

ASHRAE Roster
2003-H-07500141
2002-2003 WINDSOR

PRESIDENT
05087472 141
Term: 2002-07-01 to 2003-06-30
Lorraine D Grondin

ALTERNATE
05126763 141
Term: 2002-07-01 to 2003-06-30
John H Staples

Union Gas Ltd
Phone:(H) Fax:
Email:

PRESIDENT ELECT
05126763 141
Term: 2002-07-01 to 2003-06-30
John H Staples

Bryant Heating & Cooling Co Ltd
Phone:(B) 519/966-1550 Fax: 519/966-6286
Email:

SECRETARY
05173579 141
Term: 2002-07-01 to 2003-06-30
Mason H Hoppe
5720 Canada St
Lasalle ON N9H 1M3
CANADA

Bryant Heating & Cooling
Phone:(B) 519/966-1550 Fax: 519/966-6286
Email:

TREASURER
05025723 141
Term: 2002-07-01 to 2003-06-30
Walter T Marcon
Baymar Supply Ltd
3200 Jefferson Blvd
Windsor ON N8T 2W8
CANADA

Phone:(H) 519/727-3320 Fax: 519/974-5803
Email: wmarcon@baymarsupply.com

DELEGATE
05087472 141
Term: 2002-07-01 to 2003-06-30
Lorraine D Grondin

Union Gas Ltd
Phone:(H) Fax:
Email:

Bryant Heating & Cooling Co Ltd
Phone:(B) 519/966-1550 Fax: 519/966-6286
Email:

MEMBERSHIP PROMOTION
05095764 141
Term: 2002-07-01 to 2003-06-30
James A Smith
Wilson Dario & Associates
308-3200 Deziel Drive
Windsor ON N8W 5K8
CANADA

Phone:(B) 519/948-2600 Fax: 519/948-2700
Email:

STUDENT ACTIVITIES CHM
05169926 141
Term: 2002-07-01 to 2003-06-30
David S Ting PhD
University Of Windsor
Mech & Auto & Mats Engg
401 Sunset Ave
Windsor ON N9B 3P4
CANADA

Phone:(B) 519/253-3000 Fax: 519/973-7007
Email: dting@uwindsor.ca

CHAPTER
05126763 141
Term: 2002-07-01 to 2003-06-30
John H Staples
18 Prospect St
Kingsville ON N9Y 1M7
CANADA

Bryant Heating & Cooling Co Ltd
Phone:(B) 519/966-1550 Fax: 519/966-6286
Email:

HIST
02026793 141
Term: 2002-07-01 to 2003-06-30
Donald E Winkup

Self Employed
Phone:(H) Fax:
Email:

TECH ENERGY & GOVT ACTIVITIES

05220292 141

Term: 2002-07-01 to 2003-06-30

William A Davies

Union Gas Ltd

650 Division Rd

Windsor ON N9A 6N7

CANADA

Phone:(B) 519/250-2355 Fax: 519/250-2224

Email: _____

NEWSLETTER EDITOR

00119103 141

Term: 2002-07-01 to 2003-06-30

Danny A Castellan

University Of Windsor Project Eng

Chrysler Hall 6Th Fl

401 Sunset Avenue

Windsor ON N9B 3P4

CANADA

Phone:(B) 519/253-3000 x2164 Fax: 519/561-1404

Email: danc@uwindsor.ca _____

H&A

05087472 141

Term: 2002-07-01 to 2003-06-30

Lorraine D Grondin

Union Gas Ltd

Phone:(H)

Fax:

Email: _____







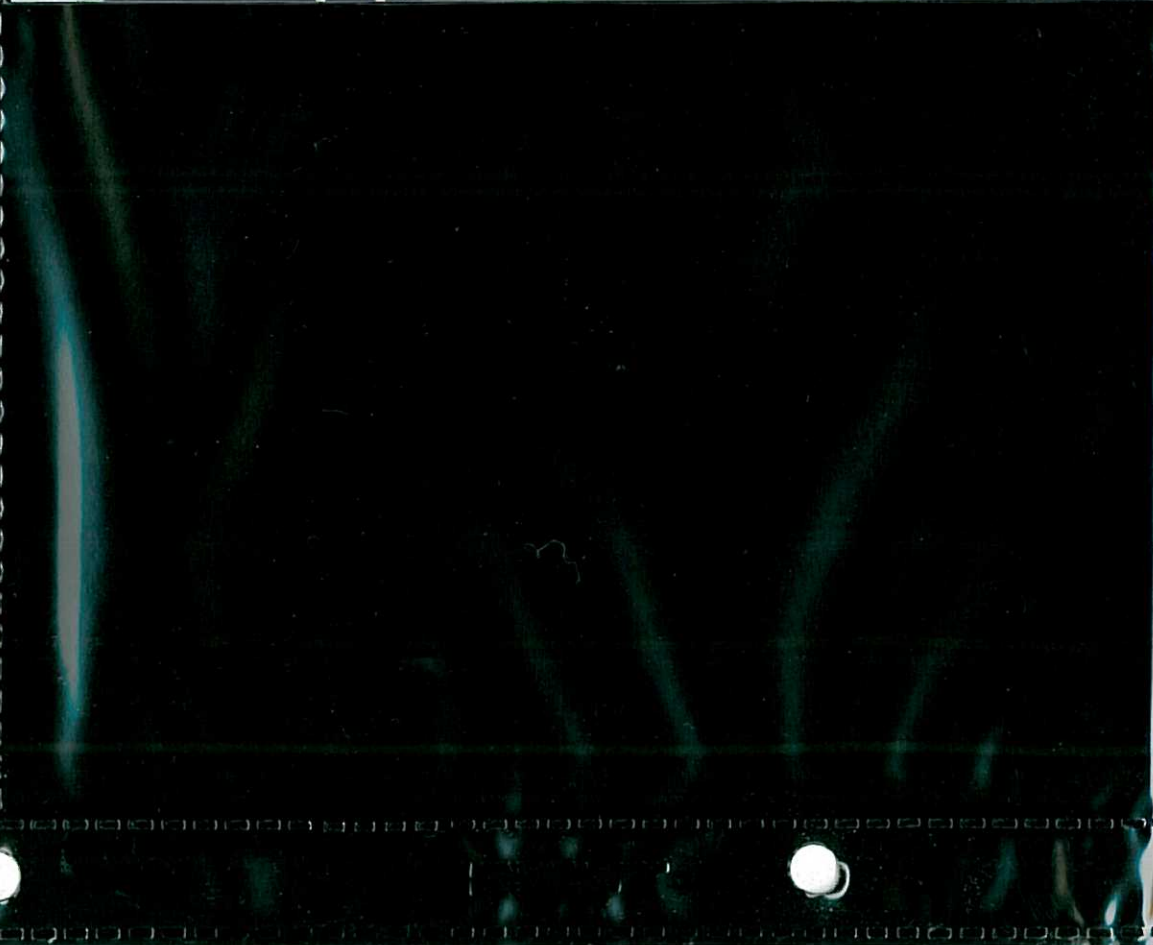
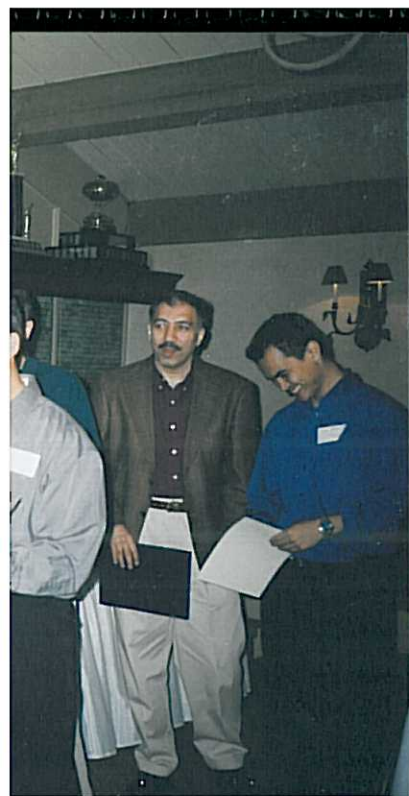












AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS INC.

