



ASHRAE

THIN-AIR BULLETIN

American Society of Heating, Refrigeration, and Air Conditioning Engineers NM Chapter Region IX Albuquerque, NM - DEC. 2010

December Dutch Social Meeting

President's Message

ASHRAE NM Dutch December Social

This month we will hold a Social event at Billy's Long Bar. The goal is to promote membership and receive feedback on subjects from past speakers, gather any requests for future speakers and ideas for future tech sessions. We would also like to get suggestions on what members would like to see on the website, and get input from membership in regards to local chapter activities. This will be a very casual get together and we hope to see as many of you there as possible! Come have a few laughs with those in the Organization.

Bring a Non Member and get a Prize.

WHEN: Friday December 17. 2010
Starts at 12 pm Noon tell.....?????

COST: Dutch or At Your Own Cost

WHERE: Billy's Long Bar - San Mateo

ASHRAE Members,

I hope you all had a safe and enjoyable Thanksgiving weekend, as December is upon us we look forward to seeing everyone at our annual winter social meeting. I want to thank everyone for the effort and attention to this year's meetings so far, we have had great turn outs at each meeting and the board would like to thank you for your support. Charlie Scoggins is doing a great job with our speakers and if you have any ideas for future speakers or topics please get in touch with him to discuss.

With the season upon us we hope you will be safe and enjoy your Holidays. If you cannot make it out to the December social we look forward to seeing you at our January lunch meeting. Thanks again for all your support and have a Merry Christmas and Happy New Year!

SPECIAL NOTE:

The NM ASHRAE Chapter is planning an All Day Technical Session around for March 15th meeting. Please submit any ideals / topics that you would like to be considered for this to Allen@wmcarroll.com. Also looking for a couple of volunteers to help with the organization of this event. The following topics are currently on the table:

- ASHRAE 189.1-2009 – Standard for Design of energy efficient buildings
- ASHRAE 90.1-2010 – Energy Standards for buildings, except low rise residential
- ASHRAE 62.1-2010 – Ventilation for Acceptable Indoor Air Quality
- AHRI-1230 Performance Ratings of Variable Refrigerant Flow Multi-Split Systems
- Chiller Fundamentals
- Centrifugal Chiller Fundamentals
- Designing of Air Handlers (Do's & Don'ts)

J.R. Sunderman
President NM ASHRAE Chapter 2010-2011



Membership:

Don't forget to promote ASHRAE and Benefits of ASHRAE Membership with your co-workers and customers.

Welcome New Members: Calvin Steckler and Stephen Carpenter

Have a Merry Christmas & Happy Holiday Season!

Thanks,
Allen Anaya

From the History Books

AUGUST 2001

Chapter Officers were:

President:	Nick Nellos
President-elect:	Tom Watters
Secretary:	Jim Asperger
Treasurer:	Mike Dunavant



At the CRC Meeting in Wichita, the Chapter received the Full Circle Award for Research Promotion. Ed Faygal received the following PAOE awards: Special Citation, Star & High Honor Roll and Gary Grange received a Gold Ribbon in History for the 1st time Chapter History.

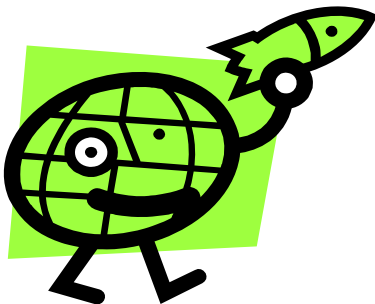
Society News Releases:

Up to this point the Chapter has not done much with the Society News Release provided to our chapter for distribution to our Members through the monthly news letter.

It is becoming apparent as the focus on Building HVAC Systems becomes more prevalent that these News releases and easier access to them may be of more benefit to the Chapter Members than before. Therefore we are looking at ways to easily and effectively provide access to these reports.

A web page is being developed, <http://www.newmexicoashrae.org/thin-air-bulletin/thin-air-society-news-releases/>, with links to the news releases. While it seems that providing the releases within the Thin Air Bulletin would be the best way it would increase the size of the publication significantly since there have been seven (7) news releases in November alone. Below is the last news release for example of content

We are accepting recommendations and comments on the current approach through the website. Thanks



www.newmexicoashrae.org

User's Manual Key to Meeting Requirements of the Green Standard Release Dec 1, 2010

ATLANTA—Knowing what to do is not the same as knowing how. A new User's Manual educates industry professionals on how to meet the requirements of a green building standard published by three leading industry organizations.

Standard 189.1-2009, *Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings*, was published earlier this year by ASHRAE in conjunction with the Illuminating Engineering Society of North America (IES) and the U.S. Green Building Council (USGBC). The standard provides a long-needed green building foundation for those who strive to design, build and operate green buildings.

A newly published User's Manual is now available.

"Because of the breadth of the key topic areas covered in the standard – site sustainability, water use efficiency, energy efficiency, indoor environmental quality and the building's impact on the atmosphere, materials and resources – it is important for users to have a thorough understanding of how they come together to create a sustainable building," Kent Peterson, former chair of the Standard 189.1 committee, said. "The User's Manual aids architects and engineers in applying the standard to design; general and specialty contractors in constructing buildings that are in compliance; and plan examiners and field inspectors in enforcing the standard where adopted into code."

The new User's Manual provides explanations of the standard's requirements and examples of its application. It contains sample calculations, forms to demonstrate compliance and references to helpful resources and websites. This User's Manual can also be suitable for use in educational programs.

For complete information on the standard, including a readable copy, visit www.ashrae.org/greenstandard.

