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**See The World Series Champs**  
**May 21, 1994 at 1:35 PM**

Due to a lack of response for this outing, the highway coach has been cancelled.  
 However, Good News!! Kirk Flowers will be selling the tickets only. They are great seats (200 level) and ticket prices are \$23.00 each, taxes included. The will be gone quickly, so please contact Kirk A.S.A.P. at 657-1010 to reserve yours.

**Correction**

There was an error in the 93-94 ASHRAE membership roster. The phone number for Nutech Energy Systems Inc. should be 457-1904. Our apologies to Grant Miles for that oversight.

**Future Meetings**

May 30 - Refrigeration Night  
 June 21 - Golf Tournament  
 This years sponsor will be Climate Control. As last year it is being held at Oxbow and donation of prizes are welcomed. Please contact Hugh Palser for further information.

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**ASHRAE's 1994 Annual Meeting**

This years meeting will be held in Orlando, Florida from June 25-29.

Of special interest will be an address by Ralph Lewis, Jr. which is entitled "The World of Energy and Alternate Fuels -- The Global Struggle." Mr. Lewis will give insight into the changing political climate surrounding global energy resources and examine opportunities for the building industry in countries that previously did not have access to energy.

**Technical Program**

There will be 125 papers and 55 seminars and forums presented at the annual meeting. Some of the highlights are: Indoor air quality (IAQ) -- how to improve it and its effect on building occupants -- is the subject of numerous presentations.

Also sessions on, alternative refrigerant development, such as "After R-2 and R-502, What?" and "Performance Testing of R-22/R-502 Alternatives."

In the area of energy use, papers on advances in enhanced heat and mass transfer of heat exchangers and predicting building energy use will be presented.

This years meeting will be of interest to all members and for those planning on attending the on-site registration fee is \$250 (\$190 ASHRAE member Fee). For additional meeting information contact the ASHRAE Meetings Department, 1791 Tullie Circle, N.E., Atlanta, GA 30329; telephone (404) 636-8400 or fax (404) 321-5478.

(there's more, over....)

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**WHAT THE HECK IS CRC?**

About this time every year members are encouraged to think about attending the Region "CRC". I would guess that probably 50 percent of our members have no idea what CRC is, and that many of those at least think that they don't care! What I'd like to do here is to clear up, in everyone's mind, exactly what goes on at CRC and why more people ought to think about going.

First of all, CRC stands for Chapters Regional Conference. Each of the 12 ASHRAE regions has one every year, rotating the site among the chapters of the region. This year the CRC for our region will be held in Ottawa August 11-13 at the historic Chateau Laurier Hotel with banquet dinner at the National Gallery of Canada. (Come see "Voice of Fire").

So what goes on at CRC? Well, a lot! It's hard to believe that so many activities can fit into such a short time. Each chapter sends an official delegate and alternate to the CRC. The conference begins with an Executive Caucus, where instructions concerning nominations to the regional and society positions are given to the delegates and alternates by the regional chairman. This informal meeting is followed by the Executive session, where those nominations actually taken place.

After the Executive Session, the room is opened to anyone interested for the first general business session. It is here that motions are made to implement new regional and society policies, and each chapter is given the opportunity to give a report on it's past year's activities and accomplishments.

Lunch includes an address by a high-ranking Society Officer, sometimes the president. He gives insight into where ASHRAE is going, and how we are going on current programs. One thing everyone is excited about is ASHRAE's 100th Anniversary in 1994/95.

There are many activities from which to choose for current and prospective Chapter Officers and committee chairmen, there are operations and committee seminars for Education, Research Promotions, Energy and Technical Affairs, and Refrigeration. There are also a couple of technical programs.

The Awards luncheon is where the chapters who have won the Presidential Award of Excellence receive their banner patches. Several other awards are also given including the outstand chapter award, the Travelling Meat Ball Award (for the chapter with the highest product of attendees times miles travelled) and the "Top Dog" Award (for the Research Promotion Chairman in the region who does the best job relative to his chapter size).

Spouses and significant others have not been forgotten either! In addition to all the dinners, luncheons, and parties, there are special tours and shopping excursions planned, along with special programs. There is no reason for anyone to be bored for a minute at the CRC.

The bottom line is that CRC is "Where the Action is" in ASHRAE. Anyone interested in meeting people from other chapters, or in becoming involved on the local level as an officer or committee person, or getting some insight on how ASHRAE operates, can and should attend.