WINDSOR ONTARIO CHAPTER

C/O BAYMAR A/C SUPPLY LTD.; 3200 JEFFERSON BLVD.; WINDSOR, ONTARIO N8W 2W8; (519) 974 5800

**NEWSLETTER**Volume: 20 , Issue: 1**To : Donald E. Winkup****Date : 10/10/2002****Company : Chrysler Canada****Fax Number : 9732613****Pages : 3****NEXT MEETING: *Tuesday Oct. 15, 2002 @ 5:30 pm*****LILLY KAZZILLY'S**

9550 RIVERSIDE DR. E.; WINDSOR, ONTARIO; N9P 1A1; (519) 944 8332

FUTURE MEETINGS:

Sep. 16, 2002 - Beach Grove Golf Club

Oct. 15, 2002 - Lilly Kazzilly's

Nov. 17, 2002 - Lilly Kazzilly's

Dec. 17, 2002 - ??

Jan. 21, 2003 - Lilly Kazzilly's

Feb. 18, 2003 - Lilly Kazzilly's

Mar. 18, 2003 - Lilly Kazzilly's

Apr. 15, 2003 - Lilly Kazzilly's

May 21, 2003 - Beach Grove

Chapter Officers and Board of Governors:

President:	Mrs. Lorraine Grondin (800 571 8446, x2970)	B of G:	Mr. Greg Dufour (974 5800)
President-Elect:	Mr. John Staples (966 1550)		Mr. James Smith (948 2600, x 228)
Treasurer:	Mr. Walter Marcon (974 5800)		Mr. Danny Castellan 253 3000, x2164)
Secretary:	Mr. Mason Hoppe (966 1550)		
Past-President:	Mr. Phil Bracewell (519 649 1700)		

Chapter Committees:

Research:	Mr. Phil Bracewell (519 649 1700)	Student	Dr. David Ting (253 3000, x2599)
Membership:	Mr. Chris Racicot (251 0200)	TEGA:	Mr. William Davies (250 2355)
Program:	Mr. John Staples (966 1550)	Newsletter:	Mr. Danny Castellan 253 3000, x2164)
Reception:	Mr. Frank DiFazio (948 2600, x 229)	Newsletter:	Mr. Don Winkup 948 8314



AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

ASHRAE**WINDSOR ONTARIO CHAPTER****c/o Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W 2W8****Vol. 20 No. 2****Page 2 of 3****Oct. 10, 2002****President Message**

Welcome back to another year of ASHRAE in Windsor. Last year was a very successful year for the Windsor Chapter. Your chapter was honoured with a number of awards at the Chapter Regional Conference in Ottawa this year (which you will hear more about at our October meeting). Your executive has also active in putting to use the valuable information and strategies acquired at the CRC in hopes of continuing the success we enjoyed last year.

Once again, our annual Golf Tournament kicked off the ASHRAE season, as well as our membership drive. It was an enjoyable day for all who attended. The purchase of mulligans proved to be very popular again this year, and provided a significant contribution towards ASHRAE research. James Smith and his committee should be congratulated once again for a job well done.

The program for this year will encompass a broad range of topics that should be of interest to everyone. The meetings will be held at Lilly Kazzilly's again this year. This venue offers great food and atmosphere for our technical sessions and entertaining. We encourage all of our members to invite other colleagues in our industry to come out and join ASHRAE.

Lorraine Grondin
ASHRAE Windsor Chapter President

Guest Speaker

This month's speaker will be **Mr. Henry Berman**, National Sales Manager, Trimed

Mr. Berman will be presenting a technical talk on Ultra Violet Radiation Systems Control of Biological Growth in HVAC Systems.

Table Top Display

Anyone wishing to display their company's products or services, we have several months still available starting in the new year. It will cost you only \$100 which includes dinner and you will be able to display your material at the meeting and discuss with the attendees before and after the meeting. You will also have a few minutes during the meeting to say something about your display. Please call Mr. John Staples @ 966 1550.

Membership Profiles

Anyone wishing to provide a profile, please provide a photo and short write up of yourself. Send information to Mr. Dan Castellan.

Golf Tournament

The 10th Annual ASHRAE Windsor Golf tournament was a great event. We had 88 golfers attend the event on September 16, 2002. The event was a success due to the generosity of our Tournament sponsors Baymar Air Conditioning and York Engineered Systems.

The winning group was: **Frank Pelisek, Chris Hales, Dave Abdo and James Smith**. The Longest Drive competition was won by **Dave Abdo**. The Closet to the Pin Competition on Hole No. 6 was won by **Joseph Tarascio**. The Closet to the Pin Competition on Hole No. 10 was won by **Dave Abdo**. The Closet to the Pin Competition on Hole No. 12 was won by **Dan Smith**.

A special thanks to all who donated prizes and look forward to seeing everyone at next year's tournament.

James Smith
Golf Committee / Membership Chairman

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Oct. 10, 2002

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Miscellaneous**SCHEDULE OF MEETINGS
AND PROGRAMS****Monday, September 16, 2002**

Annual Golf Tournament at Beach Grove
Golf and Country Club

Tuesday, October 15, 2002

Henry Berman, National Sales Manager,
Trimed
Ultra Violet Radiation Systems
Control of Biological Growth in HVAC
Systems

Tuesday, November 19, 2002

Charley Seyffer, Camfilfarr
MIRV ratings

December ??, 2002

Social Night

Tuesday, January 21, 2003

Field trip to the salt mines

Tuesday, February 18, 2003

Gordon V.R. Holness, PE, Chairman
Emeritus, Albert Kahn Associates, Inc.
Topic to be determined at next BOG

Tuesday, March 18, 2003

Gordon Cooke, PE, Air Solutions Inc.
IAQ for commercial / industrial buildings

Wednesday, April 16, 2003

- Lilly Kazzilly's
- Phil Searle, CET, ITT Industries
- Variable speed drive pump
packages

Wednesday, May 21, 2003

- Beach Grove Golf Club
- Past Presidents Night
- Dr. David Ting - Student Night
- Engineering Student Project
Presentation

Announcements**TEGA Committee**

This month's meeting is TEGA night so if you have any projects that would suit submission for a TEGA award, please contact Bill Davies at 250-2355 or bdavies@uniongas.com

Do you have a pet peeve with one of the ASHRAE manual's chapters? We are going to review a chapter of one of ASHRAE's handbooks. Call Bill Davies if you have a suggestion.