Standard 189.1 also serves as jurisdictional compliance option to the International Green Construction Code authored by the International Code Council, ASTM International and the American Institute of Architects.

To order, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 404-321-5478, or visit www.ashrae.org/bookstore. The cost of the Standard 189.1 User's Manual is \$93 (\$79, ASHRAE members)

ASHRAE Learning Institute

Seminars & Courses at ASHRAE's Winter Conference in Las Vegas, NV

2 WAYS TO REGISTER

Internet: www.ashrae.org/lasvegascourses

Phone: Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)



ASHRAE
LEARNING INSTITUTE

Full Day Professional Development Seminar

\$485/\$395 ASHRAE Member -- Earn 6 PDH/.6 CEU or 6 AIA LU credits

The Commissioning Process in New & Existing Buildings

Saturday, Jan 29 – 8:00 a.m. to 3:00 p.m.

Healthcare Facilities: Best Practice Design and Application

Saturday, Jan 29 – 8:00 a.m. to 3:00 p.m.

Complying with ASHRAE/IES Standard 90.1-2010

Saturday, Jan 29 – 8:00 a.m. to 3:00 p.m.



Implementing Energy Management in New and Existing Buildings: A Sustainable Activity

Saturday, Jan 29 – 8:00 a.m. to 3:00 p.m.

Integrated Building Design

Saturday, Jan 29 – 8:00 a.m. to 3:00 p.m.

Energy Modeling Best Practices and Applications: HVAC/Thermal

Tuesday, Feb 1 – 9:00 a.m. - Noon, 2:00 p.m. - 5:00 p.m.

Half Day Short Courses

\$159/\$119 ASHRAE Member -- Earn 3 PDH/.3 CEU or 3 AIA LU credits

Fundamental Requirements of ASHRAE Standard 62.1-2010

Saturday, Jan 29 – 8:00 a.m. to 11:00 a.m.



Application of Standard 62.1-2010: Multiple Spaces Equations & Spreadsheet Calculation

Saturday, Jan 29 – Noon to 3:00 p.m.



Understanding Air-to-Air Energy Recovery Technologies and Applications

Sunday, Jan 30 – 2:00 p.m. to 5:00 p.m.

Chilled Beam Technology for Excellent Indoor Climate in an Energy Efficient Manner

Sunday, Jan 30 – 2:00 p.m. to 5:00 p.m.

Using Standard 90.1 to Meet LEED Requirements

Sunday, Jan 30 – 2:00 p.m. to 5:00 p.m.

The Commissioning Process & Guideline 0

Monday, Jan 31 – 2:30 p.m. to 5:30 p.m.

Determining Energy Savings from Performance Contracting and LEED Projects: M&V

Monday, Jan 31 – 2:30 p.m. to 5:30 p.m.

Understanding Standard 189.1-2009 for High-Performance Green Buildings

Monday, Jan 31 – 2:30 p.m. to 5:30 p.m.

Understanding & Designing Dedicated Outdoor Air Systems (DOAS)

Tuesday, Feb 1 – 9:00 a.m. to Noon

Low Temperature Radiant Heating & High Temperature Radiant Cooling Systems

Tuesday, Feb 1 – 9:00 a.m. to Noon

Successful Solar Applications for Commercial & Industrial Facilities

Tuesday, Feb 1 – 9:00 a.m. to Noon

Avoiding IAQ Problems: Using ASHRAE's New IAQ Guide

Tuesday, Feb 1 – 2:00 p.m. to 5:00 p.m.

District Cooling & Heating Systems: Central Plants

Tuesday, Feb 1 – 2:00 p.m. to 5:00 p.m.

Designing Toward Net Zero Energy Commercial Buildings

Tuesday, Feb 1 – 2:00 p.m. to 5:00 p.m.



Get web-based training you can trust, anytime, anywhere, and earn PDHs/CEUs in the process.

- Energy Efficiency
- High-Performance Green Buildings
- Data Centers
- HVAC&R

Train around your schedule.

Save time and travel expenses.

Visit www.ashrae-elearning.com

ASHRAE Certification Programs

Take advantage of ASHRAE's special pencil & paper administration of our certification examinations on Wednesday Feb. 2, 2011, in conjunction with the 2011 ASHRAE Winter Conference.

- Building Energy Assessment Professional (BEAP)
- Building Energy Modeling Professional (BEMP)
- Commissioning Process Management Professional (CPMP)
- Healthcare Facility Design Professional (HFDP)
- High-Performance Building Design Professional (HBDP)
- Operations & Performance Management Professional (OPMP)

For more info, visit

www.ashrae.org/lasvegascertification

New Publications from ASHRAE

- Standard 189.1-2009: Standard for the Design of High-Performance Green Buildings (A Jurisdictional Compliance Option of the IGCC)*
- Standard 189.1-2009 User's Manual (A Jurisdictional Compliance Option of the IGCC)*
- ASHRAE GreenGuide 3rd Edition – The Design Construction, and Operations of Sustainable Buildings*
- ASHRAE Standard 90.1-2010: Energy Standard for Buildings Except Low-Rise Residential Buildings*
- ANSI/ASHRAE 55-2010 – Thermal Environmental Conditions for Human Occupancy*
- ANSI/ASHRAE 62.2-2010 – Ventilation for Acceptable Indoor Air Quality in Low-Rise Residential Buildings*
- ANSI/ASHRAE 62.1-2010 – Ventilation for Acceptable Indoor Air Quality*

Package:

- ANSI/ASHRAE 15-2010 – Safety Standard for Refrigeration Systems*
- ANSI/ASHRAE 34-2010 – Designation and Classification of Refrigerants*

Visit www.ashrae.org/bookstore to order