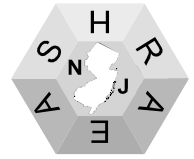




THERMOGRAM



The New Jersey Chapter of ASHRAE Newsletter

WWW.NJASHRAE.COM

SEPTEMBER 2006

REPLY@NJASHRAE.COM

CHAPTER OFFICERS

PRESIDENT

JORI FAHRENFELD
609-520-1600

PRESIDENT - ELECT

PETER FRANGISKOU P.E.
201-945-9999

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MARK RICHTER P.E.
212-354-5656

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MARK MCLEOD
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YOGESH SHAH P.E.
201-447-6400

CHRIS PHELAN
973-777-6700

RUSS GRAHAM
908-663-2189

COMMITTEES

MEMBERSHIP

CHRIS PHELAN
973-777-6700

RESEARCH PROMOTION

YOGESH SHAH P.E.
201-447-6400

STUDENT ACTIVITIES

PETER FRANGISKOU P.E.
201-945-9999

REFRIGERATION

JIM CASEY

ROSTER/DIRECTORY

OPEN

OCTOBER 5, 2006

WOODBIDGE SHERATON
ROUTE 1, GILL LANE, ISELIN, NJ

**COST \$50.00 MEMBERS, \$55.00 GUESTS &
\$5.00 STUDENT**

RSVP TO:

**WWW.REPLY@NJASHRAE.COM
NO LATER THAN OCT 4TH**

**4:30 BOARD OF GOVERNORS MEETING
5:30 GUEST REGISTRATION / COCKTAIL HOUR
6:30 CHAPTER ANNOUNCEMENTS
7:15 DINNER AND PRESENTATION**

DINNER TOPIC:

"COMBUSTIBLE AND TOXIC GAS DETECTION"

PRESENTED BY MR. ALFRED LYON, ACCARDI COMPANIES

"Speaker will present on gas detection theory, applications requiring detection, sensing technologies, products and innovations available on market"

One (1) PDH Credit Available

IMPORTANT NOTICES

DUE TO THE RISING COST OF BULK MAILINGS, THE CHAPTER WILL BE REDUCING THE FREQUENCY OF POSTCARD MAILERS TO OUR CHAPTER MEMBERS THIS YEAR. AS SUCH, YOU WILL NOT RECEIVE MONTHLY DINNER POSTCARDS AS IN THE PAST. THE MAILINGS WILL BE LIMITED TO APPROXIMATELY TWO MAILERS THROUGH THE YEAR, HIGHLIGHTING DINNER MEETINGS. WE WILL CONTINUE TO SEND OUT SPECIAL MAILERS REGARDING OTHER CHAPTER EVENTS AS WELL AS MONTHLY NEWSLETTER EMAILS TO KEEP MEMBERS INFORMED OF EVENTS.

IN ADDITION, WE HAVE ELIMINATED OUR TOLL FREE 800 NUMBER. IF YOU NEED TO CONTACT THE CHAPTER, EMAIL WWW.REPLY@NJASHRAE.COM OR CONTACT ANY OF THE CHAPTER OFFICERS OR COMMITTEE CHAIRS.

COMMITTEES
(CONTINUED)

CTTC – TEGA

MARK RICHTER P.E.
212-354-5656

NEWSLETTER ADS

OPEN

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908-663-2189

PROGRAM

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TECHNICAL SESSIONS

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SPECIAL EVENTS/GOLF OUTING

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AUDIT

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BUDGET

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HISTORIAN

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ASHRAE ATLANTA
TOLL FREE NUMBER
1-(800)-527-4723

• **PRESIDENT'S MESSAGE**

I Hope you had a great summer and are ready to jump back into ASHRAE meetings. We've got an interesting year planned so far and are looking forward to increasing member participation from all areas of the HVAC&R businesses that our membership represents.

Our first dinner meeting is Thursday, October 5th – this would be a great time to attend, learn more about Combustible and Toxic Gas Detection and also meet this year's board. The golf outing is Tuesday, October 17th at Fox Hollow Golf Club. More information about the presentation and golf outing is in the newsletter and on the website.