For more information on the upcoming Ottawa CRC, please contact Mike Swayne in Ottawa at tel. (613) 828-2000 or fax at (613) 828-1011.

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 TREASURER Brenda Stonehouse 672-8511

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 TECHNICAL ENERGY & GOV. ACTIVITIES Dan Shah  
 LDCA LIAISON Grant Miles  
 MEMBERSHIP Michael Gubesh  
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 PROGRAM Kirk Flowers  
 RECEPTION Chris McEwen  
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 72 - 73 Cliff R. Morrison  
 73 - 74 John Bisset  
 74 - 75 Russ A. Gonder  
 75 - 76 Jack Henderson  
 76 - 77 Wayne Barker  
 77 - 78 John J. Payne  
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23.00 p. Leckner  
 Blue Jays

# Newsletter



**London Canada Chapter**  
 American Society of Heating, Refrigerating and  
 Air Conditioning Engineers Inc.  
 521 Colborne Street, London, Ontario N6B 2T6

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## TOUR NIGHT

**Labatt's Amber Lounge**  
 215 Simcoe St. - London, Ontario  
 (Parking at Simcoe & Richmond SW corner)

**\*\*NOTE\*\* - Location change**

**Monday, April 25th, 1994.**

Technical Session - 5:00  
 Social Hour - 5:30 p.m.  
 Dinner - 6:30 p.m.

**Technical Session:**

Tom Drennan Jr., of Drennan Refrigeration, will be discussing the use of automatic air purgers to improve refrigeration system efficiency. The session will be of interest to anyone who wants to increase the capacity, or reduce operation costs, of an existing or new refrigeration system.

**Dinner Topic:**

Rheal Caron, Facilities Manager for Labatt's London Operations, will speak on the unique refrigeration applications in a brewery. He will outline projects that he has undertaken that have had significant impact on the efficiency of his refrigeration plant. He will also provide an overview of his most recent success, the installation of cogeneration to meet all of their own electricity needs. The evening will conclude with a tour of their facilities to see the projects that he has discussed.

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**President's Message**

This will be the last newsletter for this ASHRAE year (93/94). I must thank all the members of chapter for your support and also the Board of Governors for their commitment each and every month. Our chapter membership stayed exactly the same this year and a special thanks must to out to our nine new members. Our two tours this year were very well attended and expect to see more in the upcoming year. After our golf tournament in June the next ASHRAE event will be the CRC conference. Currently we are planning on sending ten members to this years conference in Ottawa. We will highlight this years session in our September newsletter which we hope to get to you late in August or early in September. Have a safe and pleasant summer and see you at the tournament.

**ASHRAE**

**GOLF TOURNAMENT**

**DATE:** Monday, June 20, 1994

**PLACE:** Oxbow Glen Golf Course

**TEE OFF:** 10:00 A.M. - 12:00 NOON

**COST:** GOLF AND DINNER - \$45.00 PER PERSON  
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**ASHRAE LONDON CANADA CHAPTER HISTORY**

The idea of forming a chapter of ASHRAE in London, Ontario, Canada had been in the minds of a number of people for some time. However, it was not until the Fall of 1970 when, over a longer than usual lunch, Jack Vanstone and Cliff Morrison started to firm up a definite proposal. As Cliff Morrison recounts, the longer the lunch lasted, the better ASHRAE looked. As a result of this meeting and other meetings held with other interested parties, including John Bisset and Russ Gonder, a formal meeting to organize the proposed Chapter was held at M. M. Dillon's Boardroom on 10 January 1971. Those in attendance were J. Vanstone, C. R. Morrison, J. Hoyle, F. Lucas and J. B. Bisset.

The proposed Board of Governors consisted of:

- |                |   |                |
|----------------|---|----------------|
| President      | - | J. Vanstone    |
| Vice President | - | C. R. Morrison |
| Secretary      | - | J. B. Bisset   |
| Treasurer      | - | R. A. Gonder   |
| Membership     | - | D. Palsler     |
| Telephone      | - | F. Lucas       |
| Bulletin       | - | J. Hoyle       |
| Social         | - | L. Bloxham     |

Proposed Chapter Bylaws were submitted by Cliff Morrison, and a list of prospective members by Jack Vanstone. A number of other matters were discussed, including meeting dates, Chapter dues, speakers, and the date was set for a further organizational dinner meeting on 16 February 1971. This meeting was to introduce additional people to ASHRAE and hopefully obtain more people for committee work.

(there's more, over.....)