Bill Davies

Technical, Energy & Government Affairs
Committee Chairperson



This years CRC was held in Ottawa and the attendees from left to right are as follows: Dan Castellan, Amir Fartaj, ASHRAE Society Vice-President, Stephan Ivesdel, Phil Bracewell,

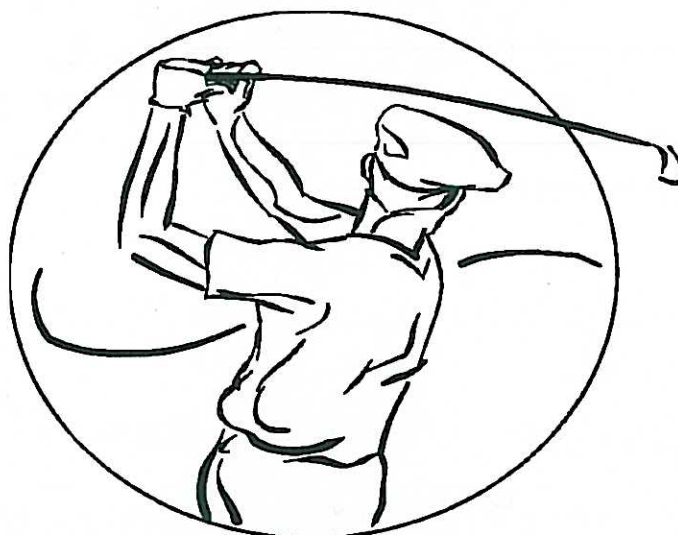
Editor's Corner

If anyone wishes to have the Newsletter sent by Email please send your request to: danc@uwindsor.ca

ASHRAE Society President, Don Colliver, John Staples, ASHRAE Headquarters - Atlanta Director of Membership Services, Carolyn Kettering, James Smith, Lorraine Grondin, Bill Davies and Region II DRC Jean Bundock.

**WINDSOR CHAPTER ASHRAE
PRESENTS
THE 10TH ANNUAL GOLF TOURNAMENT**

**2 x 2
PERSON
SCRAMBLE**



**MONDAY, SEPTEMBER 16, 2002
AT
BEACH GROVE GOLF & COUNTRY CLUB**

**GOLF & DINNER: \$165.00
DINNER (6:00): \$45.00**

FOR RESERVATIONS CONTACT:

**JAMES SMITH
WILSON, DARIO & ASSOCIATES
(519) 948-2600 Ext. 228 (PHONE)
(519) 948-2700 (FAX)**

**TEE OFF TIME
1:00 PM SHOT GUN START**

PRIZE DONATIONS ARE WELCOME

TOURNAMENT SPONSORS

BAYMAR SUPPLY LTD.

YORK
ENGINEERED SYSTEMS GROUP



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

WINDSOR ONTARIO CHAPTER

C/O BAYMAR A/C SUPPLY LTD.; 3200 JEFFERSON BLVD.; WINDSOR, ONTARIO N8W 2W8; (519) 974 5800

NEWSLETTER

Volume: 20

Issue: 1

To : Donald E. Winkup

Date : 25/08/2002

Company : Chrysler Canada

Fax Number : 9732613

Pages : 2

NEXT MEETING: **Monday Sept. 16, 2002 @ 5:30 pm**

BEACH GROVE GOLF & COUNTRY CLUB

9550 RIVERSIDE DR. E.; WINDSOR, ONTARIO; N9P 1A1; (519) 944 8332

FUTURE MEETINGS:

Sep. 16, 2002 - Beach Grove Golf Club

Oct. 15, 2002 - Lilly Kazzilly's

Nov. 17, 2002 - Lilly Kazzilly's

Dec. 17, 2002 - ??

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Feb. 18, 2003 - Lilly Kazzilly's

Mar. 18, 2003 - Lilly Kazzilly's

Apr. 15, 2003 - Lilly Kazzilly's

May 21, 2003 - Beach Grove

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President-Elect:	Mr. John Staples (966 1550)		Mr. James Smith (948 2600, x 228)
Treasurer:	Mr. Walter Marcon (974 5800)		Mr. Danny Castellan 253 3000, x2164)
Secretary:	Mr. Mason Hoppe (966 1550)		
Past-President:	Mr. Phil Bracewell (519 649 1700)		

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Membership:	Mr. Chris Racicot (251 0200)	TEGA:	Mr. William Davies (250 2355)
Program:	Mr. John Staples (966 1550)	Newsletter:	Mr. Danny Castellan 253 3000, x2164)
Reception:			

Members that do not golf are welcome for Dinner.
Please call James Smith for reservations.



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

WINDSOR ONTARIO CHAPTER

C/O BAYMAR A/C SUPPLY LTD.; 3200 JEFFERSON BLVD.; WINDSOR, ONTARIO N8W 2W8; (519) 974 5800

NEWSLETTER

Volume: 20 Issue: 3

To : Donald E. Winkup

Date : 14/11/2002

Company : Chrysler Canada

Fax Number : 9732613

Pages : 2

NEXT MEETING: **Tuesday Nov. 19, 2002 @ 5:30 pm**

LILLY KAZZILLY'S

9550 RIVERSIDE DR. E.; WINDSOR, ONTARIO; N9P 1A1; (519) 944 8332

FUTURE MEETINGS:

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May 21, 2003 - Beach Grove

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Reception:	Mr. Frank DiFazio (948 2600, x 229)	Newsletter:	Mr. Don Winkup 948 8314

Come out and support the Local Chapter



AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

ASHRAE

WINDSOR ONTARIO CHAPTER

c/o Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W 2W8

Nov. 13, 2002

Vol. 20 No. 3
Page 2 of 2

President Message

The attendance at the October meeting was down a little compared to other years, due to a number of factors. Hopefully attendance at our next meetings will rise to the levels of last year. For those of you who missed the meeting, Mr. Henry Berman of Trimed gave a very interesting talk on the control of biological growth in HVAC systems using ultraviolet radiation. He also dispelled some myths about the effectiveness of certain ultraviolet control systems in various applications. The talk generated a number of questions from our members.

We still have some openings for table top displays for this year for anyone interested in taking part. This is an excellent opportunity for a company to show off their product and speak to the group. Members wishing to take advantage of this opportunity should contact the executive now to secure their spot.

Once again, our chapter is holding Social (Ladies) Night. Details will be available shortly regarding the date and venue. We hope that as many as possibly will attend this evening of fellowship.

This month we have another excellent speaker that is sure to foster some good discussion. I look forward to seeing you there.

Lorraine Grondin
ASHRAE Windsor Chapter President

Guest Speaker

This months speaker will be Mr. Charlie Seyffer, Marketing Specialist for Camfil Farr. He lectures in specific markets with primary emphasis on the removal of airborne particulate and gaseous contaminants.

We like to thank Mr. Henry Berman, National Sales Manager from Trimed for being our Guest Speaker last month.

Table Top Display

This months Table Top Display will be from Steve Carpenter, P. Eng. of Enermodal Engineering. Display will be on the NRCan programs on Green Buildings.

Anyone wishing to display their company's products or services, we have several months still available starting in the new year. It will cost you only \$100 which includes dinner and you will be able display your material at the meeting and discuss with the attendees before and after the meeting. You will also have a few minutes during the meeting to say something about your display. Please call Mr. John Staples @ 966 1550.

Membership Profiles

Anyone wishing to provide a profile, please provide a photo and short write up of yourself. Send information to Mr. Dan Castellan.

