

Capital

RECEIVED
OCT 10 1996

Communiqué

JOHNSON CONTROLS LTD.
OTTAWA, ONTARIO

AMERICAN SOCIETY OF
HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS

OCTOBER 1996

PROGRAM

- DATE:** October 15, 1996
- THEME:** AWARDS AND RESEARCH PROMOTION
- SPEAKERS:** DR. WARNOCBE - Plenum Sound Power from terminal units, radiated thru ceilings. Dispel some myths and confirm the truthfulness of the fine print at the bottom of the page for VAU box ratings.
DR. G. LOUGHEED - Design approach for exhaust of smoke from atriums, to allow for design of mechanical ventilation systems to effectively remove smoke.
- SUBJECT:** ASHRAE RESEARCH FUNDS AT WORK IN THE OTTAWA VALLEY

The National Research Council of Canada and ASHRAE Research have a long and mutually beneficial relationship. ASHRAE Research has provided funding to NRC for 10 projects covering topics such as: Smoke Control for Building Fires, Heat Transmission thru Building Components, Sound Transmission From HVAC Equipment, Combustion Efficiencies.

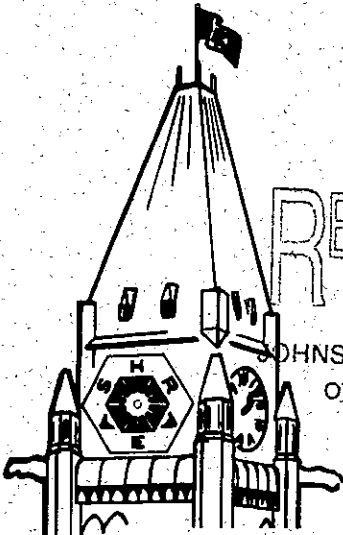
The evening program validates the effectiveness of contributions to ASHRAE Research Canada with examples of applications of NRC Research to problems encountered on a daily basis in the HVAC&R industry.

MENU (BBQ)

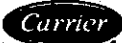



- Tossed Salad with Choice of Dressing, Pasta Salad,
- Coleslaw, Bean Salad, Vegetarian Lasagna,
- Hellenic Boneless Breast of Chicken
- Dinner Rolls and Butter, Assorted French Pastries, Coffee and Tea
- Buffet dinner with served dessert and coffee

SOCIAL - 17:30 Hrs
DINNER - 18:30 - 20:00 Hrs
PROGRAM - 20:00 Hrs

Hellenic Banquet and
Conference Centre
1315 Prince of Wales Drive



- President**
Gemma Kerr
- President-Elect**
Karen Peck
- Secretary**
Pierre Scott
- Treasurer**
Dale Gaudet
- Past President**
David Eastwood
- Governors**
Frank Bann
Cathy Godin
Craig Pickering
Joël Primeau
Micheal Swayne
- COMMITTEES**
- Audit**
Chris Frauley
- Research**
David Eastwood
- Membership**
Frank Bann
- Program**
Bob Kilpatrick
- Refrigeration**
Eric Van Benschoten
- Student Activities**
David Bradley
- TEGA**
Phil Mayfield
- Chapter Historian**
Paul Baker
- Special Events**
Chris Healey
- Communiqué**
Rod Lancelfield
- Publicity**
Paul LaRochelle
- Table Top**
Randy Cavill
- Telephone**
Martin Carrière
- Greeters**
Lan Chi Nguyen Thi
- Roster**
Robin Craig
- Home Page**
Gabriel Laszlo
- Al Oakes Award**
David Eastwood
- Nominations**
Subash Vohra
- CRC Action**
Karen Peck

