



Airways

Hamilton Chapter No. 037

American Society of Heating, Refrigeration and Air Conditioning Engineers

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Our 43rd Year

January 2002

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Tuesday January 8, 2002

A Duct Pressure Testing

Our main speaker tonight will be Dave Lipsit who started in the HVAC Industry in 1978 as a Refrigeration and air conditioning apprentice. In 1984 Dave entered into a 50 / 50 partnership to incorporate Elite Air which was a service company specializing in commercial and industrial refrigeration and air conditioning sales and service. In 1987 Dave sold his shares to his partner and opened Air Audit Inc., an independent testing, adjusting and balancing company. Dave is also the current president of The Eastern Canada Environmental Balancing Bureau.

The main topic will be Duct Pressure Testing. We will discuss pressure test methods, specifications, the pros and cons of duct pressure testing, applications and share some stories. Dave will bring his Duct Pressure Tester to the meeting.

Brian Howe of Slade Engineering will be our technical speaker on fan selection, fan types and fan applications. Brian is the senior sales person at Slade Engineering and has been involved in the fan industry for nearly 20 years. Brian hopes to bring along some actual fans for demonstration.

Message From The President

Hope you have all had a very Merry Christmas and I wish to take this opportunity to wish everyone and their families a Happy, healthy and prosperous New Year. Following the events of September 11, this Christmas seemed to have special meaning for all of us to be closer to family and friends.

On December 1, the Hamilton Chapter hosted the Past Presidents' and Family Day at Niagara Under Glass in Vineland. The event was well attended with many members bringing their children and grandchildren. The kids were able to enjoy a unique potting experience and were able to take their plants home with them. It is amazing how quickly a plant can grow in a proper environment (and with the aid of conveyor belts and secret doors)! Later the adults and the children toured the



Royal Hamilton Yacht Club
North End of McNab, On Hamilton Harbour

NEW THIS YEAR!!

5:00 PM Social Hour & Technical Session

6:00 PM Dinner & Business Meeting

7:00 PM Technical Program / Speaker Presentation

Chapter Members \$ 25.00 • Guests \$ 30.00 • Students \$ 20.00 • Meal Plan \$ 110.00



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facility. This was followed by an excellent meal and a brief technical talk about Niagara Under Glass by the manager of the facility.

Our program for January consists of the Technical Talk featuring fan selection and the after dinner program is on the ever popular topic of air balancing of HVAC systems. Both should be very interesting.

I hope that most of you have included regular attendance at ASHRAE meetings on your New Years resolution list. I am looking forward to seeing many of you on January 8, 2002 at the Royal Hamilton Yacht Club.

W.F. (Wilfred) LAMAN, P. Eng.
Regional Sales Engineer



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George Robb, Hamilton Chapter President 01/02

Chapter History

Hamilton Chapter Member: Wilfred F. Laman P.Eng. (Wilf) – Historical Bio



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Wilf is one of our younger members in ASHRAE - 12 years as a Society and Chapter Member with virtually all of this time spent on the Hamilton Chapter Executive Committee as Secretary, Treasurer, and President. Most recently, Wilf moved up to a Society Regional Grass Roots Committee in July 2000 for a 3 year term as a Regional Vice-Chair on the Program Committee. This committee promotes effective programming at the local chapter level. His leadership and dedication that assisted the Hamilton chapter is now going to impact the region.

Brian L. Beninger P.Eng. M.Sc.



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In this position as Region's 2 Program RVC, Wilf visits many of the Canadian Chapters each year. During a number of these visits, Wilf delivered a technical presentation on fan selection and industrial ventilation using knowledge acquired from ASHRAE TCs (technical committees), and other sources. Wilf continues to offer his services as a technical or primary speaker at any of the Chapters he visits. Most accept his offer as he is well respected knowledgeable speaker.

Wilf, like many of our other chapter members are finding out that ASHRAE, beyond monthly chapter programs, has many opportunities available to broaden your technical proficiency.

TCs are an example. To expand his skills in the ventilation area, Wilf is now a corresponding member of a Society TC on Ventilation and Air Distribution – specifically TC 5.8 Industrial Ventilation. This is one of about 90 TCs and Task Groups focused on a specific aspect of our industry. Each of the 90 Society Technical Committees and Technical Resource Groups, meets twice yearly at the 2 Society Meetings. These TCs are responsible for the contents of the handbooks we receive, supervising research projects, and evaluating the need for standards. Attendance at their meetings is open to all ASHRAE Members registered at the Society Winter and Summer Meetings. Attendance and participation keeps you up to date on the arts and sciences in a particular area plus it establishes contacts with the most skilled individuals currently in the business. In the hour or two, you will learn more about your industry than in any other venue. Try it like Wilf did and you will be pleasantly surprised. The scope of each TC is detailed on the ASHRAE website.

Wilf resides in Ancaster and represents Chicago Blower in SW Ontario. As well, he operates a company that supplies a variety of dust control systems, heat exchangers, scrubbers, silencers and pumps. To be a skilled and opportunist engineer, Wilf realizes that his participation on TC 5.8 will help advance his skills in the arts and sciences in the ventilation and contaminant segment of the HVAC business. Wilf encourages others to come to the Society Meetings and participate in something other

than to visit the concurrent ARI product show. The location is usually near to the show – usually by complimentary bus. Refer to your “Insights” for the scheduling of the TC Meetings. Take in some of the technical presentations as well. Our industry is changing quickly and you need the latest technology if you want a leg up on the competition.