Miscellaneous

SCHEDULE OF MEETINGS
AND PROGRAMS

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Charley Seyffer, Camfilfarr
MIRV ratings

December ??, 2002
Social Night

Tuesday, January 21, 2003
Field trip to the salt mines

Tuesday, February 18, 2003

Gordon V.R. Holness, PE, Chairman
Emeritus, Albert Kahn Associates, Inc.
Topic to be determined at next BOG

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IAQ for commercial / industrial buildings

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- Variable speed drive pump packages

Wednesday, May 21, 2003

- Beach Grove Golf Club
- Past Presidents Night
- Dr. David Ting - Student Night
- Engineering Student Project Presentation

Editor's Corner

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C/O BAYMAR A/C SUPPLY LTD.; 3200 JEFFERSON BLVD.; WINDSOR, ONTARIO N8W 2W8; (519) 974 5800

NEWSLETTER

Volume: 20

Issue: 3

To : Donald E. Winkup

Date : 27/11/2002

Company : Chrysler Canada

Fax Number : 9732613

Pages : 1

NEXT MEETING: **Wednesday Dec. 04, 2002 @ 6:00 pm**

WINDSOR RACEWAY

ASHRAE SOCIAL NIGHT

NIGHT AT THE RACES

Dinner at 6:30 & 7:30 pm

Post Time @ 7:30 pm

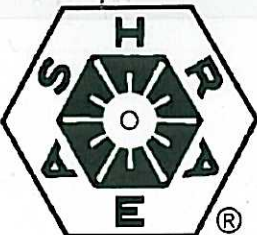
\$ 28.00 Per Person incl. all taxes & gratuities

Choice of Prime Rib, Breast of Chicken or Pickeral

Reserve tables of 4 or 6

Deadline Friday Nov. 29, 2002

Call Mr. Frank Pelisek @ 739 3088 or Fax: 739 3089



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

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NEWSLETTER

Volume: 20Issue: 3To : Donald E. Winkup

Date : 16/01/2003

Company : Chrysler Canada

Fax Number : 9732613

Pages : 2

NEXT MEETING: **Tuesday Jan. 21, 2003 @ 5:30 pm**
LILLY KAZZILLY'S

9550 RIVERSIDE DR. E.; WINDSOR, ONTARIO; N9P 1A1; (519) 944 8332

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Jan. 21, 2003 - Lilly Kazzilly's

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Reception:	Mr. Frank DiFazio (948 2600, x 229)	Newsletter:	Mr. Don Winkup 948 8314

Support your Chapter and come out to the Meetings



AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

ASHRAE**WINDSOR ONTARIO CHAPTER****c/o Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W 2W8****Vol. 20 No. 4****Page 2 of 2****Jan. 16, 2003****Guest Speaker**

This months speaker will be **Mr. Strat Padazis** of Air Solutions Inc. He will be speaking about IAQ for commercial / industrial buildings.

We like to thank **Mr. Charlie Seyffer**, Marketing Specialist from Camfil Farr for being our Guest Speaker last month.

Membership Profiles

Anyone wishing to provide a profile, please provide a photo and short write up of yourself. Send information to Mr. Dan Castellan.

Miscellaneous**SCHEDULE OF MEETINGS
AND PROGRAMS****Tuesday, January 21, 2003**

Speaker will be **Mr. Strat Padazis** of Air Solutions Inc. He will be speaking about IAQ for commercial / industrial buildings.

Tuesday, February 18, 2003

Location to be determined.
Speaker will be **Mr. Gordon V.R. Holness, PE**, Chairman Emeritus, Albert Kahn Associates, Inc. He will be presenting a paper on virtual reality demonstration based around a Hospital Operating Theatre allowing interactive development of the room.

Tuesday, March 18, 2003

- Lilly Kazzilly's
- **Phil Searle, CET**, ITT Industries
- Variable speed drive pump packages

Wednesday, April 16, 2003

Field trip to the salt mines

Wednesday, May 21, 2003

- Beach Grove Golf Club
- Past Presidents Night
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Editor's Corner

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NEWSLETTER

Volume: 20 , Issue: 3

To : Donald E. Winkup

Date : 06/02/2003

Company : Chrysler Canada

Fax Number : 9732613

Pages : 1

NEXT MEETING: **Tuesday Feb. 18, 2003 @ 6:00 pm**

HILTON HOTEL

GUEST SPEAKER: **Mr. GORDON HOLNESS**

COME OUT AND SUPPORT YOUR CHAPTER ON THIS SPECIAL EVENING.

OUR GUEST SPEAKER WILL BE Mr. GORDON HOLNESS, CHAIRMAN EMERTIS, ALBERT KAHN ASSOCIATES INC., A LONG STANDING MEMBER OF ASHRAE AND ONE OF THE MAJOR CONTRIBUTORS TO THE ASHRAE LEARNING INSTITUTE

Mr. HOLNESS WILL BR SPEAKING ON A PAPER HE WROTE ON:

**VIRTUAL REALITY DEMONSTRATION BASED AROUND A HOSPITAL
OPERATING THEATRE ALLOWING INTERACTIVE DEVELOPMENT OF THE
ROOM .**

COCKTAILS: 5:30 PM

DINNER: 6:30 PM

PRICE \$ 45.00 .

CALL JOHN STAPLES: 966-1550
BY FEB. 13

SPREAD THE WORD, BRING YOUR GUESTS, COME OUT AND MAKE THIS EVENING A SUCCESS
INVITATION HAVE GONE TO THE DETROIT, LONDON AND HAMILTON CHAPTERS

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

WINDSOR ONTARIO CHAPTER

C/O BAYMAR A/C SUPPLY LTD.; 3200 JEFFERSON BLVD.; WINDSOR, ONTARIO N8W 2W8; (519) 974 5800

**NEWSLETTER**Volume: 20 Issue: 3**To : Donald E. Winkup****Date : 12/02/2003****Company : Chrysler Canada****Fax Number : 9732613****Pages : 2****NEXT MEETING: Tuesday Feb. 18, 2003 @ 5:30 pm****HILTON HOTEL**

9550 RIVERSIDE DR. E.; WINDSOR, ONTARIO; N9P 1A1; (519) 944 8332

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Nov. 17, 2002 - Lilly Kazzilly's

Dec. 17, 2002 - Windsor Raceway

Jan. 21, 2003 - Lilly Kazzilly's

Feb. 18, 2003 - Hilton Hotel

Mar. 18, 2003 - Lilly Kazzilly's

Apr. 15, 2003 - Lilly Kazzilly's

May 21, 2003 - Beach Grove

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Program:	Mr. John Staples (966 1550)	Newsletter:	Mr. Danny Castellan 253 3000, x2164)
Reception:	Mr. Frank DiFazio (948 2600, x 229)	Newsletter:	Mr. Don Winkup 948 8314

We would like for all Chapter Member to make all efforts to attend this month Chapter meeting at the Hilton Hotel. We have the hounor to have a distinguished Speaker Mr. Gordon Holness speak to us. So, get out and support your Chapter and bring a guest to the Meeting.



AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

ASHRAE**WINDSOR ONTARIO CHAPTER****c/o Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W 2W8****Vol. 20 No. 5****Page 2 of 2****Feb. 13, 2003****President's Message**

This month's meeting promises to be a very exciting one! Gordon Holness from will be presenting a virtual reality demonstration based on a hospital operating theatre. Mr Holness and this topic were highlighted in the recent ASHRAE Journal. We had the pleasure of meeting Mr. Holness last year, when he was a guest at our meeting last February, with Mr. Bill Coad.

As with our meeting last February, many members from surrounding chapters, including Detroit, London and Hamilton, will be attending. The meeting will be held at the Hilton International Hotel. As with last year, this meeting will be one of the key events for the Windsor Chapter this season. I hope to see you all there!

Lorraine Grondin
Chapter President

Guest Speaker

This month's speaker will be **Gordon V.R. Holness, PE**, Chairman Emeritus, Albert Kahn Associates, Inc. He will be presenting a paper on virtual reality demonstration based around a Hospital Operating Theatre allowing interactive development of the room.

We like to thank **Mr. Strat Padazis** of Air Solutions Inc. for being our Guest Speaker last month.

Miscellaneous**SCHEDULE OF MEETINGS
AND PROGRAMS****Tuesday, March 18, 2003**

Field trip to the salt mines

Wednesday, April 16, 2003

- Lilly Kazzilly's
- **Phil Searle, CET**, ITT Industries
- Variable speed drive pump packages

Wednesday, May 21, 2003

- Beach Grove Golf Club
- Past Presidents Night
- Dr. David Ting - Student Night
- Engineering Student Project Presentation

**MEMORIAL MESSAGE
FRED SMITH**

It is with deep sympathy that we announce the passing of Mr. Fred Smith on January 28, 2003. Fred was a Life member of the Windsor Construction Association, owner of Windsor mechanical Contractors Ltd., past president and life member of the Mechanical Contractors Association and a founding member of the ASHRAE Windsor Chapter.

