

THE HOT AIR DIFFUSER IDAHO CHAPTER NEWSLETTER

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PRESIDENT'S MESSAGE

Welcome to 2007!

We have an exciting stretch ahead of us; but first, many thanks go to Roger Dean for a great program on St Luke's conservation improvements and the hospital tour for our December meeting.

Our legislature may be grappling with adopting the 2006 energy code. The preliminary work has been interesting, to say the least.

We will be putting together our Technical Seminar for May when ASHRAE President Terry Townsend will be visiting us and speaking at the seminar. Be sure to mark your calendars for May 15 and 16. This is one of our best events for education and training at a reasonable price. It also helps fund our scholarship program for BSU and U of I mechanical engineering students and our research promotion efforts.

Also, plan for the golf tournament in June. Dave Musgrove has offered to organize the tournament so let's get on board with hole sponsorships, prizes and talented, fun loving teams. Offer to give Dave a hand so we will have another great tournament. This tournament is our reward for a great year and the opportunity to help achieve our ASHRAE Research goal.

The Acronym Game still has a bottle of wine to give away so this month bring an acronym for "Fiesta Bowl Champs." Those in attendance at the meeting will vote to determine the winner.

I am looking forward to seeing you all at our next meeting. Bring a prospective member(s) and let's show them what we are all about.

Arden Davis
President

JANUARY PROGRAM

Topic: UVB Light in Air Handlers
When: 1/12/07—11:45 a.m.-1:00 p.m.
Where: Idaho Power Building @ 1222 W. Main St.

There has been a change to the original programs schedule. January's speaker will be Dave Kueneman of Sterile-Aire, who will be presenting on the use of UVB light to sterilize air and keep coils clean in air handlers. Dave told me that he is going to join our chapter, so please show up and give him a warm welcome.

An additional change to the schedule is that we have secured Verle Williams, an ASHRAE Distinguished lecturer, to come to Boise on March 9th and present on "Using your control system to aid in Commissioning central plants and complex HVAC systems." We will be hosting a 1.5-hour technical session prior to the meeting that will provide an in-depth discussion on commissioning central plants.

I look forward to seeing you there,

Roger Dean
CTTC Chairman

ASHRAE PUBLISHES USER'S MANUAL FOR STANDARD 62.2

ATLANTA - A new book from ASHRAE will aid users in designing and constructing homes and apartments that comply with its residential ventilation and indoor air quality standard.

The User's Manual is the first for ASHRAE Standard 62.2-2004, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings, which provides the minimum requirements necessary to achieve acceptable indoor air quality for dwellings.

The manual was co-developed by the Indoor Air Quality Association. "The 62.2 User's Manual will provide HVAC engineers and IAQ consultants with practical information to ensure that ventilation positively affects the indoor environment," Robert G. Baker, IAQA president and ASHRAE Member, said. "IAQA was pleased to be a co-sponsor of this dynamic publication."

The manual explains how to comply with all the requirements of the standard, provides examples illustrating specific methods of complying with sections of the standard, and includes background material explaining why many of the requirements of the standard exist, according to Roger Hedrick, who co-authored the book.

The manual is targeted toward builders and subcontractors, but will also be useful for code officials, researchers, and interested homeowners.

"The manual has been developed as a document that will accompany Standard 62.2 and provide guidance for applying its requirements to the design and construction of residential buildings," David Grimsrud, chair of the Standard 62.2 committee, said. "It serves as a guide to clarifying issues for users."

The cost of the 62.2 User's Manual is \$45 (\$36, ASHRAE members). To order, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 404-321-5478, by mail at 1791 Tullie Circle NE, Atlanta, GA 30329, or visit the ASHRAE.org Bookstore at www.ashrae.org.

ASHRAE, founded in 1894, is an international organization of 55,000 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.

IAQA, founded in 1998, is an international organization of 5,200 members. IAQA is a non-profit, multi-disciplinary organization, dedicated to promoting the exchange of indoor environmental information, through education and research, for the safety and well being of the general public. For more information, visit www.iaqa.org.

HISTORY LESSON

IDAHO CHAPTER HISTORY LESSON FOR JANUARY

Five years ago

The chapter president was Greg Hobbs. The meeting was held on January 11, 2002 at the Double Tree Riverside. Kathy Sanders Martin, Custom Business Projects, gave a presentation on marketing strategies for small businesses.

Ten years ago

The chapter president was Chuck Keene. The meeting was held on January 10, 1997 at the Red Lion Riverside. Jack Rayne, Idaho Division of Building Safety, gave a one hour technical session on changes in the 1994 Uniform Building Code and Uniform Mechanical Code compared to the 1991 codes. The lunch topic, also by Jack Rayne, was changes that have occurred since the Department of Labor and Industrial Services has changed to the Division of Building Safety.

Fifteen years ago

The chapter president was Ken Tewksbury. The meeting was held on January 12, 1992 at The King's Table Restaurant. John Austin and Larry Fettkether gave a presentation on the Veterans Administration Geothermal Project.

Twenty years ago

The chapter president was Adrian Fannin. The meeting was held on January 9, 1987 at the Kings Table Restaurant. Wayne Dorband, Snake River Associates, gave a presentation on the asbestos hazard and what is being done about it.

JOKE OF THE MONTH

"Clothes are the lowest priority for an engineer, assuming the basic thresholds for temperature and decency have been satisfied. If no appendages are freezing or sticking together, and if no genitalia or mammary glands are swinging around in plain view, then the objective of clothing has been met. Anything else is a waste."