 <p>RODERICK J. LANCEFIELD, P.Eng. Territory Manager Capital Region</p> <hr/> <p>CARRIER CANADA LIMITED Baxter Centre, 1050 Baxter Road, Ottawa, Ontario K2C 3P1 Tel: (613) 820-7810 Fax: (613) 820-8482 Watts: 1-800-551-8385 Cal: (613) 761-2760</p>	 <p>WALMAR VENTILATION PRODUCTS MANUFACTURERS, AGENTS & DISTRIBUTORS</p> <p>RANDY CAVILL, C.E.T. Vice-President</p> <p>TEL: (613) 225-9774 FAX: (613) 225-2972 24 GURDWARA ROAD, NEPEAN, ONTARIO. K2E 8B5</p>	 <p>MODERN MECHANICAL INC. MECHANICAL CONTRACTORS & ENGINEERS</p> <p>John R. McAninch, P.Eng. PRESIDENT</p> <p>85 Denzil Doyle Court, Kanata, Ontario K2M 2G8 Tel.: (613) 591-7505 Fax: (613) 591-1523 e-mail: modernmech@igs.net</p>	 <p>X-L-AIR MECHANICAL CONTRACTORS</p> <p>1357 Second Line Road Fax: 613-839-1803</p>
---	--	--	---

PRESIDENT'S MESSAGE

Here we are in October and I have been president for nearly half a year! There have been occasional problems, but the thing that has struck me most is the willingness and dedication of the Board and other volunteers to make the Chapter an interesting and useful organization for its members.

One of our themes this month is awards, where we will be recognizing people who have contributed to the success and wellbeing of the Chapter.

Before closing, I should also say I find our Chapter members great people to drink beer with. Life's not worthwhile unless you can enjoy it too!

Your President,
Gemma Kerr
Phone: 745-3493
Fax: 745-3154

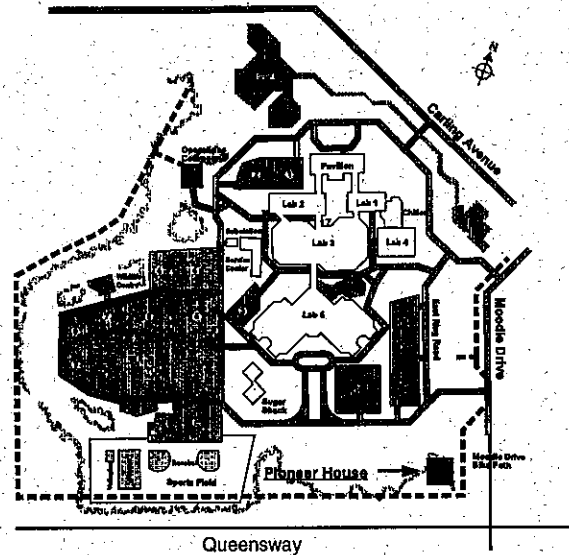
TECHNICAL SESSION




TOUR: NORTEL,
Northern Telecom
Lab & Research Facility, Cleanrooms
3500 Carling Avenue

TIME: 4:30 p.m. sharp

WHERE: West Parking Lot @ Lab 5 West Entrance

TOUR CONDUCTED BY: Vince Minichilli of NORTEL



 <p>METHOT • HEATING • INSTRUMENTATION • MECHANICAL</p> <p>1060 boul. Michèle-Bohec Suite 101 Blainville, Québec J7C 5E2</p> <p>Tel: (514) 433-9878 Fax: (514) 433-6866</p> <p>Michael McNamara, P.Eng. ext. 27</p> <p>☎ 1-800-METHOT-2</p>	 <p>H.V.A.C. SERVICES LTD. Quality Service Since 1933</p> <p>Brian Francis President</p> <p>148 Colonnade Road, Unit 11, Nepean, Ontario K2E 7R4 Tel.: (613) 723-7863 Fax: (613) 723-1499 24 Hour Emergency Service, 7 Days a Week</p> <ul style="list-style-type: none"> • Heating • Ventilation • Air Conditioning • Maintenance Plans • Boiler Maintenance • Duct Cleaning • Design/Build • REVCO Service Dealer • Refrigeration • Ultra-Low Freezers 	<p>WATER LOOP SYSTEMS INC.</p> <p>Manufacturers' Representative for: Baltimore Aircoil, Lakos, Ecotron, Siemens-Relcon, Hermidifier, Colmac</p> <p>24 Gurdwara Road, Nepean, Ontario. K2E 8B5 Tel: (613) 225-6511 Fax: (613) 225-9686</p>	<p>InAIR Envi Indoor Air Investi</p>  <p>Lan Chi Ng</p> <p>183 Stanley Avenue, Phone: (613) 745-34</p>
--	---	--	---