Article**RRSP Time Is Now**

The 2003 RRSP contribution deadline of March 1, 2003 is fast approaching. If you have not yet made your RRSP contribution or have unused RRSP contribution room, you should consider maximizing your contribution for the 2003 tax year.

Capital Gains in an RRSP

The introduction of the reduced capital gains inclusion rate to 50% has many RRSP investors wondering whether to hold all capital gains outside an RRSP.

By comparing the after-tax proceeds of a \$10,000 equity investment that increases by 8% per year both in an RRSP and an investment account over a 20 year period. Both the investment growth in the RRSP and the original contribution will be taxed at the individual's top marginal tax rate (assume 48%) when the funds are withdrawn from the RRSP. With the non-RRSP investment, capital gains tax at approximately 24% (50% of the individual's top marginal rate) will be payable on the gain when the investment is sold.

Although the non-RRSP investment initially comes out ahead, the original \$10,000 RRSP contribution would have generated a tax refund of \$4,800 that could have also been invested outside an RRSP. If the \$4,800 refund also increases by 8% per year and is taxed at 24 % when sold, there is an additional \$18,100 after 20 years. This means the total RRSP investment return should be calculated as \$24,232 plus \$18,100 for total net proceeds of \$42,332.

When planning your overall portfolio, your investment advisor will work with you to develop an asset mix that best suits your needs, both for your RRSP and your non-RRSP accounts.

We like to thank BMO Nesbitt Burns for providing this article.

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AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

ASHRAE

WINDSOR ONTARIO CHAPTER

c/o Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W 2W8

Vol. 20 No. 7

Page 2 of 2

Mar. 12, 2003

Guest Speaker

This months speaker will be Mr. Art Doramajian, President of Energie Inovation Inc. His topic will be: Desiccant Dehumidification Operation and Applications. His specialty is hockey arenas.

Excess humidity in an ice arena not only impairs visibility but it can also affect the quality of ice, maintenance of the building and operating load of the refrigeration plant, just to name a few. In the past, mechanical refrigeration units were installed to remove the excess moisture. High operating costs and costly compressor failures have been taken as a cost of keeping conditions ideal. As desiccant dehumidification technology has been in use for over 10 years now, sophisticated design firms are now recommending this type of unit to their clients.

Art Doramajian has been in the energy conservation business since 1991. In his roles with Ontario Hydro and Honeywell Art has studied energy applications and presented life cycle cost proposals. In his current position as president of Energie Innovation he has focussed his study to the ice arena application. Art will discuss in detail the benefits of humidity control to this specialized application (and other similar applications) as well as a technical comparison of the two technologies.

We like to thank Gordon V.R. Holness, PE, Chairman Emeritus, Albert Kahn Associates, Inc. for being our Guest Speaker last month.

Miscellaneous

SCHEDULE OF MEETINGS AND PROGRAMS

Tuesday, March 18, 2003

- Lilly Kazzilly's
- Mr. Art Doramajian, President of Energie Inovation Inc.
- Desiccant Dehumidification Operation and Applications.

Wednesday, April 16, 2003

- Lilly Kazzilly's
- Phil Searle, CET, ITT Industries
- Variable speed drive pump packages

Wednesday, May 21, 2003

- Beach Grove Golf Club
- Past Presidents Night
- Dr. David Ting - Student Night
- Engineering Student Project Presentation

Article

The Herd Mentality

In these days of instability In the equity market it seems like everyone has an opinion. Ask anybody - friends, family, acquaintances - what they think you, ought to be doing about the market based investments in your retirement savings portfolio, and they'll tell you. At length, You'll hear all the latest pop financial strategies, the most recent opinions of self described business "experts-, and maybe even a few brand-new investment theories invented for you right there on the spot. There's never any shortage of people who, know exactly what you ought to be doing with your money !

Most of these suggestions have two major characteristics in common. On the one hand, they sound reasonable and often persuasive. On the other hand, they're dead wrong.

Because in the long run there's only one financial strategy mat has historically paid off: a long-term commitment to staying in the market.

Sometimes doing that isn't easy. It takes a determined individual to resist the clamour of well-intentioned advice from all around us. But as every savvy investor knows, following the crowd is almost always a bad idea!

The reason is simple. Trying to second guess the market is almost a never good idea. Markets move up and down, and in the short run they sometimes appear to fly all over the place. Over time, though for most investments the long term trend is steadily upward. During the twentieth century the stock market took some terrible beatings -wars, depression crises - but over the long run it showed consistent resilience and steady growth. Investors who set their goals and stayed the course were the ones who came out winners.

In the end, Investing is not that much different from the rest of life. They both reward the same kind of personal qualities. In Investing (as in life) the winners are the ones who show perseverance, determination and strength of purpose.

We like to thank *BMO Nesbitt Burns* for providing this article.

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

WINDSOR ONTARIO CHAPTER

C/O BAYMAR A/C SUPPLY LTD.; 3200 JEFFERSON BLVD.; WINDSOR, ONTARIO N8W 2W8; (519) 974 5800

NEWSLETTER

Volume: 20

Issue: 7

To : Donald E. Winkup

Date : 11/03/2003

Company : Chrysler Canada

Fax Number : 9732613

Pages : 2

NEXT MEETING: **Tuesday Mar. 18, 2003 @ 5:30 pm**

Lilly Kazzilly's

9550 RIVERSIDE DR. E.; WINDSOR, ONTARIO; N9P 1A1; (519) 944 8332)

FUTURE MEETINGS:

Sep. 16, 2002 - Beach Grove Golf Club

Oct. 15, 2002 - Lilly Kazzilly's

Nov. 17, 2002 - Lilly Kazzilly's

Dec. 17, 2002 - Windsor Raceway

Jan. 21, 2003 - Lilly Kazzilly's

Feb. 18, 2003 - Hilton Hotel

Mar. 18, 2003 - Lilly Kazzilly's

Apr. 15, 2003 - Lilly Kazzilly's

May 21, 2003 - Beach Grove

Chapter Officers and Board of Governors:

President:	Mrs. Lorraine Grondin (800 571 8446, x2970)	B of G:	Mr. Greg Dufour (974 5800)
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COME OUT AND SUPPORT LOCAL CHAPTER
BRING A GUEST AS WELL !!!



AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

ASHRAE**WINDSOR ONTARIO CHAPTER****c/o Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W 2W8****Vol. 20 No. 8****Page 2 of 2****April 10, 2003****President's Message**

Now that spring has arrived, the executive is starting to plan for next year's activities. As part of this planning, we would like invite nominations for next year's Board of Governors. This includes any of the positions on the board, such as the different committee chairs (TEGA, Student Activities, Membership, Programs, History), Governor as well as the executive (Secretary, Treasurer, Vice President and President). If you, or someone you know, is interested in being more involved with the Windsor Chapter of ASHRAE, please contact one of the Board members.

Lorraine Grondin

President - ASHRAE Windsor Chapter

Guest Speaker

This months speaker will be **Mr. Phil Searle**, CET, ITT Industries. Mr Searle will be speaking on Variable speed drive pump packages.

We like to thank **Mr. Art Doramajian**, President of Energie Inovation Inc. on his topic Desiccant Dehumidification Operation and Applications for being our Guest Speaker last month.

