



# Airways

**Hamilton Chapter No. 037**

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

American Society of Heating, Refrigeration and Air Conditioning Engineers

Volume 44, No.5

Our 44th Year

January 2003

**President**

Ralph Kosir P.Eng.  
Phone (905) 563-5400  
rkosir@vaxxine.com

**Secretary**

Michael Carr  
Phone (519) 649-1700  
London@engineeredair.com

**Treasurer**

Dave Stacey P.Eng.  
dave@peneng.com

**Research Chair**

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

**Membership Chair**

David Hills  
Phone (905) 687-9778  
dhills@tmpniagara.com

**Student Activities Chair**

Nathan Martin  
Phone (905) 385-3234  
nmartin@stantec.com

**Programs Chair**

Chris McClelland  
Phone (905) 572-1111  
cmcclelland@cogeco.ca

**Historian**

George Menzies P.Eng.  
Phone (905) 388-1313  
gmenzies@attcanada.ca

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

Steve Glover  
(905) 335-3325  
steve.e.glover@jci.com

**Social Chair**

David Rasmussen  
Phone (905) 575-5542  
drasmussen  
@delhi-industries.com

**Newsletter Editor/Webmaster**

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

## Tuesday January 14, 2003

### Mohawk College Hydronic & Refrigeration Lab Tour

A state of the art Hydronics Lab has just recently been completed at Mohawk College and is equipped with the latest boilers, pumps, radiation, etc. The equipment was donated by manufacturers and installed by Michael Haslam and his students. Michael Haslam will be giving the tour of the Hydronics Lab, during which EngA will donate more radiation products for the laboratory on behalf of ASHRAE. A colleague of Michael's from Mohawk will be giving the tour of the Refrigeration Lab.

We may not be alone! Along with ASHRAE visiting the laboratory on January 14th, 2003, Michael Haslam expects a local magazine to be present. The magazine is doing an article on the new training facilities at Mohawk College, which includes the Refrigeration Lab with a recently installed chiller. The college expects regular interest (IE. tours) in these labs for years to come.

Due to the technology, the Hydronics & Refrigeration Labs are sure to be state of the art training facilities of tradespeople in the region for years to come. Some of these students who have helped install the equipment and others who are currently training in the lab, will be in attendance to answer questions. In addition to the students being present, some of the donating manufacturers are expected to turnout and be available to answer questions about their products during and following the tour.

ASHRAE's contact, Michael Haslam is trying to get the \$5-6.00 parking fee waived for the evening with the proper authorities, but this will be a game time decision. Each tour is expected to take 25-30 minutes followed by questions. I hope we see everyone out Tuesday, as this should be an informative and exciting tour.

The Technical Session and Dinner will be held at the Royal Hamilton Yacht Club as usual

Chris McClelland, Programs Chair 02/03



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

5:00 PM Social Hour & Technical Session - **RHYC**

6:00 PM Dinner & Business Meeting- **RHYC**

7:15 PM Tour - **Mohawk College, Stoney Creek Campus**

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

## Chapter History

### Hamilton Chapter Member: Steve Glover – Historical Bio



**AQUA TECH**  
SALES & MARKETING INC.

**Darryl Singleton (C.E.T.)**  
Specification/Technical Consultant

HEAD OFFICE  
40 Biggar Avenue, Hamilton  
Ontario Canada L8L 3Z4

Bus. (905) 545-5479  
Fax. (905) 545-8655  
email: [darryls@aquatech.ws](mailto:darryls@aquatech.ws)  
web: [www.aquatech.ws](http://www.aquatech.ws)

