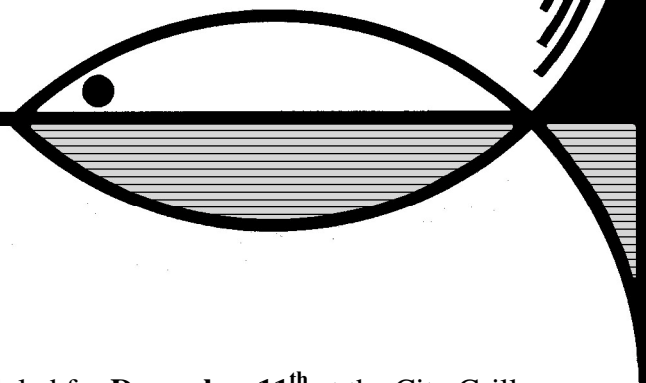


The Herring Choker

ASHRAE
NB PEI CHAPTER



2012-2013 Executive

President:

Dwight Scott
(506) 204-2820

President Elect:

Camille Chevarie
(506) 857-8708

Vice-President:

Kevin Clannon
(506) 382-8625

Treasurer:

Fréderrick Bernard
(506) 857-8880

Secretary:

Sharlene Innes
(506) 857-8788

Membership:

Dan Boudreau
(506) 857-8880

Research Promotion:

Rob Hoadley
(506) 459-3940

Student Activities:

John Willden
(506) 856-2215

Historian:

David Samuel
(506) 204-5922

CTTC Chair (Programs):

Yves Savoie
(506) 858-1300

Newsletter/Website:

Jennifer Chapman
(506) 857-8788

YEA Coordinator:

Kevin Leger
(506) 859-7616

Board of Governors:

Mike Boudreau
Mathieu Breau
Luc Dugas
Devin Harinarine
Eric Leblanc
Ken Martin
Robert McEwen
Christopher Sanderson

The next Chapter meeting is scheduled for **December 11th** at the City Grill (130 Westmorland St, Moncton). This month's meeting will feature a presentation by Clark Campbell C.E.T. Clark's presentation will provide information on Control Valves, Dampers and Actuators.

A social hour will begin at 5:00 PM with a cash bar, followed by the presentation at 6:00 PM and Dinner at 7:00 PM.

Executive Meeting Notice

A reminder to the Executive, Board of Governors, and the Committee Chairpersons that the Executive meeting will start at 4:00 PM at the City Grill. Please note the change in time.

Speaker Biography

Clark Campbell C.E.T – District Sales Manager for Eastern Ontario & Atlantic Canada Belimo

Clark has been with Belimo for five years. He started as the retrofit person for Canada for custom mounting hardware. He has worked in the Process Valve Industry for thirty years sizing and specifying Control Valves for process applications.

At the end of his presentation you will be able to:

1. Calculate Damper torque for Damper Motor selection
2. Calculate Valve CV based on Flow
3. Verify Valve selection based on Water Flow Velocity
4. Preferred Valve Piping installation
5. Valve type options for HVAC applications

Representing:
Baltimore Aircoil of Canada
Division of Baltimore Aircoil Interamerican Corporation

GERRY WASELYNCHUK
PRESIDENT

Aquavap Indotec Agencies (NB) Inc.

120 RIDEOUT STREET
MONCTON, NEW BRUNSWICK E1E 1E2

VOICE: (506) 857-8744
FAX: (506) 857-8890
e-mail: gerry@aquavapgroup.ca



Atlantica Mechanical
CONTRACTORS INC.

Ken Martin
Project Manager

290 Baig Blvd. Unit B5
Moncton, N.B. E1E 1C8
Tel: (506) 384-3425
Cell: (506) 227-3734
Fax: (506) 384-0495
e-mail: kmartin@atlanticamechanical.ca



Maricor

A Division of MCW Consultants Ltd.

77 Vaughan Harvey Blvd., Suite 200
Moncton, New Brunswick E1C 0K2
Phone (506) 857-8880

Fax (506) 859-8393

www.mcw.com

Toronto Winnipeg Vancouver Ottawa Moncton Saint John

SUMMARY OF NOVEMBER MEETING:

November meeting was a technical tour of the NBCC, Saint John conducted by Bill Stroud. The tour was attended by 31 participants out of whom 8 were BoG members, 18 NBCC Moncton & Fredericton students & faculty, and 5 members from Saint John area who joined in.

