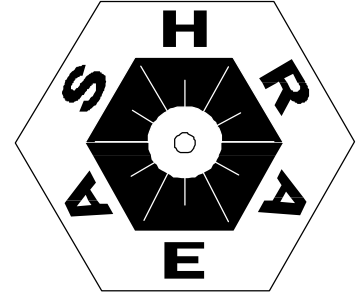
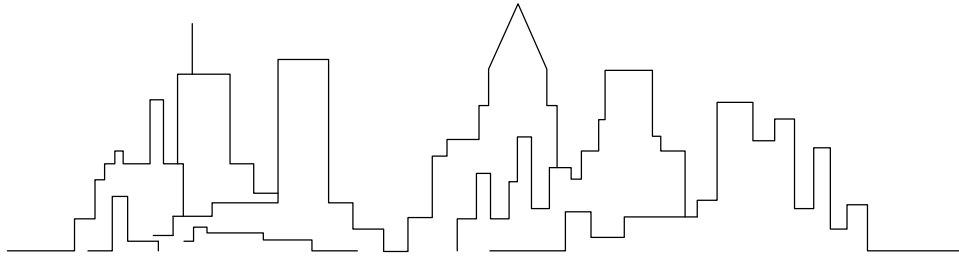


The EXCHANGER



Minnesota Chapter

www.mnashrae.org

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

c/o Karges-Faulconbridge Inc., 670 County Road B, Saint Paul, MN 55113

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Presidents Corner

Submitted by Paul Quirin

Welcome to the new 2005-2006 ASHRAE year! The Chapter Board of Governors and Committee Chairs have been actively working through the summer to plan this year's events, meetings, seminars and activities.

For the third year in a row, a social event was held for the membership. This year, a group of members and their families (a total of 46 people) attended a St. Paul Saints game on Tuesday, August 9, 2005. Despite storms that moved through earlier in the afternoon, the rain cleared and we had a beautiful evening for the game between the Saints and the Joliet Jackhammers. The Saints lost in the 9th-inning in a hard-fought 8-5 game. We look forward to continuing this type of social event each year.

The Minnesota ASHRAE sustainable design committee (MASDeC) will be hosting a dinner social meeting with several professional societies in our industry on September 20, 2005 at the DoubleTree Park Place hotel. The intent of the meeting is to gain a better understanding of the roles that other professionals play in the industry as a whole. See the attached flyer in this edition.

The Chapter is excited to have the opportunity to tour the new Guthrie Theater on Tuesday, October 11, 2005. The tour will be held before the dinner this year. The tour announcement is included in this edition of the Exchanger. Reservations in advance are required if you plan to attend.

Our Chapter will offer many of the familiar seminars and educational opportunities during the course of the year. These will include:

§ Life Safety Seminar: A half-day seminar and lunch program to be held on Tuesday, November 8, 2005 at the Four Points Sheraton in St. Paul.

§ Monthly Chapter meetings will be held on December 13, 2005; January 10; March 14 and May 9, 2006 at the DoubleTree Park Place hotel in Minneapolis.

§ Refrigeration Seminar: A half-day seminar and lunch program to be held on Tuesday, February 14, 2006 at the Four Points Sheraton in St. Paul.

§ Education Seminar: A half-day seminar and lunch program to be held on Tuesday, April 11, 2006 at the Four Points Sheraton in St. Paul.

§ Co-sponsorship of speakers at the Midwest Plant Engineering show in Minneapolis on October 26-27, 2005.

§ Co-sponsorship of a site for the ASHRAE Satellite Broadcast on Green Buildings on Wednesday, April 19, 2006.

§ Additional technical presentations are held in the Rochester and Northern Lights Sections throughout the year. The dates and locations of these meetings will be listed in upcoming Exchangers. Consider attending one of these meetings if you are traveling in these areas during the year.

Please keep in mind that continuing education certificates are issued for most of the meeting presentations throughout the year and can be applied toward the continuing education requirements necessary to maintain professional engineering licensure.

Remember that we are a volunteer organization and we are always looking for additional people to get involved and become a part of the Chapter's operations. Take a moment to look through the committees listed on the front cover of the Exchanger. If you have an interest in any of the committees, please contact the committee chair, a board member or chapter officer. Each committee is always looking for additional assistance and will be happy to include you in upcoming efforts.

