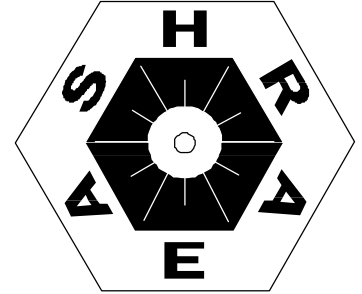
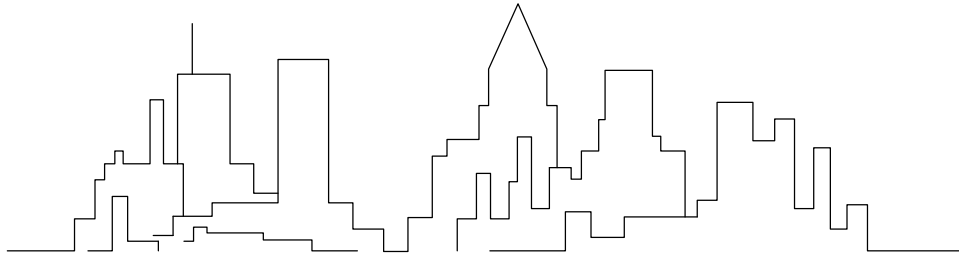


The EXCHANGER



Minnesota Chapter

www.mnashrae.org

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

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Presidents Corner

Submitted by Brian Shablow,

Dear Constituents,

I watched a bit of our state Senate while recovering this winter and our Representative's used this term to remind each other that it was each of their constituent's that should be considered before casting a vote.

Well, as your President and as member of the Board of Governors for the MN Chapter we must also hold dear the needs of the membership - our Constituents. BUT, this must be a two way street! We need to hear from one and all!

You always have direct access to officers and committee chairs via phone or email. HOW you ask? The internet – www.mnashrae.org. Your web master Al Tillman has been extraordinary about providing information and links to other websites that can be useful and helpful in ways you may not even suspect. CHECK IT OUT! If you need to be in the know – this is the place to start!!!

I make mention of this because at this website you will find information about the MN Chapter's MASDeC committee that is quite active regarding sustainability – being GREEN! We shall read more about the committee in future Exchangers. They have even discussed and implemented carpooling to a central location when getting together for committee meetings! AWESOME!

With that being said, please note that future EXCHANGER'S will not be distributed hardcopy. Our hope is that none will be inconvenienced, but those of you that are, can contact us and I am sure there is a solution to your challenge.

To all the PE's you must be aware of the need for PDH's to renew your License in 2008. There will be many opportunities to attend seminars and monthly meetings with 45-50 minute technical sessions.

I had hoped to see more members at the Social Event – Saint Paul Saints tailgating and game. With this fast paced culture these events are a great way for families to reunite – ideas for next summer's social event are welcomed!!!

Monthly Meetings – THE MORE THE MERRY!!!! They are a great setting for networking and getting design ideas from peers! Attend even if you do not plan on eating! I am sure we can find a juice box as a refreshment.

A "Hats Off" to last years President, Curt Ratajzak, he's not done yet though, we need him to stick around one more year as Past President! Experience is a wonderful thing and just so you know this will be Curt's eighth year of commitment to the MN ASHRAE Board of Governors - as was every past president before him! Don't forget to thank them all!

Lastly, I am the guy in the wheel chair and bow tie with suspenders! You might think I don't necessarily need suspenders but actually try sliding in and out of a wheel chair while keeping your pants right with you! September 12, 2007 is the first anniversary of my motorcycle accident that awarded me as a C1 incomplete and T3 complete paraplegic! I mention this with much love to THANK YOU ALL FOR YOUR THOUGHTS, PRAYERS, ENCOURAGEMENT AND LENDING ME A HAND TO MY ONGOING RECOVERY.

In the mean time – MAKE IT A GREAT DAY!

Chapter Information

No More Paper Exchangers

As mentioned in the Presidents corner, 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

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.

A Simple Way to be Sustainable

In the spirit of ASHRAE's commitment to sustainability, MASDeC (Minnesota ASHRAE Sustainable Design Committee) will be organizing carpools for future ASHRAE meetings and events. If you are interested in joining a carpool, or if you have any questions about carpooling, contact Dan Katzenberger at dkatzenberger@edilimited.com or (612) 343-5965. By joining a carpool you will save money, help to reduce road congestion, reduce pollution, reduce emissions of greenhouse gases, reduce oil consumption, be eligible to use the HOV lanes, be picked up at your door by a warm car, and most importantly, you will have the opportunity to exchange ideas and stories with other ASHRAE members on the ride to and from the meeting.

For the next meeting or two MASDeC will coordinate scheduling of carpools via e-mail and telephone. In the near future MASDeC hopes to be able to create lists of potential carpoolers based on pre-registrations for meetings (so remember to register early), and then send carpool invitations via e-mail based on ASHRAE members' work addresses. In the long term MASDeC would like to have an automated Web based carpooling map/database that would provide ASHRAE members the opportunity to create or join carpools based on their location and other carpooling preferences. MASDeC will also implement carpooling for their bi-monthly meetings, and we encourage other committees to carpool to their meetings as well.

To get an idea of the potential positive environmental impacts of ASHRAE carpools let's run some sample calculations. Assume: 9

meetings per year, 100 members per meeting, 10 mile average driving distance (one way), and 20 mpg average fuel economy. This results in driving 18,000 miles and consumption of 900 gallons of gasoline. What is this in terms of emissions estimates?

- § 50.4 kg (111.1 lb.) of hydrocarbon emissions
- § 376.2 kg (829.4 lb.) of carbon monoxide emissions
- § 25.0 kg (55.1 lb.) of nitrogen oxides
- § 8.2 tons (16,400 lb.) of carbon dioxide (greenhouse gas) emissions

At current IRS tax rates of \$0.485 per mile (low compared to AAA estimates), 18,000 miles costs drivers \$8,730. Divide this by the 100 members listed above and we see that each member is paying approximately, on average, \$87.30 per year to travel to and from ASHRAE meetings. Wouldn't you like to reduce this cost to approximately \$25.00? You can if you carpool.

If we could fill up 25 four person carpools for each meeting we could reduce our gas consumption by as much as 75%. This would reduce carbon dioxide emissions by ASHRAE members as much as 6 tons per year. So decide to carpool, contact Dan Katzenberger, and save your planet one meeting at a time.

Society Information

ASHRAE Debuts Blog

ASHRAE President Kent Peterson has started his own web log entitled "Green Bits" to spur on discussion amongst the membership. The blog not only allows him to personally share with the membership what is happening in the ASHRAE community, but also allows members to add to the discussion. Take a look for yourself at <http://cms.ashrae.biz/blog/>. It is an excellent opportunity for any individual to express their view points to the head of our society.

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

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President

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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; October 13th, 2007**
**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 Notice
October Seminar Notice
November Meeting Notice**