Miscellaneous**SCHEDULE OF MEETINGS
AND PROGRAMS****Wednesday, April 16, 2003**

- Lilly Kazzilly's
- **Phil Searle, CET**, ITT Industries
- Variable speed drive pump packages

Wednesday, May 21, 2003

- Beach Grove Golf Club
- Past Presidents Night
- Dr. David Ting - Student Night
- Engineering Student Project Presentation

**ASHRAE LONDON & AREA
GOLF TOURNAMENT**

Tournament is scheduled for **Monday June 2, 2003 at Forest City National, 16540 Robin Hill Road, London, Ont.** Cost is only \$135.00 each (includes a light lunch, scramble round on a 4 star course, golf cart, buffet dinner).

For reservations, please contact PALSER ENTERPRISES LIMITED, (phone: 519-471-9382 fax: 519-471-1049 email: palserent@primus.com).

A signup sheet can be found at:
<http://www.execulink.com/~tpollard/ashrae.html>

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

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C/O BAYMAR A/C SUPPLY LTD.; 3200 JEFFERSON BLVD.; WINDSOR, ONTARIO N8W 2W8; (519) 974 5800

NEWSLETTER

Volume: 20

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To : Donald E. Winkup

Date : **11/04/2003**

Company : Chrysler Canada

Fax Number : 9732613

Pages : 2

NEXT MEETING: Wednesday April 16, 2003 @ 5:30 pm

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9550 RIVERSIDE DR. E.; WINDSOR, ONTARIO; N9P 1A1; (519) 944 8332

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Please note there is date change
Meeting is on a
WEDNESDAY



AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

ASHRAE

WINDSOR ONTARIO CHAPTER

c/o Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W 2W8

May 14, 2003

Vol. 20 No. 9

Page 2 of 2

President's Message

On behalf of the 2002/2003 ASHRAE Board of Governors, I would like to thank all of you for helping to make this another successful year for the Windsor Chapter. There were a number of very interesting speakers and we were able to accomplish a great deal. Some of the accomplishments this year included sponsorship of the Windsor Regional Science Fair as well as having a student at the University of Windsor being the recipient of three separate ASHRAE awards. As we attend the last meeting of the season, which honours the accomplishments of our students, as well as the contributions of our past presidents, I am confident that your dedication and support of ASHRAE will continue to make this chapter a successful one!

Lorraine Grondin

President - ASHRAE Windsor Chapter

Guest Speaker

This month's speakers will be the University of Windsor Engineering Department Student Project Presentations.

We like to thank **Mr. Phil Searle**, CET, ITT Industries, on his topic Variable speed drive pump packages, for being our Guest Speaker last month.

Miscellaneous

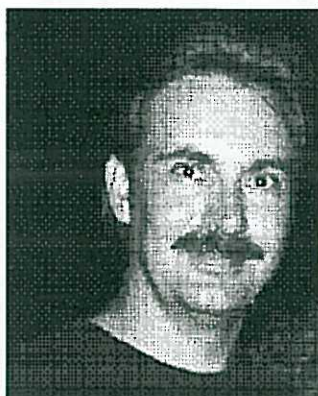
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A signup sheet can be found at: <http://www.execulink.com/~tpollard/ashrae.html>

BIOGRAPHICAL RECORD



James Smith - Windsor, Ontario

James A. Smith, P. Eng. was born on September 14, 1967 in Windsor, Ontario, Canada. James obtained his Bachelor of Applied Science in Mechanical Engineering at the University of Windsor in 1991 and became a member of Professional Engineers Ontario (PEO) in 1993.

ASHRAE Experience

James joined the American Society of Heating, Refrigerating and Air Conditioning Engineers as an associate member in 1993 and was assigned a grade of member in 1995. He has held various positions in the Windsor Chapter such as:

1. Secretary 2001/02
2. Membership Chairman 2001/02 and 2002/2003

3. CRC (Windsor) Vice Chairman - 2000
4. Board of Governors - 1998/99 thru 2001/02
5. Research Chairman - 1997/98
6. President - 1996/97,
7. President Elect/Programs - 1995/96
8. Secretary - 1994/95
9. Membership Chairman - 1995/96 and 1994/95
10. Reception Chairman - 1993/94

Work Experience

Upon completion of University, James was employed with the firm Vanderwesten & Rutherford (London, Ontario) as a junior engineer. In 1992 James accepted a design engineering position with the firm Wilson, Dario & Associates in Windsor, Ontario. In June of 1999 he became a partner in Wilson, Dario & Associates.

James has participated in a variety of engineering projects throughout his career. In 2001 James served as Project Manager/Engineer on a major chilled water retrofit project at the University of Windsor in Windsor, Ontario. Another example would be serving as Project Manager/Engineer in 1997 on a Plant Utilities Upgrade at Kautex Textron in Windsor, Ontario.

James is currently registered as a Professional Engineer and a Designated Consulting Engineer in the Province of Ontario and resides with his family in Windsor.

Submitted by the Chapter Historian Mr. Don Winkup

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

WINDSOR ONTARIO CHAPTER

C/O BAYMAR A/C SUPPLY LTD.; 3200 JEFFERSON BLVD.; WINDSOR, ONTARIO N8W 2W8; (519) 974 5800

NEWSLETTER

Volume: 20

Issue: 8

To : Donald E. Winkup

Date : 15/05/2003

Company : Chrysler Canada

Fax Number : 9732613

Pages : 2

NEXT MEETING: **Wednesday May 21, 2003 @ 5:30 pm**

Beach Grove Golf Club

0 RIVERSIDE DR. E.; WINDSOR, ONTARIO; N9P 1A1; (519)

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Reception:	Mr. Frank DiFazio (948 2600, x 229)	Newsletter:	Mr. Don Winkup 948 8314

PAST PRESIDENT'S NIGHT

All the Past President's please make an effort to attend
B.B.Q

CHAPTER ROSTER

2001 - 2002



**AMERICAN SOCIETY OF HEATING, REFRIGERATING
AND
AIR-CONDITIONING ENGINEERS, INC**

**REGION II
CHAPTER 141
WINDSOR, ONTARIO
CANADA**



AMERICAN SOCIETY OF HEATING,
REFRIGERATING AND AIR-CONDITIONING
ENGINEERS, INC.

CHAPTER 141, WINDSOR, ONTARIO

Chapter Roster 2001–2002

CHAPTER OFFICERS AND BOARD OF GOVERNORS

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President Elect
Secretary
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Mr. Philip Bracewell
Mrs. Loraine Grondin
Mr. James Smith
Mr. John Staples

Board of Governors

Mr. Dan Castellan
Mr. Greg Dufour
Mr. James A. Smith

CHAPTER COMMITTEE CHAIRPERSON

Student Activities
T.E.G.A.
Program
Historian
Membership
Newsletter
Research Promotion
Special Events

Mr. David Ting
Mr. Stewart Lockhart
Mrs. Loraine Grondin
Mr. Donald Winkup
Mr. James Smith
Mr. Dan Castellan
Mr. Ken Thompson
Mr. James Smith



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Mr. Ken Wilson	1999-2000
Mr. Brian Dayus	1998-1999
Mr. Greg Dufour	1997-1998
Mr. James Smith	1996-1997
Mr. Frank Frabotta	1995-1996
Mr. Steve Koutsonicolas	1994-1995
Mr. Donald Winkup	1993-1994
Mr. Tom McDonald	1992-1993
Mr. Greg Black	1991-1992
Mr. Greg Dufour	1990-1991
Mr. William Colborne	1989-1990
Mr. William Colborne	1989
Mr. Jerry Lavender	1988
Mr. Christopher Hales	1987-1988
Mr. Lou Panontin	1986-1987
Mr. Danny Castellan	1985-1986
Mr. Mark Benedet	1984-1985
Mr. Frank Pelisek	1983-1984