We would like your feedback on the educational topics that we have selected and want to ensure that we provide value and communicate the most relevant and timely information available in our industry as it relates to your everyday needs. The Chapter Officers and Board look forward to serving you this year and hope to see each and every one of you at a meeting or seminar during the course of the year.

Chapter Information

Looking for a Few Good Firms to Help Sponsor our Student Members

In past years the Minnesota Chapter offered a reduced price to encourage our student members to attend the monthly chapter meetings. This year we'd like to take it one step further by offering the meetings at no charge to students, but we need your help.

Here's how it works. The Minnesota Chapter picks up the cost of student attendance during the year. ASHRAE-related firms or individual members make a pledge to the chapter to help pay for the students. Your name shows up every month in the Exchanger as a student sponsor. At the end of the year we add up the cost for student attendance and divide

this by the number of sponsoring firms. Each sponsor provides a tax-deductible donation to the chapter to cover their portion of the total student cost.

We already have four sponsors; Midwest Mechanical Solutions, R.M. Cotton Company, Schwab Vollhaber Lubratt and TMS Johnson. These organizations have stepped up to the plate to make a donation to the Minnesota Chapter on behalf of our student members. We're asking others to join these firms in supporting the students. You can put a cap on your pledge or leave it open-ended. To become a student sponsor, contact George Rothenberger or Steve Schreurs at the phone number or e-mail address listed on the front page of the Exchanger.

MASDeC Fall Social
September 20, 2005
5:30 – 7:30 pm
Double Tree Park Place Hotel
Minneapolis
1500 Park Place Blvd
763-542-8600

Light dinner buffet provided

Sponsored by Midwest Mechanical Solutions
And MASDeC (MN ASHRAE Sustainable Design Committee)

Network and socialize with representatives of local organizations promoting and participating in
Sustainable Design in the built environment

Participating Organizations will be making brief presentations outlining their goals, programs, and
activities relative to sustainable design and green building practices.

The invited Associations are:

AEE - The Association of Energy Engineers
ASCE – American Society of Civil Engineers
ASPE - American Society of Plumbing Engineers
AIA-COTE - American Institute of Architects – Committee on the Environment
IESNA – Illumination Engineering Society of North America
IEEE – Institute of Electrical and Electronics Engineers
MASLA – Minnesota Association of Sustainable Landscape Architects
USGBC – United States Green Building Council, Mississippi Headwaters Chapter
UMN – University of Minnesota, ASHRAE student chapter
DCT – Dunwoody College of Technology, ASHRAE student chapter

For more information and RSVP: Betti Iwanski
biwanski@gausman.com, 651-604-3172

Articles of Interest

ATLANTA – Healthy, sustainable buildings are those that create high quality indoor environments while minimizing their impacts on the outdoor environment. But achieving both can be a challenging goal.

Guidance on how to do so will be presented at the American Society of Heating, Refrigerating and Air-Conditioning Engineers' (ASHRAE) conference, IAQ 2007 Healthy and Sustainable Buildings, which will be held Oct. 15-17, 2007, at Baltimore's Inner Harbor, Baltimore, Maryland.

"The issues of healthy and sustainable buildings are cyclical and interdependent," Lawrence J. Schoen, P.E., chair of the conference said. "Buildings not only impact the indoor environment but they have an impact on the outside environment. Our goal in creating healthy buildings should be to create indoor environments where people are healthy and productive but that minimize impact on the environment."

The conference will emphasize the measured performance of healthy and sustainable buildings and practical methods for their design, construction, operation and maintenance, according to Schoen.

For more information, contact ASHRAE Technical Services at IAQ2007@ashrae.org or www.iaq2007.org.