The New Jersey Chapter is fortunate to have a dedicated group of board members who work year round to keep this chapter operating smoothly. We also have a great group of Past Presidents who continue to be actively involved with the chapter and keep us in touch with our past as we continue to move forward. There are many ways for you to be involved in the chapter; one way is as a member of a committee. Take a look at the committee list and to learn what they do, go to the download's link on our website and click on 'NJ Chapter ASHRAE Constitution Bylaws' for committee descriptions. Any questions? Contact the committee chair or any board member.

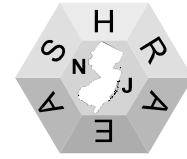
One big change we made this year is the elimination of the Chapter Administrator position due to budget constraints. This means that our chapter operations will be run like all the other chapters – with the duties that had been handled by the administrator being handled once again by various board members. More information about these changes is in the newsletter and on the website. We have been very lucky in recent years to have Ruth Giacobbe as our Chapter Administrator, a position she held after holding every other officer position in our chapter as well as being on the BOG. She has served on the Regional level Society Nominating Committee as both Alternate and Delegate and on Meeting Arrangements Committee, on Society Level. She was on the Winter Meeting Planning Committee for the 2002 Society Winter Meeting in Atlantic City. Ruth was honored at the CRC this summer, receiving an award for her outstanding service, and is one of our Past President's who remains very active in the chapter. Ruth is currently spearheading our newly formed Scholarship Finance Committee, a committee she initiated. Many thanks to Ruth!

This year, we are very proud to have two New Jersey Chapter members who have Region 1 positions: DRC – Director and Regional Chair is Garry Myers and RVC – Regional Vice Chair of Membership Promotion is Spencer Morasch.

Please join us for our monthly meetings. NJ ASHRAE meetings are held the first Thursday of the month at the Sheraton Woodbridge on Route 1. There are excellent networking opportunities with engineers, contractors, manufacturers' reps, engineering students, and others involved with HVAC&R. There is always a presentation of a topic of interest at the meeting – whether it's a review of noise criteria for auditoria, geothermal applications, or heatwheel technology. Some presentations qualify for PDH credits, which are useful for those registered in some other states to keep up their P.E. licensure. We are looking to increase participation by our younger NJ ASHRAE members as part of YEA (Young Engineers in ASHRAE). There is a wide range of involvement opportunities for members in the various stages of your membership - as a new member or a long-term member – there's a place here for you!

Hope to see you at the next NJ ASHRAE meeting on Thursday, October 5th, 2006.

Sincerely,
Jori Fahrenfeld, *Chapter President*



NJ ASHRAE 2006 – 2007
DINNER MEETING SCHEDULE

OCTOBER 5, 2006

COMBUSTIBLE AND TOXIC GAS DETECTION
MR. ALFRED H. LYON
ACCARDI COMPANIES

NOVEMBER 2, 2006

PAST PRESIDENT'S NIGHT

INFRARED HEATING TECHNOLOGY
MR. ROBERT GENISOLE
SPACE RAY GAS-FIRED PRODUCTS

DECEMBER 7, 2006

RESEARCH AND PROMOTION NIGHT

BUILDING ENERGY EFFICIENCY
MR. JEFFREY GRANT P.E., C.E.M., C.E.P.
MACK CALI REALTY CORPORATION

JANUARY 4, 2007

JOINT MEETING WITH MCA & ASPE

FEBRUARY 1, 2007

MEMBERSHIP AND HISTORY NIGHT

COMPARISON OF ASHRAE NOISE CRITERION
MR. MATTHEW MURELLO, P.E.
LEWIS S. GOODFRIEND & ASSOCIATES

MARCH 1, 2007

NEW JERSEY PROJECT CASE STUDY
TBD

APRIL 5, 2007

STUDENT NIGHT
ASHRAE DISTINGUISHED LECTURER
TBD

MAY 3, 2007

SCHOLARSHIP AWARD NIGHT

INSTALLATION OF OFFICERS
TBD

JUNE 7, 2007

SPOUSES NIGHT

CRC 2006, PORTLAND MAINE, AUG 17TH THROUGH 19TH

The CRC for Region I was held in Portland, Maine from August 17 thru 19. The conference was well planned, well attended and extremely well conducted. The 15 chapters in region I were well represented by the delegates and alternates and everyone came fully prepared.