-A-

1. MR. ART AVIAN

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2. MR. JOHN AZZOPARDI

PARTNER

BAYMAR A/C SUPPLY LTD
3200 JEFFERSON BLVD.
WINDSOR, ON
PH - 519/974-5800
FAX - 519/974-5803
EMAIL – jazzopardi@mnsi.net

-B-

3. MR. KEITH A. BEATY

TECHNICIAN/ MECHANIC

HONEYWELL SYSTEMS & SERVICES
3096 DEVON DR
WINDSOR ON N8S 3C5
PH – 519/250-2000
FAX – 519/250-2004

4. MR. CHRIS E BEUGLET

RESEARCH/ DEVELOPMENT

UNION GAS LTD
50 KEIL DR N
CHATHAM ON N7M 5M1
PH - 519/352-3100

5. MR. GREGORY T BLACK

DEPARTMENT HEAD

ENBRIDGE GAS NEW BRUNSWICK
440 WILSEY ROAD SUITE 203
FREDERICTON NB E3B 7G5
PH - 506/457-7729
FAX - 506/452-2868

6. MR. PHILIP BRACEWELL

SALES ASSOCIATE

ENGINEERED AIR
60 MEG DR., UNIT 1
LONDON ON N6E 3T6
PH - 519/649-1700
FAX - 519/649-1707
EMAIL – enga.lon@sympatioco.ca



Chapter Roster

-
7. **MR. RONALD BRIDGWATER** **DESIGNER**
R P SCHERER HARDCASTLE
190 DEVON DRIVE
WINDSOR ON N8X 4L2
PH - 519/969-7845
FAX - 519/969-0061
- C-
8. **MR. STEVE CAMPBELL** **PROJECT MANAGER**
HONEYWELL LTD
3096 DEVON DR
WINDSOR ON N8S 3C5
PH - 519/250-2000
FAX - 519/250-2004
EMAIL -stephen.campbell@honeywell.com
9. **MR. DANNY CASTELLAN** **PROJECT ENGINEER**
UNIVERSITY OF WINDSOR
CHRYSLER HALL, 401 SUNSET AVE.
WINDSOR ON N9B 3P4
PH - 519/253-3000 X 2164
FAX - 519/561-1404
EMAIL - danc@uwindsor.ca
10. **MR. JAN CHEUNG** **APPLICATION ENGINEER**
BUILDING TECH ASSOC'S
21850 GREENFIELD RD
OAK PARK MI 48237-2553
PH - 248/967-4600
FAX - 248/967-4640
11. **MR. GERALD CHEVALIER** **PRESIDENT**
CHEVALIER ENGINEERING & ASSOC.
12. **MR. WILLIAM COLBORNE** **RETIRED**



13. MRS. D. COURTEMANCHE-CULLEN

HEALTH & SAFETY COORDINATOR
FAHRHALL MECHANICAL
CONTRACTORS
4185 CONCESSION 7 RR
WINDSOR ON N9A 6J3
PH - 519/969-7822
FAX - 519/972-1525

-D-

14. MR. NEL DARIO

CONSULTANT
WILSON, DARIO & ASSOCIATES
3200 DEZIEL DRIVE BLDG SUITE 308
WINDSOR ON N8W 5K8
PH - 519/948-2600 X 225
FAX - 519/948-2700
EMAIL – wda@wilsondario.ca

15. MR. ALLAN DAVIDSON

PARTNER
DAVID A MCLEAN & ASSOC. INC
330 RICHMOND ST STE 200
CHATHAM ON N7M 1P7
PH - 519/351-8155
FAX - 519/351-8183

16. MR. STEPHEN DAVIES

SALES ENGINEER
PLASCO MANUFACTURING LTD
171 ADVANCE BLVD UNIT 22
BRAMPTON ON L6T 4Z6
PH - 905/791-9949
FAX - 905/791-5426

17. MR. WILLIAM DAVIES

SALES PERSON
UNION GAS LTD
650 DIVISION RD
WINDSOR ON N9A 6N7
PH - 519/250-2355
FAX - 519/250-2224



Chapter Roster

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DAYUS REGISTER & GRILLE INC
2479 HOWARD AVE
WINDSOR ON N8X 3V7
PH - 519/252-0227
FAX - 519/252-0245

19. MR. DAVE DEROCHE**SERVICE MANAGER**

HONEYWELL LTD
3096 DEVON DR
WINDSOR ON N8S 3C5
PH - 519/250-2000
FAX - 519/250-2004
EMAIL - dave.deroche@honeywell.com

20. MR. GARY DESILETS**MECHANICAL ENGINEER**

STANTEC CONSULTING
3260 DEVON DRIVE
WINDSOR ON N8X 4L4
PH - 519/966-2250
FAX - 519/966-5523
EMAIL - gdesilets@stantec.com

21. MR. FRANK DIFAZIO**MECHANICAL ENGINEER**

WILSON, DARIO & ASSOCIATES
3200 DEZIEL DRIVE BLDG SUITE 300
WINDSOR ON N8W 5K8
PH - 519/948-2600 X 225
FAX - 519/948-2700
EMAIL - fdifazio@wilsondario.ca

22. MR. GREGORY DUFOUR**PARTNER**

BAYMAR A/C SUPPLY LTD
3200 JEFFERSON BLVD
WINDSOR ON N8T 2W8
PH - 519/974-5800
FAX - 519/974-5803
EMAIL - gdufour@mnsi.net



-F-

23. MR. SAYED AMIR FARTAJ

PROFESSOR
MECHANICAL ENGINEERING
DEPARTMENT
UNIVERSITY OF WINDSOR
WINDSOR ON N9B 3P4
PH - 519/253-3000
FAX - 519/561-1404
EMAIL – fartaj@uwindsor.ca

24. MR. RENZO FERRERA

DESIGNER
COLLIN FERRERA ENGINEERING
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PH - 519/336-5519
FAX - 519/344-7414

25. MR. MALCOLM FLEMING

VICE PRESIDENT
L J FLEMING LTD

26. MR. LARRY FODOR

FACILITIES ENGINEER
BEAUMONT SERVICES LLC

27. MR. FRANK FRABOTTA

PARTNER
BAYMAR A/C SUPPLY LTD
3200 JEFFERSON BLVD
WINDSOR ON N8T 2W8
PH - 519/974-5800
FAX - 519/974-5803
EMAIL – ffrabota@mnsi.net



-G-

28. MR. JOHN GAZO

PRESIDENT
ACCU-AIR BALANCE CO (1991) INC
763 WALKER RD
WINDSOR ON N8Y 2N2
PH - 519/256-4543
FAX - 519/256-4544

29. MR. CHARLES GERAEDTS

PRESIDENT
CANADA CONTRACTORS & MANG
LIMITED
534 RD #2 WEST
KINGSVILLE ON N9Y 2E4
PH - 519/733-6701
FAX - 519/733-6703

30. MR. PHILIP GLOS

BUILDING & PLANNING SERVICES
CITY OF WINSOR
P O BOX 1607
WINDOR ON N9A 6S1
PH - 519/255-6267
FAX - 519/255-7170

31. MRS. LORRAINE GRONDIN

SALES PERSON
UNION GAS LTD
50 KEIL DRIVE
CHATHAM, ONTARIO N7M5M1
PH - 1800/571-8446 X 2970
FAX - 519/436-5310
EMAIL - lgrondin@uniongas.com

-H-

32. MR. CHRISTOPHER HALES

PRESIDENT
WILSON DARIO & ASSOCIATES
3200 DEZIEL DRIVE SUITE 308
WINDSOR ON N8W 5K8
PH - 519/948-2600 X 223
FAX - 519/948-2700
EMAIL - chales@wilsondario.ca



