year will be an ASHRAE designated lecturer speaking on Mould Litigation in February, so mark your calendars.

In August, six members of the executive attended the Annual ASHRAE Region II Chapters Regional Conference (CRC). Our chapter received a number of awards for last year's performance, including a Special Citation for our Past President, Tom Pollard, and a Resource Promotion award for Daryl Somers. Peter Golem also received a Regional Award of Merit for his efforts at the regional level as Vice Chairman for Resource Promotion.

This is a big year for London, as we prepare to host the CRC next summer. Peter Golem and Daryl Somers will be looking for lots of volunteers to help out on various CRC committees - I expect you'll hear from them at the next few chapter meetings.

Our focus this year will be on promoting membership. For the first time in a number of years, membership at the chapter level declined a bit, despite a healthy increase in attendance at the meetings. In order to emphasize the value of chapter membership, the meal plan will be restricted to chapter members, not just ASHRAE society members, and we will be lowering the individual meal rate for chapter members to \$30 per meeting. The rate for guests will remain at \$35. To boost membership, I'd like all of you to consider inviting a guest to attend a meeting. Topics at a number of our meetings this year will appeal to a broad range of interests.

I hope to see you at the meeting on the 27th.

Derek B. Vakaras, P.Eng.

Student Night

September is Student Night so we would like all members to go up and welcome the UWO students to the meeting.

The Chapter would also like to request that corporate sponsors who wish to contribute the cost of \$35.00 to allow the students to attend a meeting and pay for their student membership contact Jamie Whitty - Student Affairs Chair or Scott Turner - Treasurer.

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Presenter Bio's

Frank Frabotta, C.E.T. was born raised in Windsor, Ontario. He was awarded a Diploma of Technology of Mechanical Engineering Technology in the field of energy management from St. Clair College in Windsor, Ontario. Accordingly, he was warranted as a Certified Engineering Technician by the Ontario Association of Certified Engineering Technicians and Technologists. Frank's illustrious career started at Byrant Heating & Cooling Ltd., of Windsor, Ontario, under the tutorial skills of Mr. Lou Pantin. Frank started at Baymar Supply Limited, of Windsor, Ontario, Canada, as a partner. Frank is now senior partner and general manager. Frank is a family guy and currently lives in Windsor with wife Maria and two wonderful children, Peter & Sophia.

David Hillis, too, was born and raised in Windsor, Ontario, Canada. David's life has been spent in fan service, manufacture and design. Dave started his career at age 14 with part-time with Green-hill Mechanical Services Limited, of Windsor, Ontario. At age 19, he was registered as a trade millwright in the State of Michigan. David started his business career as a founder of Air Maintenance Services Limited, of Windsor, Ontario. Since then, he has owned:

- Green-Hill Mechanical Services Limited, of Windsor, Ontario
- Valley Process Specialties Limited, of Sarnia, Ontario
- and D.J. Hillis & Associates Machinery Sales, Inc. of Westland,

Michigan.

David is currently enjoying a life in sales and specialty services at Baymar Supply Limited, of Windsor, Ontario. David is also enjoying family life in Windsor, with wife Julie and daughter Rachel.

Tabletop Display


Thanks to Baymar Supply for sponsoring the tabletop display which will have a number of items on exhibit related to the meeting topic - Mechanical Draft Fans, Maintenance Issues, and Case Studies

2004-2005 Meeting/Meal Rates

The Chapter is offering those members that have paid their Chapter Dues to purchase a meal plan for \$160.00 or to pay at the door at the reduced rate of \$30.00. -- NOTE -- your chapter dues must be paid up by the meeting. You can pay your Chapter Due with your Society Fees on the www.ashrae.org web site or contact Scott Turner (London Chapter Treasurer)

All others that pay a the door remain at:
Guests \$35.00 Students \$15.00

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2004-2005 Program Schedule

(Tentative - some speakers yet to be confirmed)

Mon. Sept 27/2004 (Student Night)

Large Fan Balancing and Case Histories
Mr Dave Hillis and Mr Frank Frabotta - Baymar

Mon. Oct 25/2004 (Resource Promotion Night)

Applied Variable Volume Pumping (Modern HVAC Systems)
Mr Phil Searle - ITT Industries

Mon. Nov 29/2004

Variable Refrigeration Flow Technology
Mr Anton Woimarans - Mitsubishi

Mon. Jan 31/2005 (Student Night)

Air Quality - ASHRAE Standard 62
Mr Gord Cook- Venmar

Mon. Feb 21/2005 (Resource Promotion Night)

Indoor Air Quality and Mold - Legal Issues and Liability
Concerns for Engineers and Related Industry Professionals
Mr Christopher McDonald - Shook Hardy and Bacon, L.L.P.
*** *Distinguished Lecturer* ***

Mon. March 21/2005

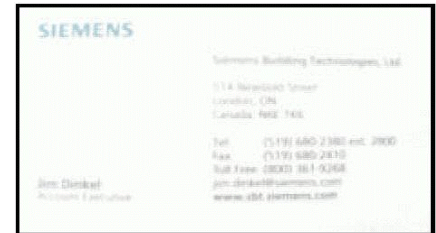
Tour (tba)

Mon. April 25/2005

LEED and Recent Development Support
Green Building in Canada
Mr Mark Mitchell - Keen Engineering
Canada Green Building Council

Mon. June /2005

London & Area ASHRAE GOLF TOURNAMENT



Business Card Ads

The Chapter would like to thank the following companies who had business card ads in the 2003-2004 newsletters:

Erie Sheet Metal

Siemens Building Technologies Ltd

Johnson Controls Ltd

Durrell Control Systems Inc

Mech-Mart

Palser Enterprises

Somers Environmental Products Inc

Trane Canada

Northern Industrial Fans & Blowers

EFI Ironross

Carrier Canada Limited

Daymar Supply Limited

Those that would like to continue their business cards ads for the 2004-2005 year should contact Tom Pollard.