Each chapter delegate to the conference was given an opportunity to speak about the highlights and challenges of their past year as respective chapter presidents. I had the pleasure to speak about our successful hosting of last years conference and the progress that we have make toward our goal of greater participation at all levels including meetings, committees and the board of governors. Thanks to our ongoing efforts to cut costs we were able to greatly increase our contribution to ASHRAE research promotion and we awarded one scholarship and a special grant to a robotics team to encourage their continued interest in engineering.

Kent Peterson, President-Elect of Society was a special guest at the conference and he gave the Presidents message as well as his own take on what is going on in ASHRAE today. He spoke about declining membership as a huge challenge and encouraged all of us to explore ways to invite and include young engineers in the workings of ASHRAE starting at the chapter level. I had the pleasure of playing a round of golf with Kent on Thursday at the kick-off event and I was quite pleased to learn that he will be the youngest president of Society by seven years when he takes the reigns next year. I think this speaks volumes about Societies attempt to make the organization more appealing to younger members.

As an aside; the New Jersey chapter board of governors and officers have been working diligently to encourage new members by talking up advantages like networking and personal and professional growth. We have also made a concerted effort to get employers to encourage their folks to get involved by paying their dues and meeting fees. We fully understand the pressures that career and family can place on individuals so we constantly endeavor to make their time spent with us as valuable as possible.

In concluding, I would like to issue a personal thank you to everyone from the board members and officers, our speakers and our members who made my year as your president as pleasurable as it was. I look forward to seeing you all at our meetings.

Sincerely,

Russ Graham

KEEP THE DATES

OCTOBER 17, 2006

**ANNUAL NJ ASHRAE CHAPTER GOLF OUTING
Fox Hollow Golf Club, Somerville N.J.**

NOVEMBER 1ST & 2ND, 2006

**Plant Engineering & Facility Managers Show
Meadowlands Arena, East Rutherford, N.J.**

JANUARY 27TH THRU 31ST, 2007

**ASHRAE WINTER MEETING/AHR EXPO
Dallas, Texas**

CONGRATULATIONS!!!

At this Summer's 2006 CRC, held in Portland Maine, the following chapter members were presented with various awards for their commitment to their Chapter and the Region.

CHAPTER SERVICE AWARDS

Ms. Ruth Giacobbe, RG Associates
Mr. Spencer Morasch, Jersey Central Power & Light

REGIONAL AWARD OF MERIT

Ms. Ruth Giacobbe, RG Associates
Mr. Spencer Morasch, Jersey Central Power & Light

— SPECIAL CITATION—

2005/2006 PRESIDENTIAL AWARD OF EXCELLENCE (PAOE)

Mr. Russ Graham, G&C Sales

The PAOE award is for significant improvement in Membership, Attendance, Research Promotion, Education, Chapter Progress, and Technology

2006 NJ ASHRAE Golf Outing

Date: Tuesday, October 17, 2006

Place: Fox Hollow Golf Club
Somerville, NJ
(Exit 26 off Route 78)

Cost: \$190.00 per person includes:
Lunch, Reception and Dinner, Shotgun Start, Golf Carts, Locker Room Use, Gratuities and Prizes
or

\$60.00 per person includes: Reception and Dinner Only

Attire: All golfers are required to wear traditional golf attire, which includes golf shoes, rubber spikes, and a collared shirt. Bermuda shorts are permitted. Jeans, (including designer jeans), gym or tennis shorts and sweat suits are *not* permitted.



Platinum Sponsor

Shot Gun Start:

4-Man Scramble Format

The following are some of the prizes that will be awarded:

- First Raw Score
- Second Raw Score
- Third Raw Score
- Closest to Pin
- Closest to Line
- Most Honest

Event Schedule:

Registration:	11:30 am
Lunch:	11:30 – 12:15 pm
Shotgun Start:	12:30 pm
Reception:	5:00 pm
Dinner	6:00 pm

Call Chris at 973-777-6700 with any questions.