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|---------------------------------|---|
| 33. MR. JAIMIE HANDSCOMB | PROJECT ENGINEER
DESIGN SYSTEMS CANADA
3200 DEZIEL DR ST-316
WINDSOR ON N8W 5K8
PH - 519/258-0804
FAX - 519/258-0428 |
| 34. MR. MURRAY HENRY | SALES ENGINEER
H & E COMFORT CONTROLS LTD
3080 RADISSON AVE
WINDSOR ON N9E 1Y5
PH - 519/972-3611
FAX - 519/354-3617 |
| 35. MR. MASON HOPPE | SALES PERSON
BRYANT HEATING & COOLING
3194 DEVON DR
WINDSOR ON N8X 4L2
PH - 519/966-1550
FAX - 519/966-6286
EMAIL – Bryant@wincom.net |
| 36. MR. ANDREW HRUTKA | DESIGNER / ESTIMATOR
FAHRINGER MECHANICAL
CONTRACTOR
1685 ROSSI DR
WINDSOR ON N9A 6J3
PH - 519/737-7254
FAX - 519/737-7345
EMAIL – ahrutka@hvaccanada.net |
| -J- | |
| 37. MR. JOHN JONES | PRESIDENT
CALTAB AIR BALANCE INC
PO BOX 3
ESSEX ON N8M 2Y1
PH - 519/259-1581
FAX - 519/839-5878 |



-K-

38. MR. S. KOUTSONICOLAS

CORPORATE OFFICER

K A S ENGINEERING
12189 OLIVER DRIVE
TECUMSEH ON N8N 3G8
PH - 519/739-2523
FAX - 519/739-2523

39. MR. S. LEN KUPISZ

ASSOCIATE

WILSON DARIO & ASSOCIATES
3200 DEZIEL DR STE 308
WINDSOR ON N8W 5K8
PH - 519/948-2600 X 235
FAX - 519/948-2700
EMAIL – lkupisz@wilsondario.ca

-L-

40. MR. DAN LARIVIERE

PRESIDENT

L.M.C. LTD
2680 #2 OUELLETTE AVE
WINDSOR ON N8X 1L7
PH - 519/969-9919
FAX - 519/969-9942

41. MR. JERALD LAVENDER

PRESIDENT

AIRWASO LIMITED
1003 ALDERSBROOK ROAD
LONDON ON N6G 4L8
PH - 519/657-4968

42. MR. STEWART LOCKHART

SALES ENGINEER

TRANE CANADA
8 BELLEISLE COURT
LONDON ON N5V 4L2
PH - 519/256-7922
FAX - 519/453-3024
EMAIL – stlockhart@trane.com



43. MR. JAMES LORENZEN

PRESIDENT
LORENZEN ENGINEERING
CORPORATION
27 PARRY DRIVE
CHATHAM, ONTARIO N7L 2H7
PH - 1800/571-8446
FAX - 519/436-5310

-M-

44. MR. IAN MACGREGOR

PRESIDENT
MACGREGOR-SUMNER LTD

45. MR. WALTER MARCON

SALES ENGINEER
BAYMAR A/C SUPPLY LTD
3200 JEFFERSON BLVD
WINDSOR ON N8T 2W8
PH - 519/974-5800
FAX - 519/974-5803
EMAIL - wmarcon@mnsi.net

46. MR. PAUL MASTRONARDI

OWNER
LEKTER INDUSTRIAL SERVIC. INC
500 MARKHAM RD RR1
BELLE RIVER ON N0R 1A0
PH - 519/727-3713
FAX - 519/727-6176

47. MR. CRAIG McNAB

REGIONAL MANAGER
R.G. DOBBINS SALES LIMITED
230 WILDCAT ROAD
DOWNSVIEW ON M3J 2N5
PH - 519/622-5716
FAX - 519/622-8304

48. MR. LARRY MILLS

SALES ENGINEER
EFI-IRONROSS
443 EXMOUTH ST STE 205
SARNIA ON N7T 5P2
PH - 519/344-1940
FAX - 519/344-0980



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|---------------------------------|---|
| 49. MR. CAMERON MONTROSE | PRESIDENT
MONTROSE ENG. SERVICES LTD
2901 OTTAWA ST STE 300
WINDSOR ON N8Y 1R8
PH - 519/254-3382
FAX - 519/254-4436 |
| -P- | |
| 50. MR. LOU PANONTIN | CORPORATE OFFICER
SOUTHERN MECHANICAL
CONTRACTORS
3194 DEVON DR
WINDSOR ON N8X 4L2
PH - 519/969-1722 |
| 51. MR. RAYMOND PAYNE | APPLICATION ENGINEER
CHATHAM KENT PUB. UTIL. COM.
PO BOX 70
CHATHAM ON N7M 5K2
PH - 519/352-6300
FAX - 519/351-4059 |
| 52. MR. FRANK PELISEK | PRESIDENT
PELISEK & ASSOCIATES |
| | |
| 53. MR. STEVE PUSIC | CHIEF ESTIMATOR
THE STATE GROUP
2425 CENTRAL AVE
WINDSOR ON N8W 4J4
PH - 519/251-0051
FAX - 519/251-0440 |



-S-

54. MR. HENRI SANTAVICCA

VICE-PRESIDENT
FAHRHALL MECHANICAL
CONTRACTORS
4185 CONCESSION 7 RR 1
WINDSOR ON N9A 6J3
PH - 519/969-7822
FAX - 519/969-5448

55. MR. ERIC SCHRAML

DESIGN ENGINEER
WARDROP ENGINEERING INC
725 HEWITSON ST
THUNDER BAY ON P7B 6B5
PH - 807/625-7593
FAX - 807/345-8708

56. MR. JAMES SMITH

PARTNER
WILSON DARIO & ASSOCIATES
3200 DEZIEL DRIVE SUITE 308
WINDSOR ON N8W 5K8
PH - 519/948-2600 x 228
FAX - 519/948-2700
EMAIL – jsmith@wilsondario.ca

57. MR. JOHN STAPLES

DEPARTMENT HEAD
BRYANT HEATING & COOLING LTD
3194 DEVON DR
WINDSOR ON N8X 4L2
PH - 519/966-1550
FAX - 519/966-6286
EMAIL – bryant@wincom.net

58. MR. GARY STRUHAR

TECHNICIAN/ MECHANIC
HONEYWELL LTD
3096 DEVON RD
WINDSOR ON N8X 4L2
PH- 519/250-2000
FAX - 519/250-2004



Chapter Roster

59. MR. PETER STEFFES

CORPORATE OFFICER

IDEAL HEATING & COOLING LTD
1900 WORTH TALBOT RD RR
WINDSOR ON N9A 6J3
PH - 519/737-6797
FAX - 519/737-7200

-T-

60. MR. KENNETH THOMPSON

SALESPERSON

HONEYWELL LTD
3096 DEVON RD
WINDSOR ON N8X 4L2
PH- 519/250-2000
FAX - 519/250-2004
EMAIL – ken.thompson@honeywell.com

61. MR. DAVID TING

PROFESSOR

MECHANICAL & MATERIALS ENGG
UNIVERSITY OF WINDSOR
401 SUNSET AVE
WINDSOR ON N9B 3P4
PH - 519/253-3000
FAX - 519/973-7007
EMAIL – dting@uwindsor.ca

-W-

62. MR. KENNETH G WILSON

PRESIDENT

KENWIL SERVICES LTD
3965 RUSSELL
WINDSOR ON N9C 1E9
PH - 519/977-7919
FAX - 519/977-5287

63. MR. DONALD WINKUP

SELF EMPLOYED / OWNER