**ASHRAE OTTAWA VALLEY CHAPTER
PROGRAM SCHEDULE FOR 1996/1997**

DATE	THEME	TECHNICAL SESSION/TOUR	EVENING PROGRAM & SPEAKER
Tuesday Sept. 17/96	Membership Promotion	Tour of new Archives Building in Gatineau	Construction Of New Archives Building in Gatineau Steve Bioletti PCL General Contractors
Tuesday Oct. 15/96	Research & Awards	Tour of Nortel/Northern Telecom Lab 4 Research Facility Cleanroom	ASHRAE Research Funds At Work Plenum Sound Power from Terminal Units A.C. Warnock-National Research Council Design of Atrium Smoke Exhaust Systems G. Lougheed-National Research Council
Tuesday Nov. 19/96	Membership Promotion	Technical Session: Update on MOL Regulations and Compliance Gord Collinson-Engineering Consultant, Ministry of Labour	Retrofit of Chemical Process Areas to Create Office Space Lydia Renton-Nortel Semiconductors
Tuesday Jan. 21/97	Student Activities	Technical Session: Control System Fundamentals Paul Baker-Johnson Controls	Retrofit of HVAC Control Systems to DDC-Case Studies David Bradley-Landis & Gyr
Tuesday Feb. 18/97	Refrigeration & Student Activities	Tour of St. Laurent Recreation Centre Ice Plant	Ice Rink Refrigeration Systems-Design and Construction Russ Bradley-CIMCO Refrigeration
Tuesday Mar. 18/97	Technical / Energy & Research	Technical Session: Ductwork Design for Effective Air Balancing Marc Desjardins-Kanata Air Balancing Ltd.	Update On ASHRAE Standard 62 Ventilation for Acceptable Indoor Air Quality Dennis Stanke-Trane Co.
Tuesday Apr. 15/97	Program	Afternoon Seminar: Air Distribution Fundamentals Presented by TEGA Committee	The Future Without CFC's James E. Wolf-American Standard Inc. (ASHRAE Distinguished Lecturer)
Tuesday May 20/97	History	Tour of E.B. Eddy Power Plant, Hull	Legal Aspects/Legal Issues Involved in Tendering and Construction Mike Atkinson-Canadian Construction Association

NEWSLETTER

RODERICK @ OTTAWA.NET

ASHRAE @ CYBERUS.CA

laos Haitas, P.Eng.
dent

SEK LES LTD.
TORS

ata, Ontario K2K 1X7
st: 613-839-1708



**Goodkey, Weedmark
& Associates (1985) Limited**
1749 Woodward Drive
Ottawa, Canada, K2C 0P9
Tel. 613-727-5111
Fax 613-727-5115

G.F. Carscallen, P.Eng.
President

Consulting Engineers



Adam Beales
Principal

Total HVAC Inc.
29 Cleopatra Drive
Nepean, Ontario
Canada, K2G 0B6

Tel: (613) 723-4611
Fax: (613) 723-4677
Res: (613) 825-7319

**PATRICK DURKIN
AND
ASSOCIATES LTD.**

DISTRIBUTORS OF HEATING, AIR CONDITIONING & VENTILATION

Patrick (Pat) Durkin

857 BOYD AVENUE
OTTAWA, ONTARIO K2A 2C9
FAX: (613) 728-4377
TEL: (613) 728-5586

ASHRAE GOLF TOURNAMENT

The tournament was held August 8, 1996 at Manderley On The Green Golf Course. Persistent rain wiped out most of the back nine for all but a few determined groups. However, the day was deemed a huge success based on the turnout and the tremendous prizes that were donated.