NBCC Saint John's new \$26-million E-Building is designed to meet Leadership in Energy and Environmental Design (LEED) silver-rating standards. Showcasing advanced green-energy systems, the E-Building serves as a teaching tool for energy, environment, and engineering technology students. The 7300 sq. metre E-Building has a capacity of 550 students, houses ten classrooms, 22 laboratories, contains 50 faculty and staff office spaces, a faculty lounge, a student lounge, plus two student study rooms.



SCAN AIR BALANCE 1998 LTD.
Certified Member AABC

HVAC
Air & Water Balancing • Duct Leakage Testing

MEDARD LEBLANC

50 Driscoll Crescent, Suite 200
Moncton, N.B. E1E 3R8
Tel: (506) 857-9100
Fax: (506) 857-1719

scanair@nb.aibn.com



**Hatch Mott
MacDonald**

Camille Chevarie, P.Eng.
Senior Project Engineer

50 Cameron Street
Moncton, NB E1C 9A9 Canada
T 506.857.8708 F 506.857.8989
camille.chevarie@hatchmott.com



Brad McAllister
Sales Representative

155 Canaan Drive, Suite #411
Dieppe, NB E1A 0W4
bmcallister@victaulic.com

Cust. Service: 1.877.426.3500
Fax: 506.384.3617
Cell: 506.875.3352

TWEEDIE & ASSOCIATES
CONSULTING ENGINEERS LTD.

Stephen Tweedie
P. Eng., LEED AP, CBCP

33 Pine Glen Road
Riverview, NB E1B 1V3
Tel. (506) 383-8223
Fax. (506) 382-8223
Cell. (506) 852-1570
e-mail. stweedie@tace.ca

PEERLESS CONSULTING LTD.

François Thériault, P.Eng., LEED AP

Tel: (506) 387-3083 Fax: (506) 387-3089
E-Mail: Francois.Theriault@nb.aibn.com
www.peerlessconsultingltd.com
106 HILLSBOROUGH ROAD, RIVERVIEW, N.B. E1B 1R3

Duct Cleaning Asbestos Microbial

POWER VAC

PAUL G. BLACK, P.Eng.
General Manager

POWER VAC SERVICES 1-800-561-3828
P.O. BOX 4726 Tel. (506) 847-4169
ROTHESAY, NB FAX (506) 848-6808
E2E 5X4 e-mail: powervac@nb.aibn.com

The tour started on level 3 class room of this building. The class room had energy efficient lighting with T8 lamps, controlled by occupancy sensors and outside lighting controls; it was fitted with a smart board audio visual system. The room had also a CO2 monitor set for additional fresh air inlet from the air-conditioning system should the level rise above a set point so that the student's attention levels do not deteriorate. This class room was also available for use by sponsors to conduct seminars or technical presentation, of course on condition that the faculty will be allowed free participation. Most of the sponsors also donated part or all the equipment they were demonstrating to NBCC for educational purposes.

The tour then moved to the corridor and Mechanical Equipment Room. The corridor had an open concept with all duct work and piping systems were exposed so that the students can observe the construction details of the duct work and piping systems. Most notable was the Pyrex Gravity Drain piping from the chemical laboratory. This system used Glass (Pyrex) piping from Germany and one could observe the construction joint and supporting details. The Mechanical room had site built air handling systems with Cooling/heating coils, energy recovery systems, blowers and filters.



Master
REFRIGERATION | HEATING | AIR CONDITIONING

Kevin Clannon, CET
Senior Applied Sales
Specialized Equipment
kclannon@master.ca

The Master Group L.P.
186, Dieppe blvd.
Dieppe (N.B.)
E1A 6P8

T 506.382.8625
C 506.875.0675
F 506.382.8626
1 888 577.8625
www.master.ca

xylem
Let's Solve Water

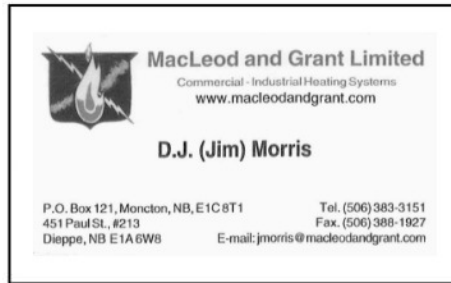
Bill Hooper, C.E.T.
Market Development Manager
Residential and HVAC
Residential and Commercial Water

Xylem
87 Auburn Way, Quispamsis, NB, E2E 5C3 Canada
Office 506 849 0334
1 888 488 4033
Fax 506 649 8485
Cell 506 643 1554
bill.hooper@xyleminc.com

SCD S.C. DELONG
Sales Inc.

