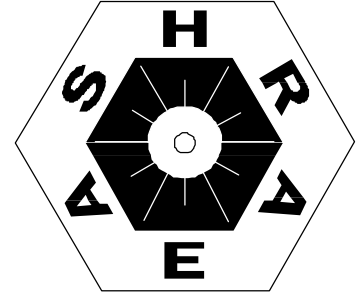
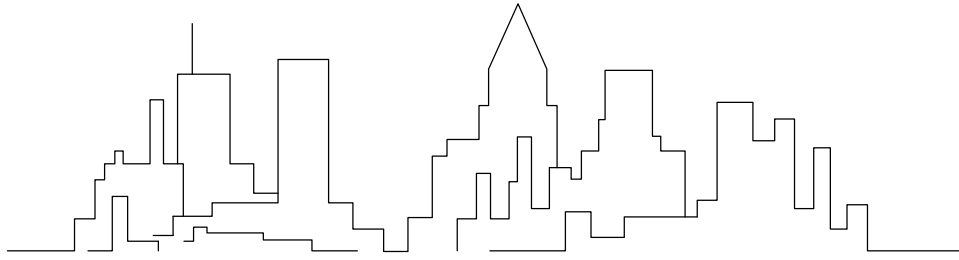


The EXCHANGER



Minnesota Chapter

www.mnashrae.org

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.
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Minnesota State Faculty Advisor	Patrick Tebbe	507-389-6383		

Presidents Corner

Submitted by Brian Shablow,

Dear Constituents,

I hope all are well, doing good work, and keeping in touch via WWW.MNASHRAE.ORG!

STUDENT NIGHT:

The sub-topic of the October Tour was Student Night. There were 19 students from Dunwoody, UofM and Mankato, what an awesome turnout! A GREAT JOB by the CTTC Committee chaired by Tim Manz and Todd Gray and the Student Activities Committee chaired by our George Rothenberger and Steve Schruers!

YEA (Young Engineers in ASHRAE):

Attention professional members age 35 and younger.....subscribe to the YEA Connection and get involved.

(http://cms.ashrae.biz/yea_connection/index.php).

As a Chapter WE need to make the change to inspire and support the young membership of ASHRAE! They need mentorship and encouragement to become involved with our Chapter through committee interaction and monthly meetings.

It is the Boards hope that Companies and Firms will please consider inviting and sponsoring YEA's to become members and to encourage them to attend a monthly meetings and seminars!

DUES:

Presently our Chapter operates from income acquired from Seminars, Golf Tourney, Product Directory, Sponsorship – Student Activities, and Dues.

Dues are a very important income component for Chapter Operations and have remained at \$30 for many years – and we hope to operate at this amount for years to come.

Our dues are acquired by you including to Opt-in the dues amount when renewing your membership with Society. It appears that there are members intentionally or un-intentionally Opt-out to include the Chapter dues.

PLEASE remember to include our Chapter dues when renewing your membership with Society.

RESEARCH PROMOTION:

Research Promotion is this months “sub-topic” – The Minnesota Chapter has a goal amount determined by Society. The MN Chapter committee is always looking for help and contributions from members and companies. Please

don't hesitate to contact our Chair person Duane Rothstein
(duane.rothstein@mcquay.com).

An important function within ASHRAE is its ability to fund Research Projects that provide critical information enabling ASHRAE to fulfill its mission of **“advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable work through RESEARCH, standards writing, publishing and continuing education”**.

The University of Minnesota Mechanical Engineering Program has and just recently is the recipient of Research Promotion monies.

I encourage all to contribute and be recognized as a member of the Minnesota Chapter!

In the mean time – MAKE IT A GREAT DAY!

Chapter Information

No More Paper Exchangers

As mentioned in the previous Exchanger, we will no longer be mailing out the Exchanger newsletters. This is being done for both cost and sustainability reasons. This shift to electronic only distribution will save money that can be put to better use throughout the chapter. Not publishing the Exchanger will also keep with ASHRAE's emphasis on sustainability. You will still occasionally receive mailings for various functions but not Exchangers. The Exchanger will be exclusively available online at our chapter web site of www.mnashrae.org. The board believes this is a more efficient and quicker method of disseminating information. Shifting to this type of communications has been successfully implemented by many different organizations. Just so there is no forgetting!