Upcoming Events

Minnesota Chapter 2005-2006 Meeting & Event Calendar

- ü **October 11, 2005 Dinner**
Meeting Topic: Tour – Guthrie on the River
- ü **November 8, 2005 Seminar/Lunch**
Health & Life Safety Seminar
- ü **December 13, 2005 (Tuesday) Lunch**
Meeting Topic: TEGA
- ü **January 10, 2006 (Tuesday) Lunch**
Meeting Topic: AHRAE Standards Update
Rick Hermans
- ü **February 14, 2005 (Tuesday)
Seminar/Lunch**
Refrigeration Seminar
- ü **March 14, 2006 (Tuesday) Dinner**
Meeting Topic: Research Promotion and
Support Appreciation
- ü **April 11, 2005 (Wed.) Seminar/Lunch**
Meeting Topic: Education Seminar
- ü **May 9, 2005 (Tuesday)
Seminar/Lunch**
Meeting Sub-topic: Installation of
Officers/Past Presidents Day/History -
Utility Night
- ü **June, 2005**
Golf Outing

Rochester Section Schedule

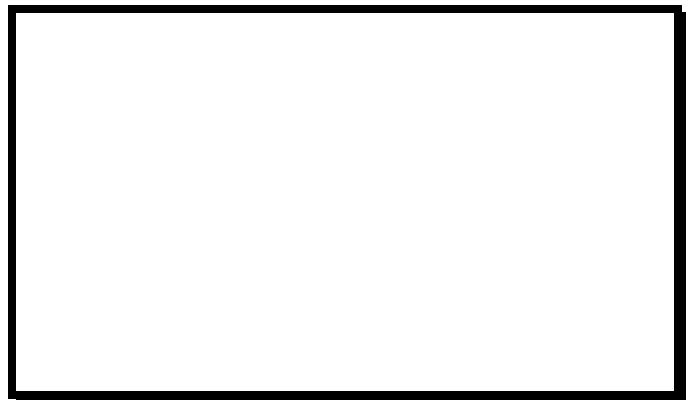
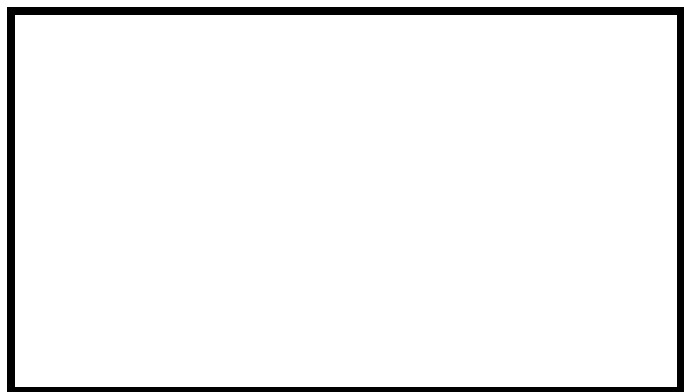
- ü **September 20, 2005 Lunch**
MN Board of Engineering
- ü **October 18, 2005**
Chilled Water Systems
- ü **March 21, 2006 Seminar/Lunch**
Energy Solutions
- ü **April 18, 2006 Lunch/Seminar**
Tour -TBD
- ü **June 2006**
Golf Outing

ASPE Meeting Schedule

*Submitted by Renae Torborg, Newsletter
Editor*

- September 21, 2005**
Backflow Prevention
- October 10, 2005**
ASPE Local Convention
- October 17, 2005**
Rib Eating Contest
- October 19, 2005**
Plumbing in Zero G
- November 16, 2005**
Plumbing Vent Basics
- December 21, 2005**
Valve Design and Application
- January 13, 2006**
Holiday Party
- January 18, 2005**
Water Conservation Techniques
- February 15, 2006**
Vacuum Technology
- March 15, 2006**
Siphonic Roof Drainage
- April 19, 2006**
“What’s in our Water?”
- May 17, 2006**
Plumbing for Rural Areas

Professional Directory



2005-06 Student Dinners Graciously Sponsored by:

Midwest Mechanical Solutions
R.M. Cotton Company
Schwab Vollhaber Lubratt
TMS Johnson



**Publication Deadline for the
November Exchanger; October 7 th.**

**All submissions must be in electronic format and should be emailed to the
Editor: Daniel Chudecke**

ñ ñ Society and/or Chapter dues Paid?

First **Yes/No** on Mailing Label = Society Dues

Second **Yes/No** on Mailing Label = Chapter Dues

INSIDE: Insert: October Meeting

