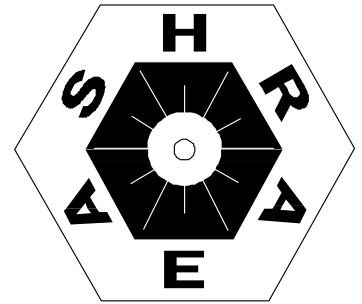
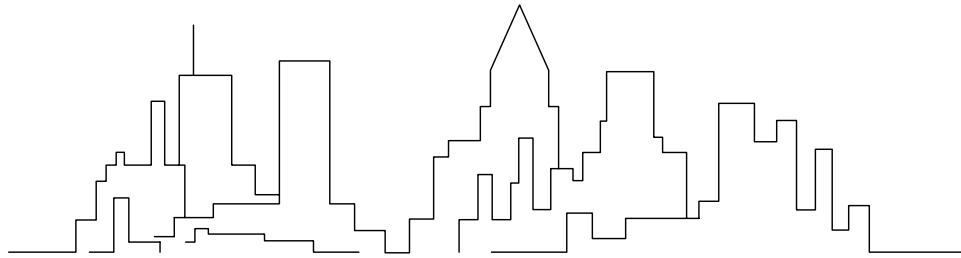


# The EXCHANGER



## Minnesota Chapter

[www.mnashrae.org](http://www.mnashrae.org)

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

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<b>Regional Historian</b>	Bill Murray	763-784-7490	763-786-8571	murraysbp@att.net

## President's Corner

*Submitted by Gary Grenzer, President*

The December meeting was well attended, with 58 members listening to John Clark's presentation on Kitchen exhaust ventilation updates. John illustrated many changes in the upcoming code which will affect our designs greatly in regards to kitchen ventilation and pointed out some interesting solutions to problems we face as kitchen designers. "The solution to pollution is dilution" was his favorite saying. Some of the code changes we will be seeing are a direct result of ASHRAE Research performed at the University of Minnesota. Through this study, ASHRAE was able to influence the code writing authorities on range hood exhaust duct velocities and dispel myths which have been embraced by the codes in the past. Through donations to ASHRAE Research, we gain meaningful insight, knowledge and respect to the point of positively influencing the direction in which an international code is written. Please continue that quest by donating to ASHRAE Research. Contact Rob Linder Our Chapter Research Committee Chair at 651-254-6881

The next meeting will be an evening meeting on January 14<sup>th</sup>, 2003. The topic will be Motors and VFDs- Bearing Wear

We have collected over 175 email addresses of members who have opted to receive the Exchanger in electronic form rather than by mail. This enables the chapter to save printing and mailing costs, while allowing earlier delivery (as much as two weeks) of the Exchanger. If you are interested in receiving the exchanger by E-mail, send an e-mail to our communications chair, Craig Johnson at [craig.johnson@atkinsamericas.com](mailto:craig.johnson@atkinsamericas.com)

Surf the Minnesota Chapter web site at [www.mnashrae.org](http://www.mnashrae.org)

The Minnesota Chapter will be donating a set of ASHRAE standards to the Walter Library at the U of M for use by students and ASHRAE members at large. This will take place during National Engineers Week on Monday, February 17<sup>th</sup>, 2003.

## Minnesota Chapter Meeting Minutes

*Submitted by Rick Hermans, Secretary*

The December chapter meeting was called to order by President Gary Grenzer at 12:15 pm. Gary introduced the members of the Board of Governors who were present.

Committee reports:

TEGA committee was reported by Ted Tio and Tim May, new co-chairs. They reminded the members that the deadline for Technology Award applications is February 17<sup>th</sup> and the forms are available on our web site, [www.mnashrae.org](http://www.mnashrae.org). The next TEGA committee meeting is 7:00 am Friday December 13, 2002 at Perkins on Riverside Ave.

Research Promotion was reported by Bob Linder. Last year our chapter was responsible for \$41,500 in donations. This is the second highest total in the nation.

This year there is \$7400 raised to date. We are on pace to match or exceed last year's amount.

Tom Olson made an endorsement of ASHRAE Research donations by using the Society dues paying process.

Gary asked for volunteers to serve on committees. Several committee chairs are rolling off next year. Look at the list of committees on the mast head of the exchanger and contact Gary to volunteer.

Rick Hermans announced that new state building code amendments are in public review process right now. The new draft rules

give building code officials discretion in requiring construction documents be affixed with professional design stamps from licensed designers. Comments on the new draft rules are being accepted by the administrative law judge until December 30<sup>th</sup>. The draft rules are available for review at [www.revisor.leg.state.mn.us](http://www.revisor.leg.state.mn.us). Look at Chapter 1300. Comments can be sent to Office of Administrative Hearings, 100 Washington Square, Suite 1700, Minneapolis, MN 55401-2138.

Gary asked for chapter members who would like the Exchanger sent by e-mail to send their address to him. Gary can be e-mailed at [ggrenzer@atsr.com](mailto:ggrenzer@atsr.com).

Program committee chairman Gary Fischbach introduced our lunch speaker John Clark of HGA who presented on the new kitchen ventilation rules. Requirements for exhaust velocity in ducts have been reduced. Designers are encouraged to use the new UL 710 exhaust volumes for grease hoods and adjust them up about 10% to account for system effects.

