



# Airways

**Hamilton Chapter No. 037**

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*American Society of Heating, Refrigeration and Air Conditioning Engineers*

Volume 48, No. 5

*Our 48th Year*

January 2007

**President**

David Hills, A.Sc.T.  
Phone (905) 687-9778  
dhills@tmpniagara.com

**Treasurer & Research Chair**

William McCartney  
Phone (905) 822-2430  
w.mccartney  
@isothermengineering.com

**Secretary**

George Robb, P. Eng.  
Phone (519) 885-2858  
gjrobb@golden.net

**Membership Chair &  
Student Activities Chair**

Adam Werthmiller, C.E.T.  
Phone (905) 687-9778  
awerthmiller  
@tmpniagara.com

**Historian**

George Menzies, P. Eng.  
Phone (905) 388-1313  
gmenzies@allstream.net

**C.T.T.C. Chair**

Nathan Martin, P. Eng.  
Phone (905) 681-3901  
nathan@odellassoc.com

**T.E.G.A. Chair**

Mike Krewski  
Phone (519) 885-7460  
mkrewski@uniongas.com

**Social Chair**

David Rasmussen, C.E.T.  
Phone (905) 575-5542  
drasmussen  
@delhi-industries.com

**Programs Co-Chair**

John Loncar, P. Eng., MBA  
Phone (519) 885-7450  
jloncar@uniongas.com

**Programs Co-Chair**

Terry Fowler, P. Eng.  
Phone (905) 335-3325  
terry.j.fowler@jci.com

**Webmaster**

Brian Beninger, P. Eng.  
Phone (905) 563-3221  
brian@beninger.ca

**Airways Editor**

Allan Antcliffe, P. Eng.  
Phone (519) 756-5760  
allan@madok.com

**DRC**

Wilfred Laman, P. Eng.  
Phone (905) 520-8555  
wlaman@quiet-aire.com

Tuesday, January 2, 2007

## **City of Guelph — A Plan for Sustainability**

This month, members and guests will be provided with an overview of the vision that the City of Guelph is currently finalizing to reduce their energy use.

"Guelph will create a healthy, reliable and sustainable energy future by continually increasing the effectiveness of how we use and manage our energy and water resources".

Canada currently has a 6.4 energy use index per capita use — the highest in the OECD (Organization for Economic Co-operation and Development). The City of Guelph's "Community Energy Plan" hopes to reduce the city's energy index to that of Sweden which is 3.5.

Find out how . . . .

### Feature Speaker

## **Art Stokman, President Guelph Hydro**

Art Stokman is the President of Guelph Hydro and the co-chair of the City of Guelph's "Community Energy Plan".

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

5:00 pm – Social Hour & Technical Session

6:00 pm – Dinner & Business Meeting

7:00 pm – Feature Speaker

#### Technical Session/Dinner/Feature Speaker

Chapter Members - \$30.00 • Guests - \$40.00 • Students - \$15.00 • Meal Plan - \$135.00

#### Technical Session and/or Feature Speaker (without Dinner)

\$15.00



## President's Report

Our December Christmas meeting drew 23 visitors, consisting of members and their spouses, at Dundurn Castle in Hamilton on December 9<sup>th</sup>, 2006. After the luncheon, and before the Castle tour, two awards in total were handed out. The recipients in attendance were Leon Yaskowich and Bob Schock, who received their 50 year memberships. Two other award recipients that were not able to attend were John Pollock and Peter Graham, for their Life Member awards.

The tour was really interesting and managed to touch on the HVAC field a bit where we looked at a 30 foot deep pit inside the castle that was filled with snow and used as a means of refrigerating the food for the people that occupied the castle. The servants would fill the pit with snow, leaves, and straw, and would last long enough to make it through the Fall each year, before it was filled again the following Winter. Also, Dundurn was one of the first residences at that time that use gas-lights. The gas was available from the coal that was also used for heating inside the castle.

For the first meeting of the new year, we'll be discussing the changes to recent Gas Codes, from a representative from the TSSA. Also, the feature speaker topic will cover the City of Guelph's new Plan for Sustainability.

I wish to everyone a happy and successful new year, as we all strive to achieve our goals.

Warmest Regards,

David Hills, A.Sc.T., President 06/07



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## Technical Session

During this month's "technical session", **Frank Bailey**, Team Leader/Inspector TSSA Act, Fuels Safety Program — will talk about the **latest changes to the Gas Code** and answer industry related questions.



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## Message from the Editor

On behalf of the Executive of the ASHRAE Hamilton Chapter, I would like to wish everyone a **Happy New Year** and a **Healthy and Prosperous 2007!**

Keep your submissions coming in.

Allan Antcliffe, P. Eng., Airways Editor 06/07

## Upcoming Chapter Meetings

**Tuesday, Feb. 6/07**  
**Theme: T.E.G.A.**

Technical Session - **Daniel Young, M. Eng., P. Eng.** from the Ontario Society of Professional Engineers will provide an **update of Bill 124**.

Feature Speaker - **Mike Seiling** from the City of Kitchener will talk about **changes to the 2006 OBC**.

**Tuesday, Mar. 6/07**  
**Theme: Membership**

Technical Session - **George Menzies, P. Eng., ASHRAE Hamilton Chapter Historian**, will discuss **TC65.08 – Industrial Ventilation**.

Feature Speaker - **Florin Plavosin, P. Eng.**, from Enerworks Inc. will talk about **Solar Heat Exchangers for Hot Water Applications**.



