

FOG DISPENSER

Golden Gate Chapter



ASHRAE

VOLUME XLI - NUMBER 2

NOVEMBER 2002

November Meeting Notice

Date: Thursday, November 7, 2002

Place: Pacific Energy Center (www.pge.com/pec)
851 Howard Street (between 4th and 5th)
San Francisco, CA 94103

Cost: \$35 for GGASHRAE members and guests **if reserved prior to noon on November 5th.**
\$42 for non-members or if reserved after November 5th or walk-in
Students no charge, but please reserve anyway
Voucher 8 meetings for the cost of 7 \$250 total transferable within your company.

Time:

5:30 pm Social Hour and Registration

6:30 pm Dinner

7:30 pm Program – Sanjay Aggarwal, P.E.
“Smoke Control Design and Testing Developments”

Please reserve on-line by visiting www.ggashrae.org and clicking on “Meetings”, and click on “Nov. 7”, fill out the form and send.

Or send an email with names, company and phone number to reservations@ggashrae.org

Or use the fax form in the Fog Dispenser.

November Program:

Speaker: Sanjay Aggarwal, P.E.
Smoke Control Design and Testing Developments

This presentation will give an overview of the smoke control design and testing provisions in San Francisco. It will focus on the new ideas that are being used for the design and performance evaluation of smoke control systems. The concept of green buildings using



natural ventilation for smoke control purposes will be discussed. In addition, the role of computer modeling for smoke control system design and for the purpose of system performance evaluation will be discussed.

Mr. Aggarwal is a Consulting Engineer in the San Francisco area

office of Rolf Jensen & Associates, Inc (RJA). He has a M.S. degree in Fire Protection Engineering and is a registered Fire Protection Engineer in the State of California. His smoke management system experience includes development of smoke management design approaches and acceptance testing criteria for atria, airports, shopping malls, conference centers and high-rise buildings. He has used mathematical and computer models for smoke movement calculations and for analyzing the performance of building smoke management systems.

Golden Gate Chapter President's Message

November 2002

How to become a successful Chapter President?

The answer to this is simple; just surround yourself with an energetic, intellectual, hardworking, and dedicated staff. Let me start off by saying a little something about the Board Members. From the top, there is Bob Levi our President-Elect and Fog Dispenser chief editor. He has set-up and coordinated a program with great speakers that I think everybody should check out (the information is posted on our website – click on Meetings). Then there is Jon Wintermeyer; our Secretary, who takes all of the meeting minutes and recently completed the turnover of the balanced Treasurer's books with completed tax filings to Cory Palmer, our new Treasurer. Cory's work will be a lot easier because of that, and I know that Cory will do just as great a job as Jon did. Next, there is Glenn Friedman. Although he is a new Board Member, he has been involved with ASHRAE at the Regional and Society levels. His experience and unselfish advice is making the work of committee chairs a lot easier. And last, but definitely not least there is our past President, Joe Oliver, (who has handed me this prestigious task) who is still active.

It brings me great happiness to see our Committee Chairs energetically working on their tasks, and for that I would like to acknowledge them. First, there is Jon Malkovich, Research Promotion Chair. Jon started by attending the Research Promotion Workshop in Las Vegas in August, and he is the first Committee Chair to state his goals on our website – click on Committees. Next, there is Chris Papadimos, our Membership Committee Chair. Chris has promised to increase our paying membership by making sure that application forms will be available at every meeting. Please check out the Committee chairs on the website. These are dedicated members who are making a difference.

I would also like to acknowledge our student chapter at U.C Berkeley. They have been very active under the leadership of Jane Lin who is also the Fog Dispenser editor. I would like to say thank you to our Webmaster Robert Marcial, whose timeless effort keeps our website a model for all of ASHRAE.

I would also like to say thank you to Nicolina Guiliano who keeps the Marble Game going, and to Kirk Peterson, our Golf Chair person, who raised over \$7,000 towards scholarships during the June 2002 tournament.

Lastly, I would like to welcome our new Reception Chair, Paul Christianson, who I hope will become more active in ASHRAE.

Respectfully submitted

Edgar De Guzman

2002-2003 ROSTER

The Golden Gate and San Jose Chapter will be combining their efforts this year to produce the first ever Bay Area ASHRAE Roster.

We want your feedback on the format of the roster

- Should it be printed or electronic?
- If electronic, what format should it be in?

Please give the Chapter Board your feedback on what you would like to see. Visit the chapter website www.ggashrae.org and click on Announcements, and click on Roster Survey. Complete the on-line form and send it to us with your comments no later than November 5th. Thanks for your input.