Note: Registration is limited.

All participants must be paid in full by October 11th.

Name: _____

Company: _____

Phone: (_____) _____

Fax: (_____) _____

Golfer #1: _____

Golfer #2: _____

Golfer #3: _____

Golfer #4: _____

Golf and Dinner

\$ 190.00 per person x _____ = \$ _____

Reception and Dinner Only

\$ 60.00 per person x _____ = \$ _____

Be a Tournament Sponsor

- .. Platinum: \$3,000 = \$ _____
 - .. Gold: \$2,000 = \$ _____
 - .. Silver: \$1,000 = \$ _____
 - .. Bronze: \$ 500 = \$ _____
 - .. Hole: \$ 100 = \$ _____
- Total: \$ _____**

HELP WANTED

Drafter/Estimator/Designer

A well established New Jersey family-owned Design-Build Mechanical Contracting & Service company is seeking a highly qualified Drafter / Designer / Estimator to join their expanding commercial and institutional contracting business.

Job Purpose:

Candidate will work closely with owners in preparing mechanical drawings, estimating material/equipment/sub-contracting costs, and designing new construction projects.

Minimal Requirements:

10-15 years in commercial/industrial HVAC industry, non-smoker, college degree, experience with CADD, project design, estimating & organizational skills for multiple projects, ability to work independently meeting specific time deadlines.

Duties:

- Prepares rough sketches and final as-built drawings.
- Onsite observations to validate mechanical layout.
- Organize and prioritize multiple projects.
- Solicit vendors and accurately make comparisons for material cost take-offs.
- Design drawings for new design/build projects.
- Maintains reliable data base on current and future work.

Skills/Qualifications:

CADD, Microsoft office suite, scheduling, self-motivated, vendor relationships, deadline-oriented, U.S. citizen, excellent teamwork, focused concentration, emotionally resilient, pleasant attitude.

Salary/Benefits: Competitive salary, comprehensive medical/dental/401k plan

Ken Celiano, Psy.D.

Dir. Personnel & Organizational Development
AJ Celiano, Inc. 460 Ludlow Ave
Cranford, NJ 07016 847-338-2199 (mobile)
www.ajceliano.com - kceliano@ajceliano.com



SCHOOR DEPALMA
Engineers and Consultants

Sr. HVAC Engineer for our Manalapan, New Jersey office

Schoor DePalma, one of the region's leading engineering and consulting firms, employs more than 1100 professionals from 22 office locations throughout New Jersey, Pennsylvania, New York, Florida, Arizona and Maryland.

Schoor DePalma is looking for a senior HVAC engineer to manage an HVAC group as part of an MEP Department in the Manalapan, NJ office. 10+ years of HVAC building design experience required and a NJ PE license. LEED accredited a plus. Excellent growth opportunity in a growing department.

HELP WANTED

WANTED – TOP NOTCH ENGINEERS / TECHNICIANS!!

Specializing in hands-on field testing and evaluation of HVAC systems and site utilities, the Dome-Tech Group provides engineering services, energy consulting and project development and implementation to optimize building performance, reduce energy expenses and improve indoor environmental quality. Dome-Tech is actively hiring for the following challenging career positions:

Commissioning Field Technician / Engineer

The ideal candidate must have 5+ years of field related experience with HVAC systems such as air/water balancing, system start-up and commissioning, service/maintenance, operations and troubleshooting. Experience conducting functional tests of chillers, boilers, AHUs, VAVs and other HVAC equipment required. An engineering or technology degree is desired.

Energy Engineer

Dome-Tech Energy Advisors is seeking qualified energy engineers to support demand for its energy consulting services. The ideal candidate will possess either a BSME or BSEE (PE, CEM desired) with experience in energy auditing, project screening and energy engineering.

Project Engineer

Dome-Tech Energy Solutions (DES) is seeking qualified project engineers to support the growing demand for our turnkey design/build services. The ideal candidate will possess a BSME (PE, CEM desired) and mechanical design experience with central plant utility systems (chilled water & steam). Candidate must have design experience in heating / cooling load calculations, pipe sizing and pressure drop calculations, combined heat and power analysis, and energy conservation measures, including life cycle cost analysis.