Stephen DeLong

15 Henry Lorne Dr., Lower Coverdale, N.B., E1J 1C4
Tel: 506-387-4412 • Fax: 506-387-4942



The tour also included the state of the art Chemistry Laboratory, the Electronics and communication Laboratory, Server Room, Fluid & Thermodynamics laboratory and the still unfinished Boiler Room on the ground floor. Bill also gave a list of design challenges and deficiencies they faced which had to be resolved between the various agencies involved. The faculty has also taken up some new installations on their own to complete and improve the existing facilities.

It was an interesting and informative technical tour and members are encouraged to use this facility for any of their technical seminars or presentations in Saint John area. You may route such enquiries through the ASHRAE NB/PEI Chapter President Dwight Scott at dwrightscott@gmail.com.

John Willden has uploaded some pictures he took during this visit and you can view them at <https://sites.google.com/site/ashraechapter/home/archive>.



Chapter President Dwight Scott thanking Bill Stroud for the tour



chantal.daigle-verrier@exp.com
t +1506.858.1300 x8293
40 Henri Dunant Street
Moncton, NB E1E 1E5
CANADA



Chantal Daigle Verrier, P.Eng., LEED AP, CMVP
Manager | Energy Practice | Moncton

J.F. Taylor Enterprises Ltd. 

Manufacturer's Agents for
Plumbing, Heating &
Humidification

Andrew G. Campbell - Owner
Barry Marchand - Owner

Proudly Serving Atlantic Canada

170 Millennium Blvd
Moncton, N.B.
E1E-2G8

Phone : (506)-389-3739
Fax : (506)-856-5972


Leaders in Green Plumbing

VISIT OUR WEBSITE: WWW.JFTAYLOR.CA

Andrew Smith
Training & Sales Manager



30 Stonegate Drive, Saint John, NB E2H 0A4
Tel: 506-657-6293 Cell: 506-721-4318 Fax: 506-657-2387
asmith@nythermal.com www.nythermal.com

NB/PEI ASHRAE Chapter Meeting Schedule 2012/2013

January 8, 2013

Topic: Shale Gas

February 12, 2013

Topic: Displacement Ventilation

March 12, 2013

Topic: UNB Head Hall Renovation Tour

April 9, 2013

Topic: ASHRAE Distinguished Lecturer

April 18, 2013

Topic: 9th Annual ASHRAE CTTC Webcast:
Assessing Building Energy Performance

May 14, 2013

Topic: High Induction Diffusers

June 11, 2013

Topic: Dumont Energy Centre Tour

Social Events – Dates to be Announced

Moncton Wildcats Game
Curling Fun Spiel

ENERTRAK INC.
DISTRIBUTOR OF HVAC EQUIPMENT

www.enertrak.com

ERIC LEBLANC, P. Eng.
19-297 COLLISHAW, MONCTON, NB E1C 9R2
T 506.855.3365 F 506.855.3370 C 506.875.0978



Your complete
HVAC
Supplier!

290 Baig Blvd.
Suite B14
Moncton, NB
E1E 1C8

GLOBAL
Mechanical Systems Ltd.
www.globalmech.com

Ph: (506) 857-4887 Fax: (506) 857-1989

 **Advanced Energy Management Ltd.**
Putting our energy into saving yours

222 Edinburgh Drive, Unit 1
Moncton, NB E1E 4G7

Doug Briggs
Customer Representative

Tel: (506) 857-0818 Ext 681
Fax: (506) 857-0867
Cell: (506) 878-7092
Email: dbriggs@aemltd.com
Web: www.aemltd.com

 **ALERTON**
AUTHORIZED DEALER

Andrew Williamson
Sales Engineer



Atlantic Division
120 McDonald Street, Suite "G"
Saint John, NB E2J 1M5
Toll Free: 1-866-338-7263
Tel (506) 633-2300 Fax: (506) 633-2310
Cell (506) 609-0096
andrew.williamson@trane.com
www.trane.com



Gary Hoadley
Senior Mechanical Engineer



Crandall Engineering Ltd.
1077 boul. St. George Blvd., Suite 400
Moncton, NB Canada E1E 4C9
Tel: (506) 857-2777
Fax: (506) 857-2753
Cell: (506) 866-1976
grh@crandallengineering.ca
CRANDALLENGINEERING.CA




Brian Dutt, MBA / CEM
President
Head Office

Office (506) 874-4043
bdutt@controlsequipment.com
controlsequipment.com