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# Newsletter



## London Canada Chapter

American Society of Heating, Refrigerating and Air Conditioning Engineers Inc.  
521 Colborne Street, London, Ontario N6B 2T6

## REFRIGERATION NIGHT

Highland Country Club Ltd  
279 Commissioners Rd. East - London, Ontario

**Monday, May 30th, 1994.**

Technical Session - 5:00.  
Social Hour - 6:00.  
Dinner - 6:30.

**\*\* May Meeting A Special Night \*\***

Centennial Celebration - Please join us in honouring London Chapters original Board of Governors for their past service and years of ongoing support.

**Technical Session:** Norm Clark of Trane Canada will demonstrate how microelectronics are being used to optimize the performance, reliability and serviceability of rooftop air conditioning equipment. For projects with multiple rooftop units a Trane Tracker/Voyager Rooftop Integrated Comfort System provides simple, effective centralized control through its ability to monitor and control the operation of each rooftop unit and coordinate its operation with other HVAC equipment and building loads. Demonstration systems of Trane's Micro controls and Tracker ICS system will be on display for a hands on demonstration.

**Dinner Topic:** Revisions to the Operating Engineers Act & What They Mean

With changes to ASHRAE Codes 15 & 34 and the introduction of Regulation 904 under the Act, the subject of how best to respond to the Montreal Protocol has undergone a lot of debate. Now that the proposed major changes to the Act have fallen off the legislative agenda, this presentation will outline the current status and discuss the expected implications. It will also cover other important aspects of the Act, including building engine rooms to CSA B52 specifications.

**Dinner Speaker:** Hugh Crowther, P.Eng. is manager of HTS Eng'g Ltd. (West) in Guelph. He is an active member of the Toronto Chapter of ASHRAE.

## London Construction Trade Show

We are starting early in asking for ASHRAE members to help support the LDCA show next year sponsored in part by our local chapter. The show date is February 14/95. Also, please book your booth space early as space is limited. Contact Misi at the London and District Construction Association office - 453-5322.

## Newsletter

At this time I would like to thank all our members for their support and patience in regards to restructuring our local chapter newsletter. Also, the advertisers for helping our newsletter become self-sufficient, and a special thanks to Peter Ziebart for all his help with coordinating and printing. Have a safe and enjoyable summer, see you at the golf tourney.

### Board of Governors

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VICE-PRESIDENT Kirk Flowers 657-1010  
SECRETARY Grant Hilliard 681-1221  
TREASURER Brenda Stonehouse 672-8511

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**MEMBERSHIP**

To date we have six new members. I thank all of you who helped recruit these new members into our fold. By pointing out the benefits of ASHRAE membership to your colleagues you have not only helped these people to grow, but also ASHRAE as a whole. ASHRAE is a group which benefits society as a whole through the experience of its' members.

These days seem to be very busy for all of us. Just trying to make ends meet in today's economy can be all time consuming. Often the ASHRAE membership dues get pushed aside and forgotten. On 20 January 1994 I sent out reminder notices to members who's dues are now delinquent. For those of you who have since settled your account I thank you for bringing this matter to your attention. For those of you who's accounts have not been settled please contact me at the phone number listed below. Time is running out.

Application forms are available for members who wish to upgrade the ASHRAE membership standing. Please contact me if you wish to upgrade your status within ASHRAE.

Michael Gubesch, Membership Chairperson, 782-4632.

**FUTURE PROGRAMS**

Mar 28 - Research Night  
April 25 - Tour Night  
May 30 - Refrigeration Night



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**UPCOMING EVENTS**

Kirk Flowers is arranging for a batch of Blue Jay tickets for a Saturday game in May/94. Watch for more information in future newsletters.

**LONDON CONSTRUCTION SHOW**

The Ninth Annual Construction Trade Show held on Tuesday Feb 15, is now history. Exhibit space was fully booked, with a number of ASHRAE members showing their wares. I would like to recognize the assistance of Mike Gubesch, Joe Classens, Tom Kraici and Neil Courneza who volunteered their time to work the registration table. Overall attendance was down a little from the past few years but those that did attend saw a number of new manufactures and good displays all around. As this is a London Chapter co-sponsored and supported event, I hope that future shows will be attended by as many of our members as possible. I believe that it is much like the chicken and egg issue. Quality manufactures will provide excellent displays if their target audience attends the show.

