

AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS, INC.
1791 Tullie Circle, N.E.
Atlanta, Georgia 30329

MINUTES

THIS FORM SHOULD BE SUBMITTED TO YOUR REGIONAL CHAIR (DRC) AND TO REGIONAL VICE CHAIR (RVC) OF CHAPTER PROGRAMS WITH MINUTES FOR ALL OF THE FOLLOWING: CHAPTER MEETINGS, BOG MEETINGS AND SECTION MEETINGS WITHIN THREE WEEKS OF EACH MEETING.

Chapter Name: _____ Manitoba Chapter 017 _____

Meeting Date: _____ January 6, 2009 _____

Chapter _____ **BOG** _____ **X** _____ **Section** _____

Attendance: President Sergio Almeida, Stirling Walkes (Secretary), Corey Nation, Peter Gryc, Dieter Bartel, Johann Baetsen, Robert Bisson, David Stones, Devin Evenson

Regrets / Absent: Tom Beggs, Robert McDowell, Jesse Sandhu, Bert Phillips, George Marchildon, Russell Lavitt, Daryl Friesen

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- 1) The meeting was called to order at 8:07 a.m.
 - 2) The attendance was called and noted as above.
 - 3) Motion to approve minutes passed (D. Bartel/D. Stones)
 - 4) Committee Reports:
 - a) Student Activities
 - See attached 5:15 report.
 - January meeting is "Student Night".
 - Peter requires assistance for filling out time slots for presenters for Dr. Derksen class at the U of M.
 - Peter will confirm that Jesse has presentation materials for a 15-20 minute lunch session at the U of M.
 - b) Programs
 - Distinguished Lecturer Robert Baker will be in February 10th for a lunch meeting and afternoon seminar. We will need to get the accommodations chair to review potential venues (Hilton or Greenwood)
 - Meetings, seminars and events are to be cross promoted through the CaGBC events calendar.
 - April 16th DL to do a seminar at the Price facility as well as the dinner meeting.
 - A 4th DL has been approved possibly Victor Goldschmidt for the Better Buildings 2009 conference.
 - c) Membership

- No Report
- d) Treasurer
- Corey is in the process of cleaning up the finances.
- e) Research Promotion
- See attached 5:15 report
 - David will be sending out thank you letters.
- f) Website
- See attached 5:15 report
 - Add links to the website (not too many though)
 - Add past presidents list to the website
 - Add a comment highlight the upcoming Student Night
 - Add a copy of the budget to the website (Corey to provide)
- g) History
- No report
- h) CTT
- No report
- i) Newsletter
- Awaiting Sergio's input to send the newsletter out.
- j) Honours and Awards
- See attached 5:15 report.
 - PAOE has not been updated for the past 3 weeks.
 - Dieter needs to meet with Jesse with respect to CRC details.
 - A sub-committee for hotel selection is required.
 - Dieter will meet @ SMS w/ Peter and Jesse prior to the end of January.
- k) Special Events
- Tom Beggs to send out thank you letters for prize donations.
 - David Stones suggested looking for a Plan B alternative to the river boat dinner in case of spring flooding.
- 5) Other business
- a) Better Buildings
- a) April 7th and 8th @ the convention centre.
 - b) Victor Goldschmidt would be a potential Distinguished Lecturer for the event.
 - c) Prentice for the lunch meeting and George Strombolopolous for the dinner.
 - d) Dieter has a client in Brandon that may be able to provide information on energy management. Dieter can then present a case study for Better Buildings 2009.

6) The meeting was adjourned at 8:47 a.m. (C. Nation)

NEXT BOG MEETING:

January 27th, 2009

8:00 am

ASHRAE Manitoba 2008-2009

Date: 6 Jan/09

5-15 Report #3 by Peter Gryc, Student Activities Chair

e-mail: pgryc@smseng.com

Item	Description / tasks	Accomplished up-to-date	Further action required
1.0	Establish contact with students at the University of Manitoba	Meeting with Prof Derksen and Prof Kuhn on Dec 11/08. Planned 4 presentations to students -1 on ASHRAE -3 on HVAC practising	-Prepare with the help of BOG the presentations/help find speakers : dates are Jan 13 (on ASHRAE), Jan 20 and 27, Feb 3 and 10 -PG to organize a separate presentation (30 mins) on ASHRAE for students around lunch with free food [to happen in January] -Architecture students can be targeted as well
2.0	Establish contact with students at the Red River College	Presentation to RRC G. Kurowski students on Dec 11/08 (Refrigeration trade course students)	-PG to meet with Evan Himmelstein's students at RRC (Technology course AC-2)
3.0	Chapter webpage		-PG to provide material for new menu item relative to student activities which can be called "students and ASHRAE"
4.0			
5.0			
6.0			