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**The Mitchell Partnership Inc.**

26 Hiscott St., Suite 104  
St. Catharines, Ontario  
Canada L2R 1C6

**David Hills, A. Sc. T.**  
Designer

Tel (905) 687-9778  
Fax (905) 687-8147

E-mail: dhills@tmpniagara.com  
www.tmpniagara.com

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**Terry J. Fowler, P.Eng.**  
Account Representative

Johnson Controls L.P.  
Controls Group  
3070 Mainway Drive, Unit 10 & 11  
Burlington, Ontario L7M 3X1  
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Direct: (905) 335-3551 Ext. 241  
1-800-263-6226  
Fax: (905) 335-9960  
Cell: (905) 730-9674  
terry.j.fowler@jci.com

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Wm. J. McCartney

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## Upcoming Events of Interest

**ASHRAE Winter Meeting**  
**(including AHR Expo)**

Jan. 29 – Jan. 31, 2007  
Dallas, TX

www.ashrae.org

(click on Meetings & Events)

**Free Show Registrations – complimentary passes to the AHR Expo – are available to ASHRAE Hamilton Chapter Members planning to attend. If you are interested, please speak to Dave Hills.**



**Frank E. Olds**  
Systems Branch Manager,  
SW Ontario

Johnson Controls L.P.  
Controls Group  
3070 Mainway Drive, Unit 10 & 11  
Mainway Business Centre  
Burlington, Ontario L7M 3X1  
Direct: (905) 335-3551 Ext. 231  
Tel: 1-800-263-6226  
Fax: (905) 335-9960  
frank.e.olds@jci.com

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## **ASHRAE News Releases**

### **Liquid Cooling Guidelines Available IT Heat Load Solution Discussed in New ASHRAE Publication**

ATLANTA – Heat loads generated by IT equipment can present significant problems for data centers by introducing effects such as decreased equipment availability, wasted floor space and inefficient cooling system operation. One solution, liquid cooling, is described in detail in ASHRAE's new publication, Liquid Cooling Guidelines for Datacom Equipment Centers.

### **ASHRAE Publishes User's Manual for Standard 62.2**

ATLANTA – A new book from ASHRAE will aid users in designing and constructing homes and apartments that comply with its residential ventilation and indoor air quality standard.

### **IAQ 2007 Conference to Discuss Sustainable Buildings**

ATLANTA – Healthy and sustainable buildings are the talk of the Building Industry but what exactly defines what a healthy building is?

ASHRAE will discuss this and other topics at its IAQ 2007: Healthy and Sustainable Buildings conference in Baltimore Oct. 15-17.

### **07' ASHRAE Measures to Attain Major Energy Savings Shared at ASHRAE Seminar**

ATLANTA – Guidance for building design engineers and owners that will result in buildings cutting their energy usage in half by 2010 currently is being developed by leading organizations in the building environment industry.

### **ASHRAE Receives Recognition for Sustainability Efforts**

ATLANTA – ASHRAE has been recognized by the Sustainable Buildings Industry Council for the Society's educational efforts related to sustainability.

**Click here for complete news releases.**

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If you are interested, contact Allan Antcliffe  
allan@madok.com

## 2006 – 2007 Meeting Schedule

This year's meeting schedule is summarized below. Except for some special events, all meetings will be held at the **Royal Hamilton Yacht Club, at the north end of McNab St. on the Hamilton Harbour** (If you need a map, visit our web site). During the 5:00 pm to 6:00 pm Social Hour, a half hour "technical session" is presented on the basics of a particular subject relating to our industry. If the session sounds interesting to you, feel free to attend. These sessions are presented by our members and are open to any one wishing 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 the "feature speaker". If you are interested in presenting a technical session, booking table top space to promote your product and/or service or, if you have a suggestion for a feature subject and/or speaker, please contact Nathan Martin (Programs Chair). There is a charge of \$75.00 for "table top demonstration" space and this includes a business card ad for two months.

<b>ASHRAE Hamilton Chapter Program Activity</b>				
<b>Date</b>	<b>Theme</b>	<b>Technical Session 5:00 pm – 6:00 pm</b>	<b>Table Top Demonstration</b>	<b>Feature Speaker</b>
January 2, 2007	Sustainability	Frank Bailey <u>TSSA</u> Changes to Gas Code		Art Stokman <u>Guelph Hydro</u> City of Guelph – A Plan for Sustainability
February 6, 2007	T.E.G.A.	Daniel Young, M. Eng., P. Eng. (OSPE) Ontario Society of <u>Professional Engineers</u> Bill 124 – Update		Mike Seiling <u>City of Kitchener</u> Changes to the 2006 OBC
March 6, 2007	Membership	George Menzies, P. Eng. <u>ASHRAE Hamilton Chapter</u> Historian TC65.08 – Industrial Ventilation		Florin Plavosin, P. Eng. <u>Enerworks Inc.</u> Solar Heat Exchanger for Hot Water Applications
April 18, 2007 (not 1st Tuesday)	IAQ	Satellite Broadcast – <b>Indoor Air Quality</b> Crossroads – Burlington, ON		
May 1, 2007	Membership Special	The Chapter is working on organizing a special event. <b>Topic: Legionella</b>		
June 6, 2007 (not 1st Tuesday)	Social /Research	Legends on the Niagara — <u>Ussher's Creek Course</u> <b>Annual Golf Tournament</b>		

**Airways Editor:**

Allan Antcliffe, P. Eng.  
Madok Manufacturing Limited  
50 Morrell Street, Brantford, ON N3T 4J5  
Phone: (519) 756-5760  
Fax: (519) 756-5768  
E-mail: allan@madok.com

**Hamilton Chapter Mailing Address:**

ASHRAE Hamilton Chapter  
59 Abbey Close  
Ancaster, ON L9G 4K8

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<http://www.vaxxine.com/ashrae/>