Grant Miles

**NATIONAL ENERGY CODE 1995 - REVIEW OF DRAFT**

A meeting will be held in Mississauga on March 25/94 to review the first draft of changes to the national energy code. Time is from 9:00 till noon and the cost is \$25.00. For further details please contact Larry S. Fodor, Union Gas - Chatham, 519-352-3100 or Michael Brooks, Consumers Gas - Toronto, 416-496-7116.

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Bill Palamas  
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NEWSLETTER & PUBLICITY Neil Courmeya  
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71 - 72 Jack Vanstone  
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92 - 93 Owen Glendon

# Newsletter



## London Canada Chapter

American Society of Heating, Refrigerating and  
Air Conditioning Engineers Inc.  
521 Colborne Street, London, Ontario N6B 2T6

## TEGA NIGHT

Highland Country Club Ltd.  
279 Commissioners Rd. East - London, Ontario

Monday, February 28th, 1994

Social Hour - 5:30 p.m.  
Dinner - 6:30 p.m.

GUEST SPEAKER  
Mr. Kingsley Blease

Water Conservation

Topic and Biography:

Kingsley Blease has over 20 years experience working in the water industry in Canada and the United Kingdom. For the past 3 years he has been employed as a Senior Project Manager with Proctor & Redfern Limited, Consulting Engineers. During this time he has been a design co-ordinator and project manager for water schemes. Kingsley has, during the last 3 years, completed a series of institutional, commercial and industrial water audits for the Federal, Provincial and Municipal Governments, and the private sector. These audits, at over 20 facilities, have demonstrated that water is real and achievable.



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## CANADA'S BOILERMAKER

**CHARLES B. SMITH, P. Eng., President**

Bus: (519) 527-0600 FAX: (519) 527-0150  
156 MAIN STREET SOUTH, P.O. BOX 70, SEACORTH, ONTARIO N0K 1W0

### PRESIDENTS MESSAGE

Welcome to a new year and a new look to our newsletter. Many thanks to Neil for arranging the layout and especially to the fifteen businesses for there support in order to make this all possible. If anyone is still interested in displaying their business cards, then be sure to contact Neil and we will squeeze you in.

Our guest speaker this month is Dara Bowser who is the president of Bowser Technical Inc; a consultancy specializing in Energy Conservation, Ventilation and Heat-Recovery Systems. Dara is an instructor for HRAI and Mohawk College and is an R-2000 Design Evaluator, Air-tightness tester and Inspector.

Dara's career has focused on the energy, environmental and HVAC aspects of building technology. This work includes energy analysis, indoor air quality assessment, mechanical design and project management work as well as involvement with manufactures of Heat Recovery Ventilators, Heat Recovery Heat Pumps, Bath and Kitchen Fans, and Oil, Gas and Electric heating equipment.

Most recently, Dara has been intimately involved with the evolution of residential building codes in Canada, with a focus on ventilation requirements.

### FUTURE PROGRAMS

- Feb 28 - TEGA Night; speaker Kingsley Blease on Water Conservation
- Mar 28 - Research Night
- April 25 - Tour Night
- May 30 - Refrigeration Night



# 1994

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London, Ontario N6A 1A9  
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Fax: (519) 672-3528  
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**G. LINDSAY HIRD, P.Eng.**  
Territory Manager  
Central Region

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Watts: 1-800-265-4277

### IN MEMORIAM

Our sincere sympathy goes out to the family of Mr. Don Morton who passed away earlier this month. Our thoughts and prayers are with them in this time of sorrow.

### LOCAL CHAPTER DUES

If you haven't paid your local dues yet, then please do so soon. Forward payment to Brenda Stonehouse. For everyone who have paid, we thank you for you support.

### LONDON and DISTRICT CONSTRUCTION SHOW

There is still booth space available for the show and your support would be very much appreciated. Contact Grant Miles or the LDCA for information.



107 Hamilton Road  
New Hamburg, Ontario N0B 2G0

Wayne Gingerich  
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Fax: (519) 662-2460



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Bill Palamas  
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American Society of Heating, Refrigerating and  
Air Conditioning Engineers Inc.  
521 Colborne Street, London, Ontario N6B 2T6

## EDUCATION NIGHT

### Highland Country Club Ltd.

279 Commissioners Rd. East - London, Ontario

**Monday, January 31st, 1994**

**NOTE:**

Technical Session - 5:00  
on DDC Controls by Johnson Controls

Social Hour - 5:30 p.m.  
Dinner - 6:30 p.m.

**GUEST SPEAKER**  
**Dara Bowser**

Bowser Technical Inc.

**TOPIC:**

Ontario Building Code  
Residential Ventilation Requirements

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