Sr. Project Engineer – Pump Systems

Dome-Tech Energy Solutions (DES) is seeking a qualified project engineer to support the growing demand for pump system projects for our municipal and utility customers. The ideal candidate will possess a BSME and have experience identifying and analyzing root causes of pump system degradation or failure. Candidate must be able to identify opportunities to improve pump system performance (repair, upgrade, replace) as part of energy conservation management program. Experience with numerous pumps / pumping system designs is essential – utility, HVAC and process pumps.

Salary / Benefits: Competitive salary commensurate with experience, medical/dental benefits, 401K, flexible spending account, paid vacation and holidays.

Please email resumes to recruiting@dome-tech.com or fax to 732-590-0129.

Joe Martino, Technical Staffing

Phone: (732) 590-0122, ext. 133

Fax: (732) 590-0129

E-mail: recruiting@dome-tech.com

Website: www.dome-tech.com

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SOCIETY NEWS.....

ASHRAE Hires Staff in Support of Strategic Plan

ATLANTA – In support of its strategic plan adopted earlier this year, ASHRAE has hired staff to oversee its marketing, certification and advocacy efforts. The plan will help ASHRAE focus its efforts to ensure that its products and services are timely, relevant and appropriately positioned to serve the changing marketplace. The plan can be found at www.ashrae.org/strategicplan.

To support the strategic plan goal of making ASHRAE a premier provider of HVAC&R expertise, Jeff Dimond has been named marketing director of ASHRAE. Dimond has some 24 years of communications management experience. At ASHRAE, he will oversee implementation of activities that will enable the Society to make the greatest amount of its products and services available to the largest number of consumers. Before joining ASHRAE, Dimond served as director of marketing and communications for Conway Data Inc., Norcross, Ga., where he developed marketing and public relations activities for non-profit and business association clients of the association management firm. A resident of Roswell, Ga., Dimond has a master's of business administration degree in athletic administration/marketing from the University of Arizona and a bachelor's of arts degree in political science/journalism from the University of Alabama.

ASHRAE also has hired Joyce Abrams as manager of certification. She will develop and implement a credentialing program for HVAC&R engineers to help promote ASHRAE as a leader in industry education and professional development. Before joining ASHRAE, she was an assistant vice president in the education and training division of LOMA where she oversaw the design and development of credentialing programs, courses and course materials and managed the development and/or production of up to 35 college-level textbooks or online courses a year. A resident of Atlanta, Abrams has a master's of science degree in mass communications from Indiana University, and a juris doctorate and a bachelor's of arts degree in journalism from the University of Georgia.

The Society also has hired Doug Read as program director of government affairs. He will oversee management of the Society's governmental affairs efforts, including government outreach and issues management. Read served as manager of government relations, compliance and regulatory affairs for the National Electric Manufacturers Association (NEMA), where he developed strategies for interface with government bodies to ensure support of electrical industry safety, environmental and trade policy.

A resident of Washington, D.C., Read has a master's of science degree in human resource and organization development from the University of Maryland and a bachelor's of science degree in industrial engineering from State University of New York.

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its mission is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration (HVAC&R) to serve humanity and promote a sustainable world.

###

ASHRAE Joins PERSI to Promote Infrastructure Sustainability

ATLANTA – The American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) has joined an alliance to help promote sustainable infrastructure such as buildings, water resources, transportation, energy generation and waste treatment.

The alliance, Practice, Education and Research for Sustainable Infrastructure (PERSI), is an initiative of the American Society of Civil Engineers (ASCE) that works to promote and translate sustainable practices into action within its member organizations.

ASHRAE is the first organization to formally join PERSI by signing the memorandum of understanding. By joining the alliance, which will not itself produce standards or guidelines, ASHRAE will work with other PERSI member organizations to assist with educational programs, conduct research, and contribute knowledge about sustainable infrastructure, among other activities.

ASHRAE President Terry Townsend noted that joining PERSI helps further ASHRAE's mission of sustainability.

"By partnering with other organizations worldwide, ASHRAE can enhance its own current efforts and supplement the activities and resources of other groups," he said. "This sharing of ideas and resources can only help us reach our energy and sustainability goals faster and more efficiently."