**NORTHERN INDUSTRIAL  
FANS & BLOWERS**

**MARTIN HALLIWELL, P.Eng.**



Tel: (519) 886-8091  
Fax: (519) 886-0160

Web Site: [www.nisco.net](http://www.nisco.net)  
Toll Free: 1-888-FAN-COIL

Address: 539 Paradise Ct., Waterloo, ON N2T 2N7

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



**CHICAGO BLOWER CORPORATION**  
an ISO 9001 Company

Represented by:  
**Chicago Blower Sales  
of Southwestern Ontario**

59 Abbey Close  
Ancaster, ON L9G 4K8  
Phone: 905-648-7030  
Fax: 905-648-9220



**EFI SYSTEMS GROUP**

5140 Meadowood Lane  
Beamsville, Ontario, L0R 1B8  
Canada

**Ralph J. Kosir, P. Eng.**  
Sales Engineer

905 563-5400  
Fax: 905 563-5401

[www.efisystemsgroup.com](http://www.efisystemsgroup.com)  
e-mail: [rkosir@vaxxine.com](mailto:rkosir@vaxxine.com)

**THIS SPACE COULD BE YOURS!**

**Business Card Ad  
\$75 For One Year**

If you are interested, please contact Brian Beninger. Email [brian@beninger.ca](mailto:brian@beninger.ca)

Steve is presently our TEGA Chair and has been a local and Society Member of ASHRAE for more than 25 years. TEGA is the chapter committee which encourages local participation in Society Technology Awards and Government Affairs Awards as well as developing local contacts with government and educational officials. Steve's experience in our industry helps the chapter in this important activity.

Steve is a local resident of this area for all of his life. Like me, he was born at the Henderson Hospital on Hamilton Mountain. His schooling was in Hamilton schools – starting at Central SS in 1957 and onto the Hamilton Institute of Technology in 1962 graduating in the Controls Systems course in 1965. During his final year, the school had a field trip to New York where Steve met his soon to be wife Linda – and I also remember those school trips to NY... Upon graduation, he worked in the GM Axle Plant in St.Catharines and lasted there till year end. In Jan '66, he started with Honeywell and worked some 10 months till Oct '66 when he accepted a position at Johnson Controls in Toronto in their new Field Engineering Group which was the first group in Canada to specialize in Building Automations Systems. Their activities included projects all over Canada – University of Guelph; Canada Inland Waters Facilities; University of Ottawa; Sick Kids Hospital and many projects in Regina, Edmonton and Calgary. In '66 this Engineering group consisted of Steve and two others. By 1974, it had grown to 65 with 39 of the staff under Steve's supervision. But times change. Johnson reorganized to a regionalized operation starting with Montreal, Toronto and Calgary offices which would be based on an Integrated Facility Management philosophy to give its customers a single source for design and maintenance of building systems. Johnson has now expanded to 19 Canadian offices.

After 6 years covering much of Canada and living out of a suitcase, Steve decided in '74 to move into the local Johnson Sales office near his home in Burlington. The office was at 3325 N. Service Road. Today it is at 3070 Mainway Drive Unit 10 and 11 in Burlington.

In May of 1977, Steve joined ASHRAE and also became a Hamilton Chapter Member. He immediately accepted the task of doing the Monthly Newsletter which was typed, stapled and mailed by Steve. He did this job for a couple of years until he was promoted to Branch Sales Manager reporting to Johnson Headquarters in Toronto. Meanwhile Johnson Controls acquired Globe-Union a manufacturer of auto batteries and soon would acquire other auto related businesses to give Johnson an increasing presence in interior car electronic components – your car today is full of Johnson components.

In 1993, Steve and about 500 other branch managers around the world found out that their jobs were eliminated. Steve chose to return to sales in this area – this consists of the territory from Fort Erie to Owen Sound to Mississauga to Oxford. Steve says this is an active area with lots of refits plus a major expansion in many parts of the HVAC business. Steve still is involved in the old style large pneumatic systems such as in Jackson Square, the Stelco Tower, Standard Life and the rest of the central core buildings in Hamilton, plus all the newer electric and electronic and now web-based controls systems.

Steve plans to be active with Johnson in our area for a few more years and plans to continue to participate in local ASHRAE chapter activities. Historically, Johnson Controls has been in the controls business for 117 years – since Warren S Johnson invented the electric room thermostat in 1884 to save energy and Johnson still today is one of the world's major contributors to the reduction of energy use. Steve is

certainly with a successful corporate business. Johnson paid its first dividend to its shareholders in 1887 and has never missed a payment since. The year 2002 was the 56th consecutive year of increased sales and the 27th consecutive year of increased dividends. Sales worldwide are \$20 billion with \$200 million of that from the 19 Johnson Controls branches in Canada. Now if Steve had only bought lots of Johnson shares when he was in his 20s...