### **2003 Technology Awards – Application Deadline Approaching**

*Submitted by Ted Tio, TEGA Committee Co-Chair*

The Minnesota Chapter Technology Awards are given for projects in seven building categories and are intended to recognize Minnesota Chapter ASHRAE members for their commitment to innovative and energy-efficient design.

The technology award application form is enclosed in this issue of *The Exchanger* or can be found on the Chapter website at

[www.ashrae.org/standcom/tekawradapp.pdf](http://www.ashrae.org/standcom/tekawradapp.pdf). **Entering your project is easy!** Simply submit the one-page application form with a schematic diagram and a narrative of two pages or less. The applicant must be a current member of ASHRAE who had a significant role in the design or development of the project. The system must be built and operating. It is recommended that entrants confirm that the owner is willing to have the project entered.

Evaluation of the entries is based on energy efficiency, indoor air quality, innovation, operation and maintenance, cost-effectiveness, environmental impact and quality of presentation. **The best Award entry as judged by the Minnesota Chapter TEGA Committee will receive a \$100.00 cash prize.** For additional information about the judging criteria and how to organize and present your award application, go to [www.ashrae.org/standcom/judgcrit.html](http://www.ashrae.org/standcom/judgcrit.html).

The deadline for application submittals is February 7, 2003. Award winners will be announced at the Chapter meeting in March. The first place award winners and the building owners will receive plaques and the projects will be publicized in *The Exchanger*.

Entries should be sent to MN Chapter ASHRAE Technology Awards, Attention: Ted Tio, c/o Setter Leach & Lindstrom, 1100 Peavey Building, 730 Second Ave. South, Minneapolis, MN 55402.

Betsy Reed, Editor  
Gausman & Moore  
700 Rosedale Towers  
1700 West Highway 36  
Roseville, Mn 55113  
Phone: 651-604-3125  
[Betsy-Reed@attbi.com](mailto:Betsy-Reed@attbi.com)

**Minnesota Chapter  
2002-2003  
Meeting & Event Calendar**

- **October 8, 2002(Tuesday) Dinner**  
Meeting Sub-topic: None  
TOUR: ADC
- **November 12, 2002 (Tuesday)  
Seminar/Lunch**  
Meeting Sub-topic: Membership  
Health & Life Safety Seminar
- **December 10, 2002 (Tuesday) Lunch**  
Meeting Sub-topic: Research &  
Promotion  
New Kitchen Exhaust Requirements
- **January 14, 2003 (Tuesday) Dinner**  
Meeting Sub-topic: Student Night  
Motors, VFD's & Bearing Wear
- **February 11, 2003 (Tuesday)  
Seminar/Lunch**  
Meeting Sub-topic: History  
Refrigeration Seminar
- **March 11, 2003 (Tuesday) Dinner**  
Meeting Sub-topic: Membership  
Legal Issues Regarding Mold
- **April 8, 2003 (Tuesday)  
Seminar/Lunch**  
Meeting Sub-topic: Research & Promotion  
Education Seminar
- **May 13, 2003 (Tuesday) Lunch**  
Meeting Sub-topic: Installation of  
Officers/Past Presidents Day  
Reliant Energy Day
- **June, 2003**  
Golf Outing

**Rochester Section**

*Coming Soon!*

**ASPE Meeting Schedule**

*Submitted by Renae Torborg, ASPE  
Newsletter Co-Editor*

- **September 18, 2002**  
Fire Protection – History and Product  
Improvements
- **October 16, 2002**  
Commercial Clothes Washing
- **November 20, 2002**  
Valves
- **December 18, 2002**  
History of Plumbing
- **January 15, 2003**  
Fuel Oil Systems
- **February 19, 2003**  
Roof Drain Systems
- **March 19, 2003**  
Green Building Design – Waterless  
Urinals
- **April 16, 2003**  
Compressed Air System Piping
- **May 21, 2003**  
Elections & Awards; MN Plumbing Code  
Comparison

**Publication deadline for the February  
Exchanger; January 17. All articles and  
submissions must be in electronic format  
and should be emailed to the Editor**

## Professional Directory

*Submitted by Betsy Reed, Editor*

Business cards will be printed in *The Exchanger* for a fee of **\$10.00 per issue**. Requests to appear in the Professional Directory must be placed for the entire publication year, which typically consists of 8 issues, or for the balance of the publication year. Fees for a partial year will be pro-rated at the above rate. No single issue requests will be considered.

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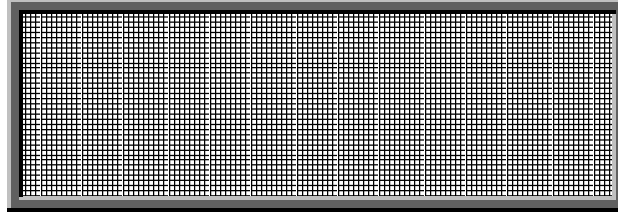
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**Society and/or Chapter dues Paid?**

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

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

**INSIDE: Insert: Next Chapter Meeting January 14, 2003**  
**Insert: TEGA Award Application**

**Professional Directory can be found inside.....**

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**Walt Kalen, Systems Management & Balancing of Minnesota, Inc.**  
**Bill Warner, Fabric Duct Systems, Inc.**