"Sustainable infrastructure is vital to a sustainable human society," Richard N. Wright, Ph.D., an honorary member of ASCE who is spearheading the effort to establish PERSI, said. "ASHRAE has illustrated its leadership in the infrastructure community by contributing strongly to the development of the PERSI initiative. PERSI now will begin its important efforts to advance and incorporate concepts and knowledge of sustainability into the standards and practices used throughout the life cycle of infrastructure systems."

ASHRAE also will assist PERSI in developing a common language for the definition and achievement of sustainable infrastructure. The alliance currently defines sustainability as the challenge of meeting human needs for natural resources, industrial products, energy, food, transportation, shelter and waste management while conserving and protecting external and internal environmental quality and the natural, economic and social resources essential for human needs.

The alliance has attracted more than 15 groups that have participated in its development, including the American Institute of Architects, the American Planning Association, the American Water Works Association, and the National Institute of Standards and Technology.

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###

SOCIETY NEWS.....

ASHRAE Offers Educational Program at AHR Expo-Mexico

ATLANTA – To help meet the demand for new technology in Mexico and Latin America, ASHRAE is providing educational courses at the upcoming AHR Expo-Mexico. AHR Expo-Mexico will take place Oct. 10-12, 2006, in Mexico City. Since 1997, AHR Expo-Mexico has been a resource for new products, ideas and services in Mexico and Latin America. It is sponsored by ASHRAE, the Air-Conditioning and Refrigeration Institute and the International Exposition Co.

A variety of courses related to HVAC&R are being offered by ASHRAE's Mexico City Chapter. These will focus on energy, refrigeration, indoor air quality, and building controls. "The demand for new technology being highlighted at Expo-Mexico is shared throughout the world," Terry Townsend, P.E., ASHRAE president, said. "ASHRAE is committed to meeting that need through its role as a global leader in the HVAC&R community. ASHRAE serves as a link in the global economy.

Through ASHRAE, members from Mexico can reach out to engineers around the world, such as Dubai, Hong Kong and Germany, to work together to improve HVAC&R." For more information or to register, visit www.ahrexpomex.com.

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.

###

Web Site Features Improved Technology and Navigation ASHRAE Unveils Redesigned Web Site

ATLANTA – With a focus on ease of navigation and new technology, the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) has unveiled its redesigned Web site, www.ASHRAE.org.

An improved web site is a corner stone of fulfilling the Society's new Strategic Plan, which calls for sustainability leadership, world-class educational programs, a raised public profile and global access to technical information. A refined Google-powered search engine has been added, and site visitors will benefit from the site's 100% uptime and increased speed. The new, simpler design incorporates a technology that will integrate with the new member database that goes live this fall, allowing members to easily access subscription management tools for eLists and newsletters, and account history for events, purchases and dues.

"The ASHRAE web site is the key component of the Society's strategy to provide membership service and technical information to the industry," says Steve Comstock, director of publications and education. "With the new technology incorporated into the site, our members and key audiences will be able to access crucial information faster and with greater ease."

Upon logging into the site, members will have access to the MyASHRAE section where they will be able to use the site to reflect their specific interests. Members can sign up for e-mail updates when updated content has been added to a particular section, and a lost password function allows users to quickly retrieve forgotten passwords.

The simplified site navigation is now broken into six tabbed sections:

- Members (formerly Membership)
- Publications (formerly Education and Publications)
- Technology (formerly Technology and Standards)
- Education (formerly Education and Publications)
- Events (formerly Meetings and Events), and
- Students (formerly Student Zone)

Content from the previous site's About Us section now occupies a position at the top left of ASHRAE.org under a new About Us section.

The upgraded site will also include a redesigned bookstore upon the section's completion in December. 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.

###

SOCIETY NEWS.....

ASHRAE Endorses ARI Responsible Use Guide

ATLANTA - As part of its promise to provide a sustainable future, ASHRAE is supporting the Air Conditioning and Refrigeration Institute's (ARI) guide for responsible use of refrigerants. Developed by ARI and the U.S. Environmental Protection Agency, the Responsible Use Guide for Minimizing Fluorocarbon Emissions in Manufacturing Facilities encourages refrigerant containment and environmental protection.