George Menzies, Hamilton Chapter Historian 01/02

Message From Atlanta

National Engineers Week 2002 will be celebrated February 17-23. Once again hundreds of thousands of your colleagues from all engineering disciplines throughout the country will be taking part in this exciting event. You will have an opportunity to recognize the many ways that engineers have contributed to improving the quality of everyday life while emphasizing the importance of math and science to the "next generation" of children and young adults.

Remember that National Engineers Week 2002 can only be effective if we get strong participation from engineers and engineering students at the local level. Good Luck with your activities!

Joanie Waits, Education Coordinator, Ashrae Atlanta

Upcoming Events of Interest

AHR Expo (ASHRAE and ARI) January 14 – 16, 2002

Held this winter in Atlantic City, New Jersey. Contact the International Exposition Co. at Phone (203) 221-9232. Contact ASHRAE Meetings Section by Phone (404) 636-8400 or e-mail at jyoung@ashrae.org

CMX2002 March 21 – 23, 2002

Heating, Refrigeration and Air Conditioning Institute of Canada and Canadian Mechanicals Exposition at the Metro Toronto Convention Centre (North Building). For information call (416) 444-5225 or e-mail showoffice@salshow.com

RSES 2002 Conference
April 17 – 21, 2002

The Refrigeration Service Engineers Society (RSES) of Canada is holding its 63rd annual educational conference at the Delta Winnipeg Hotel in Winnipeg Manitoba. For more information contact Garry MacKenzie at Phone (204) 256-4589 or visit www.rses.ca

CIPHEX West
April 18 – 19, 2002

The Canadian Institute of Plumbing and Heating (CIPH) is presenting CIPHEX West at the Roundup Centre in Stampede Park in Calgary Alberta. For information contact CIPH at Phone (416) 695-0447 or fax (416) 695-0450, or e-mail at mccullough@ciph.com or www.ciphex2002.com

MEET 2002
May 8 – 9, 2002

The Canadian Institute of Plumbing and Heating (CIPH) Atlantic Region, the Illuminating Engineers Society (IESNA) and the New Brunswick Chapter of ASHRAE are sponsoring a trade exposition at the Coliseum-Agrena in Moncton, New Brunswick targeting the mechanical trades industry. For information Phone (888) 454-7469 or (506) 658-0018.

Chapter Scholarship Program

As indicated last year in our chapter newsletter, one of the ways that we are offering a benefit for our membership is through the Hamilton Chapter Scholarship Program. This program is designed to support students entering a post secondary education in the field of science and technology at community college or university level. It is open to the direct family of any Hamilton Chapter member who wishes to submit an entry form. The value of the scholarship will vary slightly year to year but will be in the \$600.00 range, so it wouldn't hurt to put a name forward to promote a venture toward improving the arts and sciences of heating, refrigeration and air conditioning.

Complete the following entry form and return to the ASHRAE Hamilton Chapter's Student Activities Chair to enter. All entries will be compiled throughout this year and selection interviews will be held by the chapter executive scholarship committee and awarded at our June meeting.

Chapter Member's Name :	
Address :	
Phone No. :	
Fax No. :	
E-mail :	
Students Name and Relationship to you :	
Intended Field of Study :	
University (s) Applied to :	

Return To :
AquaTech Sales & Marketing Inc.
40 Bigger Avenue
Hamilton, Ontario.
L8L 3Z4
Attention : Darryl Singleton, Hamilton Chapter Student Activities Chair
Phone : (905) 545-5479
Fax : (905) 545-8655
E-mail : darryls@aquatech.ws

2001 - 2002 Meeting Schedule

This year's meeting schedule is summarised below. Except for some special events, all meetings will be held at the **Royal Hamilton Yacht Club, North end of McNab St. on Hamilton Harbour - If you need a map, check out our web site at <http://www.vaxxine.com/ashrae/>**. During the 5:00 PM to 6:00 PM Social Hour, a half hour "technical session" on the basics of a particular subject relating to our industry is presented. If a session sounds interesting to you, feel free to attend. Presentations are made by our members and this forum is open to all who wish to share his or her expertise. New products and/or services are presented informally via a "table top demonstration". After dinner, the main topic of the evening is presented by a "feature speaker". If you are interested in presenting a technical session, please contact Dave Stacey. If you want to book the table top space to promote your product or service, or if you have a suggestion for a feature subject and/or speaker, contact John Pollock, George Robb, or any other member of the executive. There is a charge of \$ 75.00 for "Table Top" demonstration space, and this includes a business card ad for two months.

2001 – 2002 ASHRAE HAMILTON CHAPTER PROGRAM ACTIVITY				
Month/Date	Theme	Tech Session 5:00 – 6:00 p.m.	Table Top Presentation	Guest Speaker/Main Topic
January 8, 2002	Student Activities	Fan Types, Fan Selection Fan Application (Brian Howe, Slade Engineering)		Duct Pressure Testing (Dave Lipsit, Air Audit)
February 12, 2002	Membership		York	Underfloor Air Distribution Systems (John Mitterling, P.Eng., York Air Conditioning)
March 12, 2002	TEGA	Heat Pump Operation (Bob Rutherford, P.Eng., CSSI)	Comfort System Solutions Inc. (CSSI)	A new Concept for Hotel HVAC (Bill Browne, P.Eng., CSSI)
April 9, 2002	Research	Motor Selection for Explosive Environments		Tobacco Kiln Retrofit Measures (DeCloute Mfg.)
May 14, 2002	Refrigeration	Tour of Toyota Motor Manufacturing – Cambridge, Ontario		
June 2002	Membership/ Research	Annual Golf Tournament – Whirlpool Rapids Benefits of ASHRAE and Membership		

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