Steve has been a 25 year continuous supporter on the Hamilton Chapter offering to help in us through some difficult periods. The Board always appreciates his wisdom and experience and we hope he continues with us for many more years of membership – remember at 30 years of continual membership, no more dues... you become a "Lifer".

*George Menzies, Hamilton Chapter Historian 02/03*

## ASHRAE HAMILTON CHAPTER TOUR

January 14, 2003

Mohawk College - Stoney Creek Campus

481 Barton Street East

Stoney Creek, Ontario

### *Directions to Mohawk Stoney Creek Campus:*

#### **From points north and east (Toronto, Burlington, Guelph):**

- Hwy #403 West (or East from Hwy #6) to Hamilton
- exit QEW Niagara (go over the Skyway Bridge)
- exit Centennial Parkway and go south or right
- turn left on Barton Street
- Mohawk College, Stoney Creek Campus is on your left just past Millen Road

#### **From points west (Brantford, London):**

- Hwy #401 East to Brantford
- Hwy #403 East to Hamilton
- exit Mohawk Road/Lincoln Alexander Expressway and go east on "the Linc"
- the Linc becomes Mud Street
- turn left on Centennial Parkway (Hwy #20)
- turn right on Barton Street
- Mohawk College, Stoney Creek Campus is on your left just past Millen Road

#### **From points southeast (Niagara)**

- QEW West to Hamilton
- exit Centennial Parkway (Hwy #20) go south
- turn left on Barton Street
- Mohawk College, Stoney Creek Campus is on your left just past Millen Road

## 2002 - 2003 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, book the table top space to promote your product or service, or if you have a suggestion for a feature subject and/or speaker, please contact please contact Chris McClelland, our 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>2002 – 2003 ASHRAE HAMILTON CHAPTER PROGRAM ACTIVITY</b>				
<b>Month/Date</b>	<b>Theme</b>	<b>Tech Session 5:00 – 6:00 p.m.</b>	<b>Table Top Presentation</b>	<b>Guest Speaker/Main Topic</b>
January 14, 2003	Membership	Radiant Ceiling Panel Basics ( <i>Mat Brown, Engineered Air</i> )	Engineered Air, Radiant Panels	Tour - Mohawk College Hydronics Lab
February 11, 2003	TEGA	Laboratory Fume Exhaust Systems ( <i>MK Plastics</i> )	MK Plastics	Interoperability of Control Systems ( <i>Terry Hoffman, Johnson Controls</i> )
March 11, 2003	History	1) Computer Room A/C ( <i>Data Air</i> ) 2) Hamilton Chapter History ( <i>George Menzies</i> )	Data Air	Casino Construction ( <i>Don Cruikshank, TMP</i> )
April 8, 2003	Research	Mixing Valves vs Pump Injection ( <i>Tom Wood, Viessmann</i> )	Viessmann	Condensing Boilers ( <i>Tom Wood, Viessmann</i> )
May 13, 2003	Student	Combo System Basics	Tirmed	Odour & Microbial Control ( <i>Henry Berman, Trimed</i> )
June 11, 2003	Membership	Annual Golf Tournament – Whirlpool Golf Course Benefits of ASHRAE and Membership		

Airways Newsletter Editor:  
 Brian Beninger  
 Beninger Engineering Limited  
 4356 Lincoln Avenue, Beamsville, Ontario L0R 1B2  
 Phone (905) 563-3221  
 Fax (905) 563-7123  
 E-Mail [brian@beninger.ca](mailto:brian@beninger.ca)

Hamilton Chapter Mailing Address:  
 59 Abbey Close  
 Ancaster, Ontario L9G 4K8  
 Phone (905) 648-7030  
 Fax (905) 648-9220

ASHRAE Hamilton Chapter  
<http://www.vaxxine.com/ashrae/>