"Our endorsement concurs with a strong industry initiative that was conducted by ASHRAE members having as their objective the bringing of good practices to the world in a written form," Terry Townsend, P.E., ASHRAE president, said. "This also illustrates ASHRAE's strong support of a global sustainability initiative, along with many other organizations."

"Receiving ASHRAE's endorsement of ARI's responsible use of refrigerants guidelines demonstrates the industry is fully embracing this initiative to reduce fluorocarbon emissions in manufacturing facilities," William G. Sutton, president of ARI, said.

"Responsible use requires all parties involved with refrigerants - from the engineers designing products to plant managers and workers on the assembly line - to be attentive to emission issues and to effectively address them if we are to maintain continued use of these chemicals in HVAC&R products."

ASHRAE provides guidance on minimizing fluorocarbon emissions through its research, Handbook and standards, including Standard 147-2002, Reducing Release of Halogenated Refrigerants from Refrigeration and Air-Conditioning Equipment and Systems. The standard establishes practices and procedures that will reduce inadvertent release of chlorine containing and other halogen containing refrigerants, such as halogenated chlorofluorocarbons, hydrofluorocarbons and hydrochlorofluorocarbons.

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration (HVAC&R) to serve humanity and promote a sustainable world.

###

ICC and ASHRAE Announce Significant Collaborative Effort

ATLANTA - The International Code Council (ICC) and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) signed a Memorandum of Understanding that will seek ways to optimize development of codes and standards to improve public safety. The organizations will work together on industry advocacy and public policy and explore joint business opportunities.

"The integration of leading edge technology via ASHRAE standards and guidelines into the building codes ensures the general public that the built environment will be efficient, healthy, comfortable and safe," said ASHRAE President Terry Townsend. "This MOU will enhance both ASHRAE's and ICC's capabilities to have a positive impact on new construction and renovation activities in not only North American but also the international markets." The ICC model code system impacts the lives of millions of people every day in a positive way. The centerpiece of this system is an objective, scientifically based code development process, designed to achieve consensus on important health and safety issues.

A key element of this process is the use of consensus-based referenced standards like those produced by ASHRAE, developed through a fair and balanced process. Whether addressing structural performance or energy conservation, referenced standards serve to complement code text by providing the details and test methods necessary for effective code enforcement.

"This MOU with ASHRAE will help ICC members address some of the most important and contemporary issues facing building safety professionals today," said ICC Chief Operating Officer Rick Weiland.

The International Code Council, a membership association dedicated to building safety and fire prevention, develops the codes used to construct residential and commercial buildings, including homes and schools. Most U.S. cities, counties and states that adopt codes choose the International Codes developed by the International Code Council.

###

ASHRAE Pursues Certification Program

ATLANTA - In response to member and market demand, ASHRAE is exploring a certification program that will focus on areas of the building environment such as commissioning, health care facility engineering, building operation, and sustainability. The Society is pursuing partnerships with other HVAC&R related organizations. "By offering certification, ASHRAE will make our members more valuable to the industry," Terry Townsend, P.E., ASHRAE president, said. "Certification from ASHRAE will add professional credibility to their work, as well providing educational resources to better enable them in designing and operating buildings that are more efficient."

A market research survey conducted by ASHRAE last year showed a strong interest by members in providing certification. More than 80 percent of members indicated that ASHRAE should offer certification to individuals who complete a series of courses/seminars in a specific area of study. In support of certification, ASHRAE will expand its existing educational program, known as the ASHRAE Learning Institute. "The Learning Institute will continue to provide fundamental courses for those looking for lifelong learning and professional development," Townsend said. "But we also must provide more specialty courses for those eager to keep up with the latest technology." The program is expected to launch in summer 2007. In addition, ASHRAE is working make it easier for members to keep up with their current professional development hours to maintain existing professional registration.

"We are looking at tracking educational course attendance to qualify for professional development hours," Townsend said. "We must make it as easy as possible for our members to educate themselves so they can get ahead in their careers."

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