Due to the fact that only a handful of golfers completed their rounds, there were no scoring trophies awarded; the following, however, were presented: Jim Moore Memorial - Herb Balantyne, Contractor's Award - Jurg Zurcher

TABLE TOP DISPLAY

This month's Table Top will feature representatives who produce the National Master Specification (NMS). Jointly produced by industry specialists in both the public and private sectors, the more than 640 sections of the NMS provide a comprehensive, clear and concise tool for writing project specifications. The NMS covers all aspects of civil engineering and building construction and is available in two specific packages for ASHRAE members: Building Services Package - comprised of 261 sections, Mechanical Engineering Package - comprised of 109 sections.

For more information on the NMS and our list of distributors contact: Tom Dunbar, RSW, Engineering Co-ordinator, National Master Specification Secretariat, Public Works and Government Services Canada, 1000-38 Antares Drives, Nepean, ON K1A 0M3, Phone: (613) 941-2263, Fax: (613) 952-4798, E-mail: dunbart@pwgsc.gc.ca

Please contact Randy Cavill at tel. 225-9774 if you are interested in presenting a table top display at future meetings. The 1996-97 rate is unchanged from last year at \$100.00 per display.

STUDENT AWARD FOR ALGONQUIN COLLEGE

The student award for Algonquin College will be presented to Ahmed Regragui at October's chapter meetings. This award is presented annually to the top student in Algonquin's power engineering program. Come out to the meeting and show your support for student activities.

NOTICE

Vegetarian or special meals can be arranged through the banquet hall in advance. Please call Cathy Godin 226-1810 (3 days prior to meeting).

NEW HOME PAGE

The Board of Governors is happy to announce that the Ottawa Valley Chapter established its own home page on the World Wide Web. This electronic communication medium will supplement the information already available in the Capital Communiqué. We also hope that we could reach an even wider circle of people in the HVAC industry in the National Capital area and beyond. The address of our home page is [http://www/cyberus.ca/~ashrae](http://www.cyberus.ca/~ashrae). Visit it soon and tell you friends about it.

MEMBERSHIP PROMOTION

ADVANCEMENT If you were contacted or feel your eligible for advancement take the time to fill out an advancement form. If you need a form or have any questions please contact Ross McIntyre @ 727-5111 or Adam Beales @ 723-4611.

As an ASHRAE member you know the benefits, next time your talking to a potential member tell them why you joined. Seminars, technical information, Networking, Continuing education, Publication, Local Chapter events, Standard and guidelines for industry are just a few reasons why. Contact Frank Bann @ 727-5111 for Society or Chapter membership forms. Remember new Society applications & Chapter renewals go to Atlanta. New Chapter applications go to the Chapter Treasurer Dale Gaudet.

ADDRESS CHANGES

If you have any address changes, please notify Atlanta as soon as possible.

The new toll-free number for ASHRAE Society is 1-800-5-ASHRAE (1-800-527-4623). You can use it for a variety of services including general information, same-day address changes and credit card payment of membership dues, meeting registration or bookstore purchases.

BOG BULLETIN

Highlights from your 96-97 Board of Governors

- Gabriel Laszlo is working hard at improving our homepage; he welcomes comments and any assistance you can give.
- The 96-97 program will be great...tours, seminars, presentations... Please tell us if you like, dislike, love or hate the program; we're striving to always improve.
- We want to improve attendance at our meetings...any suggestions?

ental Ltd.
and Research

Ph.
hi, P.Eng.

JN K1M 1P2
ax: (613) 745-3154

Guy H.J. Bourbonniere P Eng
Sales Manager



Trane Canada
1745 Courtwood Crescent
Ottawa Ontario K2C 3J2
Tel 613 226 1810
Fax 613 226 5852



CAPITAL AIR CONDITIONING LTD.