From: "Robert W. Derksen" <rderksen1@shaw.ca>
To: "Peter Gryc" <Pgryc@smseng.com>
Date: 12/11/2008 2:31 PM
Subject: HVAC at the U of M.
Attachments: MECH.4410 Air Conditioning course schedule.doc

Hi Peter

I enjoyed our meeting today a great deal - thanks for all of your help

I've tentatively schedule Tuesday, January 13 as my ASHRAE tutorial, as per my attachment. It runs from 8:30 AM till 10:20 AM. I expect it to be used to promote ASHRAE to our students and for you to use it as a recruiting tool. The time can be used as you wish.

I'm also looking to have four practicing HVAC engineers speak to my students about their perspectives and experiences in industry. I've indicated the dates using a red open in the schedule. I would greatly appreciate your input on finding appropriate speakers. These talks would be for roughly 1 hour as I'm also planning to give the students a quiz during the tutorial, preferably before the speaker.

Again it was a real pleasure finally meeting you and thank you for your help, Rob

Ps. I will be working from home until next term so if you need to contact me you can e-mail or phone 261-4486.

Dr. R.W. Derksen

Mechanical and Manufacturing Engineering

Faculty of Engineering

University of Manitoba

Winnipeg, Manitoba, Canada

R3T 5V6

Phone: (204) 474-9116

Tentative Lecture Schedule, MECH.4410 Air Conditioning:

Date	Lecture	Text Section
Jan. 7	Course description, Introduction	Ch. 1
Jan. 9	Introduction	Ch. 1
Jan. 12	Introduction	Ch. 1
Jan. 13	Tutorial: Guest Speaker - ASHRAE	
Jan. 14	Air conditioning systems	Ch. 2
Jan. 16	Air conditioning systems	Ch. 2
Jan. 19	Air conditioning systems	Ch. 2
Jan. 20	Tutorial: Guest Speaker – MB Hydro Energy Pricing	
Jan. 21	Moist air properties	Ch. 3
Jan. 23	Moist air properties	Ch. 3
Jan. 26	Moist air properties	Ch. 3
Jan. 27	Tutorial: Quiz 1 & Guest Speaker – Local HVAC industry Open	
Jan. 28	Moist air properties	Ch. 3
Jan. 30	Moist air properties	Ch. 3
Feb. 2	Comfort and health	Ch. 4
Feb. 3	Tutorial: Quiz 2 & Guest Speaker – Indoor Air Quality	
Feb. 4	Comfort and health	Ch. 4
Feb. 6	Heat transmission in buildings	Ch. 5
Feb. 9	Heat transmission in buildings	Ch. 5
Feb. 10	Tutorial: Quiz 3 & Guest Speaker – HVAC Engineer Open	
Feb. 11	Heat transmission in buildings	Ch. 5
Feb. 13	Heat transmission in buildings	Ch. 5
Feb. 16	Mid-Term Break	
Feb. 17	Mid-Term Break	
Feb. 18	Mid-Term Break	
Feb. 20	Mid-Term Break	