No More Paper Exchangers

Green Product Directory Released Submitted by Leighton Deer

In the spirit of ASHRAE's commitment to sustainability, MASDeC (the Minnesota ASHRAE Sustainable Design Committee) has developed a Green Product directory for those members interested in products and services that may be used to support sustainable and environmental design. Over 100 products are listed with information and links explaining how the product may save energy, reduce water usage, and improve indoor air quality. You can find the link on the main MN ASHRAE website or go directly to the product directory by clicking here: http://www.mnashrae.org/green_product_directory.html

The Green Product Directory was developed with the help of regional sales representatives to create a directory designed to educate and promote products that meet MASDeC's mission to advance energy and environmental performance of buildings through creation, exchange, and application of timely information about the art and science of heating, ventilation, air conditioning, and refrigeration (HVAC-R). LEED-NC Version 2.2 - the most widely accepted measurement of sustainable design, the Whole Building Design Guide, the MN Sustainable Design Guide, and Green Globes were used as the directory framework. While the directory listings are to be used as a valuable resource for sustainable engineering design, it is for informational purposes only and does not imply any endorsement by the MASDeC committee, ASHRAE, or any sustainable design rating systems.

MASDeC would like to thank all those who helped with the creation of the Green Product Directory and is looking forward to the continued development of the directory as the building industry moves toward innovative and environmental building performance. If you have questions regarding the Green Product Directory or would like to submit products for review, please email GreenProductDirectory@mnashrae.org and someone from the MASDeC committee will get back to you shortly.

University of Minnesota Receives Research Grant

Research promotion is not something we often think about in terms of our "home town". The belief by most members then becomes that there is no impact locally to our fund raising efforts. This however is not the case. It is time to celebrate a local success in getting some of that research money. Tom Kuehn and company at the University of Minnesota have been awarded another research project from ASHRAE.

This project is entitled: Method of Test to Evaluate Field Performance of Commercial Kitchen Ventilation Systems.

The project is for TC 5 10 (Kitchen Ventilation) and has a one year time frame. In total the University of Minnesota has been granted \$94,048 for this project.

Congratulations to Tom and the University of Minnesota.

Society Information

ASHRAE Headquarters Renovation

ATLANTA – Once completed, ASHRAE's renovated headquarters building in Atlanta will feature two separate HVAC systems as part of its role as living lab.

ASHRAE's Board of Directors has given the project its final stamp of approval. ASHRAE staff will move into temporary offices in September. The renovation is expected to be completed in June 2008 at an estimated cost of \$5.4 million. The renovated building will feature a new learning center and will serve as a living lab.

"The living lab will support the ASHRAE research program with a rich resource of data on building, system and equipment performance, a demonstration of performance monitoring, and space for 'real world' investigations in an operating building," said Bill Harrison, ASHRAE president-elect who serves as chair of the committee overseeing the project.

Complete information on the renovation can be found at www.ashrae.org/building.

Level one of the building will feature air-cooled multi-split variable refrigerant flow fan coil units with zoned inverter-driven outdoor heat pumps. Level two will feature ground source direct expansion heat pumps for cooling and heating.

Both systems will use a common dedicated outside air system (DOAS), served by a 100 percent outside air unit with energy recovery wheel, series desiccant dehumidification wheel, electrostatic enhanced filters and DX air-cooled R410 multi-stage compressor/condensers.

ASHRAE plans to apply for a LEED Gold certification under the U.S. Green Building Council's Leadership in Energy and Environmental Design rating system.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

AHR Expo Days Change

The upcoming AHR Exposition in New York City are not on the traditional Monday – Wednesday. This time the expo will be Tuesday –Thursday. The actual dates are: January 22nd, 23rd and 24th, 2008.

Check out www.ahrexpo.org for more details.

Upcoming Events

Minnesota Chapter Meeting & Event Calendar

October 9th, 2007 Dinner

Meeting Topic: Tour – Energy High Bridge
Plant – Tour at 5 pm – Dinner at 6:30

-Sub Topic Student Night

October 31st, 2007 Seminar

Joint Venture w/ AEE – 7 Seminars and
Product Show

November 13th, 2007 Lunch

Technical Committee Review

-Sub Topic Research Promotion

December 11th, 2007 Seminar

Meeting Topic: MASDeC

-Sub Topic - Membership

January 8th, 2008 Lunch

Meeting Topic: To Be Determined

-Sub Topic - History

February 12th, 2008 Seminar

Refrigeration Seminar

March 17th, 2008 Lunch

Meeting Topic: To be determined

April 8th, 2008 Seminar

Meeting Topic: Education Seminar

May 13th, 2008 Lunch

General Business Meeting

-Sub-topic: Installation of Officers/Past
Presidents Day/History

June 9th, 2006

Golf Outing

Northern Lights Chapter

To Be Announced

Rochester Section Schedule

To Be Announced

ASPE Meeting Schedule

To Be Announced

Professional Directory


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NAC

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President

Mechanical & Electrical Services

75 South Owasso Blvd.
Little Canada, Minnesota 55117
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651 230-7720 cellular
651 490-1636 fax
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**2007-08 Student Dinners
Graciously Sponsored by:**

TO BE DETERMINED!

Space for Rent

Space for Rent

**Publication Deadline for the
Next Exchanger; November 17th, 2007**

**All submissions must be in electronic format and should be emailed to the
Editor: Daniel Chudecke – dchudecke@mulcahyco.com**

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: November Meeting Notice