KEN BOYD
VICE PRESIDENT

9 ANTARES DRIVE
NEPEAN, ONT., K2E 7V5
TEL: 225-0140
FAX: 225-6904



Division of Emerson Electric Canada Limited

Martin J. Carrière, P.Eng.
Vice President, Ottawa Region

30 Concourse Gate
Nepean, Ont. K2E 7V7
Tel: (613) 723-1482
Fax: (613) 723-1259



TEL: (613) 228-0190
FAX: (613) 228-0208


MECHANICAL TRADE SALES

TIM WHALEN
32 Grenfell Cres., Nepean, Ontario K2G 0G2

BRECK-MAR
Breck-Mar Sales & Service Ltd.
Heating, Ventilation, Air Conditioning,
VSD's & Humidification

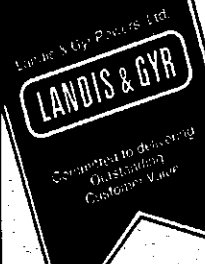
Douglas P. Breckenridge, P.Eng.

1550 Laperrriere Avenue, Ottawa, ON K1Z 7T2
Tel. (613) 728-0060 • Fax: (613) 725-2637



**CLEMANN
LARGE
PATTERSON**
CONSULTING ENGINEERS


1150 Morrison Drive, Suite 400, Ottawa, Ontario K2H 8S9
Tel.: (613) 828-2000 • Fax: (613) 828-1011



Landis & Gyr Power Ltd.
LANDIS & GYR
Commitment to delivering
Outstanding
Customer Value

- Installation and retrofit of Energy Management Control Systems
- Maintenance Management Software
- Parts
- Technical Support Programs
- Training Programs

Tel.: 613.733-9781
Fax.: 613.737-4985




Toronto Ottawa Calgary

Smith and Andersen 200 First Avenue Tel 613 / 230.1188
Consulting Engineering Ottawa, Ontario K1S 2G8 Fax 613 / 230.2595

David Eastwood P.Eng.

TWENTY-FIFTH
ANNIVERSARY



DELTA T PRODUCTS LTD.
2353 Keystone Court, Gloucester, Ont. K1W 1A9

Bill McKinnon

Tel: (613) 830-1411 Fax: (613) 830-3523

WHAT YOU MISSED

Tour of the new archives building in Gatineau.
The annual chapter BBQ (the first chapter meeting of the year).

RESEARCH

The Theme for October is Research Promotion. We take this opportunity to thank all contributors to ASHRAE Research over the last year, and to gently remind our members that we are new into a new ASHRAE year, and to start considering research contributions for this year.

The October meeting will have a special ASHRAE Research promotional event, based on our NO TIES informal dress code.

SCIENCE QUIZ

Question: Which travels faster, heat or cold? Watch the November issue of the Capital Communique for the answer.

If you don't want to wait, the answer is posted on our home page now, at <http://www.cyberus.ca/~ashrae>.

NATIONAL ENERGY CODE UPDATE

The finalized version of the National Energy Code (NEC) is currently before the Standing Committee for final review. It is slated to be published by year end. As of this time, there is apparently no legislation in place to enact it. Thus, it is currently only a model code.

We are still tracking data on upcoming NEC information seminars and training sessions. There is also to be a computerized compliance program issued, but details are not yet available.

We will keep you posted as events unfold.

C.R. Frauley
TEGA Committee Member

ASHRAE, Ottawa Valley Chapter Board of Governors
can be reached at P.O. Box 21088, 151A 2nd Avenue, Ottawa, Ontario K1S 5N1

Home Page: <http://www.cyberus.ca/~ashrae>

Publication deadline is the first Tuesday of each month

The Editor - Rod Lancefield

Fax: 820-9462

Phone: 820-7810