Date	Lecture	Text Section
Feb. 23	Space heat load	Ch. 6
Feb. 24	Tutorial: Quiz 4 & Guest Speaker – HVAC Engineer Open	
Feb. 25	Space heat load	Ch. 6
Feb. 27	Space heat load	Ch. 6
Mar. 2	Cooling load calculations	Ch. 8
Mar. 3	Tutorial: Quiz 5 & Guest Speaker - HVAC Engineer Open	
Mar. 4	Cooling load calculations	Ch. 8
Mar. 6	Cooling load calculations	Ch. 8
Mar. 9	Cooling load calculations	Ch. 8
Mar. 10	Tutorial: Quiz 6 & Guest Speaker - Component selection	
Mar. 11	Cooling load calculations	Ch. 8
Mar. 13	Cooling load calculations	Ch. 8
Mar. 16	Cooling load calculations	Ch. 8
Mar. 17	Tutorial: Quiz 7 & Guest Speaker – Fan/pump engineering	
Mar. 18	Flow, pumps and piping design	Ch. 10
Mar. 20	Flow, pumps and piping design	Ch. 10
Mar. 23	Flow, pumps and piping design	Ch. 10
Mar. 24	Tutorial: Quiz 8 & Guest Speaker – Air distribution systems	
Mar. 25	Flow, pumps and piping design	Ch. 10
Mar. 27	Flow, pumps and piping design	Ch. 10
Mar. 30	Fans and building air distribution	Ch. 12
Mar. 31	Tutorial: Quiz 9 & Guest Speaker - Refrigeration	
Apr. 1	Fans and building air distribution	Ch. 12
Apr. 3	Fans and building air distribution	Ch. 12
Apr. 6	Fans and building air distribution	Ch. 12
Apr. 8	Fans and building air distribution	Ch. 12

ASHRAE Manitoba 2008-2009

Date: January 5, 2009

5-15 Report #1 by Johann Baetsen, Programs

e-mail: johannb@price-hvac.com

Item	Description / tasks	Accomplished up-to-date	Further action required
1.0	Programs	See Chart Below	Finalized programs
2.0	Lunch Meeting/seminar	Robert Baker	Location/ Hotel /Topic
3.0	Bemm/ASHRAE Conference	DL available	Discussion
4.0	March DL	Confirmed	Pick a topic, Hotel Res, projector, feedback forms
5.0	April DL	Confirmed	Reconfirm, Topic, Hotel Res, projector, feedback forms, Lunch seminar confirmation. <u>Is hosting ASHRAE at Price a Go?</u> <u>Lets Discuss</u>
6.0.	February Speaker	Confirmed	Hotel Res, projector, feedback forms

ASHRAE MANITOBA Programs 2008-2009		
Date	Speaker	Topic
October 16th 2008	Bert Philips	Controlling Contaminant Movement Using Pressure Differentials
November 13th 2008	Earl Rudolph Calmac Manufacturing	Thermal Energy Storage Systems
December 13th 2007	Russel Lavitt SMS Engineering	Quick Course on Fire Dampers
January 15th 2009	Ryan Geister - Trane Global Product Manager	Chillers - Topic TBD
February 12th 2009	Joel Primeau GENIVAR	Integrated Building Design
March 12th 2009	Will Stoecker DL Approved	Industrial Refrigeration
April 16th 2009	Stanley Mumma DL Penn Stat University	Dedicated Outdoor Air Systems or Chilled Ceilings, Floors, and Beams
November 5th 2008	R. Lance O. Marohn	MB hydro Building tour 430pm
February 10th 2009 Lunch Meeting	Robert Baker Approved	Green Maintenance Needed to Keep HVAC Systems Green Standard 180: A New Approach to HVAC System Maintenance Excellence in HVAC System Hygiene: A Wise Investment
April ?? 2009	Victor Goldschmidt	Air Conditioning: A Look Into the Past and a Guess into the Future Releasing Individuals' Own Creativity Differing Perspectives into Global Warming Problem Solving in Engineering Active Listening and Styles of Communication Principles of Leadership and Group Dynamics Principles of Leadership and Change ASHRAE's Core Values, and Their Implication Sustainability, Energy Sources, and Implications in the Context of Power Plants Training Sessions: (tailored to be 3-4 hours in duration, and developed to include individual and group activities) Leadership Principles Problem Solving: Principles and Practices Strategic Planning Developing Creativity Communications and Group Dynamics

Remarks:

1. Johann should be attending the January 15th meeting

ASHRAE Manitoba 2008-2009

Date: January 5, 2009

5-15 Report #1 by David Stones, Research Promotion Chair

e-mail: dstones@waa.ca

Item	Description / tasks	Accomplished up-to-date	Further action required
1.0	Obtain training in role as Research Promotion Chair	Attended Society workshop on September 13 in Chicago	Carry out plan submitted at Society workshop
2.0	Form Research Promotion committee	List of potential recruits.	Contact potential members
3.0	Recognize previous year's donors and current year donors	Recognized 2007-2008 donors as part of Research Promotion at November 13 Chapter dinner meeting	Recognize current year donors at January Chapter dinner meeting.
4.0	Full-Circle contribution	Collected and submitted contributions to Society on December 1. Deadline for PAOE points is December 15.	
5.0	Chapter contribution	Submitted Chapter contribution of \$1,703.86 to obtain 50 PAOE points for 30% of current year goal	
6.0	Contact donors from previous years		Execution
7.0	Develop list of new donors		Execution

Remarks:

1. None at this time

ASHRAE Manitoba 2008-2009

Date: 2 Jan/09

5-15 Report #3 by Devin Evenson, Webmaster

e-mail: devenson@hydro.mb.ca

Item	Description / tasks	Accomplished up-to-date	Further action required
1.0	Website Content	<p>The following items have been updated through the submissions received by chapter members and lifted from Buffalo Tales:</p> <ul style="list-style-type: none"> - Region XI Officers List - Buffalo Tales 2005 to present - Monthly Meeting Schedule - President's Message - Board of Governors List - Research and Promotion Message - Meeting Minutes - Regional Newsletter "Moose" - List of Research Donors 07/08 - General Announcements 	<p>The following items require submissions in order to be updated:</p> <ul style="list-style-type: none"> - 2008/09 Budget - Links - Student Activities - List of Research Donors 08/09 <p>Additional content discussions need to happen within the group. DE has looked at the other regional chapter websites and the following are content ideas found through web surfing:</p> <ul style="list-style-type: none"> - List of Chapter Past Presidents - Chapter Awards - List of Research Donors - Chapter Mission Statement - FAQ Section - Sponsors - Business Card Paid Advertisers - Meeting Presentations - Power Point Slides posted - Chapter By-laws - Endowment / Scholarship Fund
2.0			
3.0			
4.0			

Remarks:

1. n/a

Manitoba Chapter ASHRAE
Honors and Awards 5:15 Report

January 5, 2009

Dieter Bartel reports:

Item	Description / tasks	Accomplished up-to-date	Further action required
1.0	Work with Mechanical Contractors Association in the development of a communication and education plan to assist each group with dealing with industry issues common to both.	“Intro-ice-breaker” meeting was held on November 26 th with Betty McInerney, Fred Nicholson, Dieter Bartel and Sergio Almeida. Membership/benefits of each organization were discussed.	ASHRAE and MCAM will move forward and share educational activities/seminars and newsletters for the respective groups. Having a member of ASHRAE on the MCAM board is a possibility (outside of T. Beggs). National Energy Code/Provincial Energy Code and commissioning standards for commercial buildings are current items that need to be addressed through a partnership. Betty will follow up in the near future with Sergio?
2.0	Mentoring Jesse for the General Chair for Region XI’s CRC in 2012.	Nothing of note to this date. Need to meet soon in order to review needs for hotel!	Need to: 1. Meet with Jesse to review 1999 CRC in general and discuss tasks, responsibilities and resources. 2. Meet with Jesse to look at long range planning. 3. Meet with Jesse to review and plan short list of venues. 4. Provide a copy of previous CRC committees, tasks and duties for new CRC Chair/Co-chair
3.0	Work with Peter Gryc on “exit” or graduation strategy for student members	New timeline needs to be established for the “plan”. Some materials on Mentoring exist within workshop materials, etc.	1. Meet with Peter prior to January 30, 2009 to create student transition plan. 2. Meet with Peter prior to November 30, 2008 to review old mentoring guidelines from Membership Committee.
4.0	Promote active participation of members in ASHRAE at the Society level beyond the grassroots activities.	On-going.	This will be an inconspicuous ongoing activity and will be reported more through doing than planning. It will entail discussing Technical, Standard and Guideline committees informally and formally at Chapter Dinner meetings and other industry events.
5.0	PAOE Coordination	Nothing of note to this date	A cursory glance at the PAOE summary monthly to ensure things don’t fall through the cracks, ie; two “refrigeration” nights (November program for ice storage as no. 1)
6.0			