2002 – 2003 GOLDEN GATE ASHRAE PROGRAMS

DATE	LOCATION	PROGRAM	SPEAKER
Dec. 5	San Mateo Marriott (Joint with San Jose)	The ASHRAE Member's Legal Survival Guide	Maralynne Flehner, Esq. Distinguished Lecturer
Jan. 9 LUNCH	Carnelian Room San Francisco	Primary only vs. Primary/Secondary Chilled Water Supply	Steve Taylor Taylor Engineering
Feb. 6	East Bay	Joint meeting with Bay Area U.S. Green Building Council Panel Discussion on Underfloor Air Distribution	Engineer, Owner Architect, CBE member
Mar. 6	Embassy Suites, San Rafael (Joint with Redwood Empire)	DDC Design Practical Examples and Rule of Thumb Checks	Frank Shadpour Distinguished Lecturer
Apr. 3	Pacific Energy Center	Science Fair and Scholarship Winners	Students
May 1	Field Trip	TBA	
June 5	Carnelian Room San Francisco	Spouse Night	TBA

ASHRAE STUDENT CHAPTER

As one of our first events for the year, the UC Berkeley Student Chapter held a BBQ at Cordonices Park in Berkeley on October 19, 2002. Many students from the different departments and ASHRAE members (President Edgar Deguzman, Chair of Student Activities Wasil Popov, and Glenn Friedman) attended and spent a beautiful Saturday together. We talked about upcoming events such as building tours and the proposal of a "green" debate at school. Frisbees and footballs flew and we all planned to get together again for the November 6th monthly meeting. Many thanks to the Golden Gate Chapter for all your support and involvement!

Those interested in joining the ASHRAE Student Chapter at UC Berkeley should contact: janelin@uclink.berkeley.edu

Check out our web page: <http://arch.ced.berkeley.edu/groups/gard>

STUDENT SPONSORS

Thank you to the following members for sponsoring a student at the October Meeting:

Cory Palmer – Norman Wright Mechanical Equipment

Jon Malkovich – Edward B. Ward & Co.

Kirk Peterson – Edward B. Ward & Co.

Nicolina Guiliano – Johnson Controls, Inc.

MARBLE DRAW

Thank you to California Hydronics Corporation for sponsoring the Marble Draw at the October meeting.

If you would like to sponsor the prizes for future Marble Draw raffles, please contact Nicolina Guiliano at nicolina.j.guiliano@jci.com

ASHRAE RESEARCH REPORT

The 2002-03 ASHRAE Research year is off to a great start! Many of you have already given, either through me, or directly to ASHRAE Research when renewing your Society membership. Thank you for your donation. To those that have not donated, I look forward to talking with you. Remember all donations are tax deductible, and you may use a check or credit card.

The following corporations and individuals have donated on the Honor Roll level or above for this year.

Corporate Honor Roll Investors (\$150.00 or more)

<i>Belimo Air Controls</i>	<i>R. F. MacDonald Company</i>
<i>Kent M. Lim & Company</i>	<i>Syserco Incorporated</i>
<i>Laws and Associates</i>	

Individual Honor Roll Investors (\$100.00 or more)

<i>Edward Arens</i>	<i>John Kniveton</i>	<i>Shlomo Rosenfeld</i>
<i>Richard Charles</i>	<i>Robert Levi</i>	<i>Mike Scofield</i>
<i>Edgardo De Guzman</i>	<i>Hendrik Mouw</i>	<i>Dennis Thompson</i>
<i>Kevin Dowling</i>	<i>Cory Palmer</i>	<i>Robert Voelz</i>
<i>Glenn Friedman</i>	<i>Jack Palmer</i>	<i>Jon Wintermeyer</i>
<i>Carl Jordan</i>		

If you contributed at the "Honor Roll" level last year, you are entitled to a gift. A medallion, picturing a prominent HVAC&R engineer is available as ASHRAE's way of saying thank you. If you would like your medallion, or if you are interested in making a donation, please contact...

ASHRAE Research

Jon Malkovich
2301 Arnold Industrial Way, Suite C
Concord, California 94520
925.688.1369 x4
jon.malkovich@ebward.com

TEGA COMMITTEE

The Technical, Energy and Government Activities (TEGA) committee is an important part of ASHRAE, not only for Society but for the Regions and the Chapters as well. The TEGA committee is assigned with the responsibility of transferring technical information between the Chapters and the Society and the Society and the Chapters. TEGA assists in planning and administering technical activities within the Chapters and with the local community (local and state/provincial public affairs). Chapter Refrigeration activities are also coordinated by TEGA beginning with the 2000-2001 Society year. Other responsibilities include: informing chapter members of available ASHRAE technical material; encourage chapter members participation in technical activities at local, Regional and Society level; provide Chapter input to Society on Standards, Publications, Research, Handbook, and Position Documents and the Technology Council (TCs). TEGA also assists the chapters in: developing local and Regional recognition of ASHRAE's authoritative position; responding to public issues within ASHRAE's scope; developing liaisons with the local community regarding technical issues. TEGA also administers awards programs: Technology Awards; Government Activities Awards; Dan Mills Award.

To that end the GG ASHRAE TEGA Committee will function to satisfy these and other needs for our Chapter members, our clients and our community. The TEGA Committee will be working closely with the Code Committee to work on these issues.

We will be creating a TEGA website at the chapter website soon to meet these needs, stay tuned! If you would like to get involved, contact me at: swayland@rumseyengineers.com or at (510) 508-2244.

Scott Wayland, TEGA Chair

ANNOUNCEMENT

All parts of the 2001 California Code of Regulations Title 24 will become effective on November 1, 2002!

They are available from the following publishers or your local technical bookstores. Stay current with the State's Building, Mechanical, Plumbing and parts of the Title 24 Code!

**Part 1, California Administrative Code, and
Part 2 (2 Volumes), California Building Code, and
Part 7, California Elevator Safety Construction Code, and
Part 8, California Historical Building Code, and
Part 10, California Code for Building Conservation, and
Part 12, California Building Standards Code:**

International Conference of Building Officials (ICBO) www.ICBO.org -or- 1-(800) 284-4406

Part 3, California Electrical Code:

National Fire Protection Association (NFPA) www.NFPA.org -or- 1-(800) 344-3555

Part 4, California Mechanical Code, and

Part 5, California Plumbing Codes:

International Association of Plumbing & Mechanical Officials www.IAPMO.org -or- 1-(800) 854-2766

Part 9, California Fire Code:

Western Fire Chiefs Association (WFCA) www.wfca.com -or- 1-(800)785-3473

MINUTES OF OCTOBER 3, 2002 MEETING

Location – Carnelian Room, Bank of America Building, San Francisco

- Pre-meeting Technical Seminar by Joe Schaefer, of Griswold Controls, sponsored by Cal Hydronics
- Called to order at 6:30 PM. by Chapter President Edgar DeGuzman
- Self Introductions – All those Members in attendance and their invited Guests were recognized
- Jon Malkovich, Research Promotion Chair, asked for contributions to ASHRAE Research as the campaign year starts for our Chapter
- Bob Levi, Presented the outline of Chapter Programs for the upcoming year, including locations and those that are combined meetings with our affiliated ASHRAE Chapters or other Organizations
- Chris Papadimos, Membership Chair, noted the new program incentive for increasing membership.
- Jane Lin, UCB Student Chapter President and Newsletter Editor, told the group about the latest activities for the student chapter
- Dean Borges, Region X ASHRAE Historian spoke on the importance of Chapter History and learning for the Chapter Mentor's.
- It was noted that Past Chapter President and ASHRAE Life member Karl Guttmann had suffered a stroke and was recuperating. Note was made to his friends to send get-well cards and/or to contact him.
- Edgar DeGuzman and Bob Levi presented the Eric Thor Andresen Scholarship to Gwelen Pagliaga
- Marble Draw – Bob Levi held the lucky ticket, but alas did not draw the prize winner, so the pot rolls over to the November Meeting
- Bob Levi encouraged all attendees to fill out and return before leaving, the Legal Education Survey that was available on all the tables.
- Ben Sun, Publicity Chair was resident photographer for the evening
- Mike Gabel, of Gabel Associates was the main speaker. He spoke about the “Gas vs. Electric Heating in the Current Title 24 Performance Standards”
- Meeting adjourned at 8:43 PM.

Minutes by Jon Wintermeyer

ASHRAE GOLDEN GATE CHAPTER - DINNER RESERVATION FAX

For November 7, 2002

Please reserve prior to **Tuesday noon, November 5th**

Please reserve on-line by visiting www.ggashrae.org and click on "Meetings", and click on "Nov. 7", fill out the form and send.

Or send an email with names, company and phone number to reservations@ggashrae.org

Or FAX the following form to Glenn Friedman (510) 749-9136

Members with vouchers – you too – must send in your reservation. We need to know how many meals to request.

Please cancel your reservation if you cannot attend. Cancellations must be received by November 5th.

FROM: _____

COMPANY: _____ Phone: _____

Please make _____ reservation(s) for the following people (fill in names below):

ANNUAL MEAL VOUCHER

The Golden Gate Chapter is again offering discount meal vouchers. Purchase a Meeting Voucher and all of your meetings for the year are paid for.

Meeting vouchers cost \$250.00 for the remaining eight meetings – buy seven and get eight!

These vouchers are transferable within your company. If you cannot make a meeting, then someone else from your office can attend. Purchase these vouchers at the November meeting.

Change of Address?

All members who wish to make changes in their membership data (change of address or change of employer are the most common) must make those changes through the national ASHRAE site <http://www.ashrae.org>. In order to do this, you will need your ASHRAE member number and confidential PIN number, both of which are on the ASHRAE card issued to you each year. Go to the Change of Address link of the ASHRAE web site, log in, then to Membership Records. If you don't have your PIN or membership card, please call ASHRAE Member Services: 1-800-5-ASHRAE.

OCTOBER MEETING PHOTOS



Left: Speaker Mike Gabel, Bob Levi and Edgar DeGuzman



Right: Joe Schaefer of Griswold Controls conducting the technical session



Left: Golf Chair Kirk Peterson is recognized by Edgar DeGuzman for his efforts to organize the June 2002 tournament



Right: Steve Taylor, Robin James, Tami Holderby, and Amy Cervantes



Left: Regional Historian and former DRC Dean Borges



Right: UCB student Gwelen Paliaga accepts the Eric Thor Andresen Scholarship Award from Edgar DeGuzman



Left: Cory Palmer and Glenn Friedman will take your money



Right: Jon Malkovich asks for Research Promotion Investments

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