



ASHRAE

American Society of Heating, Refrigerating and Air-Conditioning Engineers Inc.

1791 Tullie Circle, NE • Atlanta, Georgia 30329-2305 ☎404-636-8400 • Fax 404-321-5478

TC/TG/TRG MINUTES COVER SHEET

(Minutes of all TC/TG/TRG Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/TRG NO.: TC 9.01 ISSUE DATE: February 1, 2012

TC/TG/TRG TITLE: Large Building Air-Conditioning Systems

DATE OF MEETING: January 24, 2012 LOCATION: Chicago, IL

MEMBERS PRESENT	TERM END	MEMBERS ABSENT	TERM END	ADDITIONAL ATTENDANCE
Kelley Cramm, Chair John L Kuempel Jr, Vice Chair Howie McKew, Secretary Bill Klock, Research Sub-C Chair Charlie Henck, Standards Sub-C Chair Lynn Werman, Membership Sub-C Chair Gene R Strehlow ALI/PDC Coordinator Mark Fly, Web Master Harvey Brickman, Membr Doug Cochrane, Member Jay Eldridge Quinn Hart, Member R. Lee Millies, Member John I Vucci, Member	6/30/2013 6/30/2014 6/30/2015 6/30/2013 6/30/2013 6/30/2014 6/30/2013 6/30/2013 6/30/2014 6/30/2013 6/30/2013 6/30/2013 6/30/2015 6/30/2014 6/30/2012 6/30/2015	Dennis Wessel, Program Sub-C Chair Warren Hahn, Publication Liaison Hollace Bailey, Member Rodney Lewis, Non- Quorum Member	6/30/2012 6/30/2013 6/30/2013 6/30/2014	<u>Corresponding Members:</u> Steve Duda Honors & Awards Sub-C Chair Alonzo Blalock Julian De Bullet Jeff Traylor, Member Ken Gill, Member <u>Liaisons / Staff / Ex-Officio Members:</u> None <u>Guests:</u> Joe Neuhausel, XYLEM Joseph.neuhausel@xyleminc.com Kenton Hines, XYLEM Kenton.Hines@xyleminc.com Verna Talcott, Dow-Corning v.b.talcott@dowcorning.com Wade Conlan, X-nth Inc. Wade.conlan@exp.com
<u>Non-Quorum Members:</u> Phil Trafton,	6/30/2014			

DISTRIBUTION

ALL MEMBERS OF TC/TG/TRG

TAC COMMITTEE CHAIR: Charles Culp

TAC SECTION HEAD: Thomas M Lawrence

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LIAISONS:

CEC: Dennis Wessel

Publications: Warren Hahn

Handbook: Thomas M Lawrence

Research: Carl Huber

Professional Development: _____

CTTC: Thomas Lewis

Staff Liaison/Research/Technical Services: Michael R Vaughn

Staff Liaison (Standards): Stephanie Reiniche

Standards Liaison: _____ Cecily M Grzywacz



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ASHRAE TC/TG/TRG ACTIVITIES SHEET ATTACHMENT

ISSUE DATE: February 1, 2011

TC/TG/TRG NO.: T.C. 9.01 TC/TG/TRG TITLE: Large Building Air-Conditioning Systems

CHAIR: Kelley Cramm

VICE-CHAIR: John Kuempel Jr

SECRETARY: Howie McKew

TC/TG/TRG MEETING SCHEDULE				
Location - Past 48 Months	Date	Location - Planned Next 36 Months	Date	
Salt Lake City, UT	6.24.2008	San Antonio, TX	6.23.2012	
Chicago, IL	1.27.2009	Dallas, TX	1.26.2013	
Louisville, KY	6.23.2009	Denver, CO	6.22.2013	
Orlando, FL	1.26.2010	New York, New York	1.18.2014	
Albuquerque, NM	6.29.2010	Seattle, Washington	6.28.2014	
Las Vegas, NV	2.01.2011			
Montreal, PQ (Canada)	6.28.2011			
Chicago, IL	1.24.2012			
TC/TG/TRG SUBCOMMITTEES				
Function	Subcommittee Chair			
ALI/PDC Coordinator	Gene Strehlow			
Handbook	Howard McKew			
Honors and Awards	Steve Duda			
Membership	Lynn Werman			
Programs	Dennis Wessel			
Publications	Warren Hahn			
Standards	Charlie Henck			
Research	William Klock			
Standards Issues	No Assignment			
Webmaster	Mark Fly			
RESEARCH PROJECTS – CURRENT				
Project Title	Contractor	Monitoring Comm. Chairperson	Report Made At Mtg.	
<i>NONE</i>				
LONG RANGE RESEARCH PLAN				
Rank	Title	W/S Written	Approved	To RAC
<i>NONE</i>				

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HANDBOOK RESPONSIBILITIES				
Year & Volume	Chapter Title	Chapter No	Reviser & Mentor-Reviser	Reviewer
2016 Systems & Equip	HVAC System Analysis and Selection	1	/	/ /
2016 Systems & Equip	Decentralized Cooling and Heating	2	/	
2016 Systems & Equip	Centralized Cooling and Heating	3	/	
2016 Systems & Equip	Air-Handling and Distribution	4	/	
2016 Systems & Equip	In-Room Units and Distribution	5	/	
STANDARDS ACTIVITIES - List and Describe Subjects				
<p>STD 15-2004 <i>Safety Standard for Refrigeration Systems</i> – Continuous Maintenance, Cognizant TC is 9.01, Steve Duda is liaison. Guideline 0-2005 <i>The Commissioning Process</i> – TC 9.01 is co-cognizant. Guideline 16-2003 <i>Selecting Outdoor, Return, and Relief Dampers for Air-Side Economizer Systems</i> – Cognizant TC is 9.01. Guideline 22—2008 <i>Instrumentation for Monitoring Central Chilled-Water Plant Efficiency</i>- Cognizant TC is 9.01</p>				
TECHNICAL PAPERS from Sponsored Research – Title, when presented (past 3 yrs. present & planned)				
1. None.				
TC/TG SPONSORED TRANSACTION SESSIONS – Title, when presented (past 3 yrs. present & planned) & Chair				
1. Conference Paper – Rehab for DDC at Corporate National Training Center – Three Years of Therapy - Winter, 2011 – Las Vegas, Blalock 2. Conference Paper - Application of ASHRAE Standard 15-2010 with Respect to Multi-Evaporator Split Air-Conditioning Systems – Summer 2011 – Montreal, Duda				
TC SPONSORED SEMINARS – Title, when presented (past 3 years, present, & planned) & Chair; Speaker, Speaker, Speaker				
1. <i>Introduction to 2008 Handbook</i> (2008 Annual – Salt Lake City) McKew; Duda & Maston. 2. <i>Case Studies in Sustainable Retrofits to Reduce Energy Use of Existing Buildings</i> (2009 Winter – Chicago) / Trafton; Kuempel, McKew, Traylor. 3. <i>Design and Case Studies for Indoor Sports Facilities</i> (2009 Annual – Louisville) / Trafton; Duda, R. Towell, Cramm. 4. <i>Design Challenges & Solutions for Entertainment Venues</i> (2009 Annual – Louisville) / Millies; Kuempel, S. Braden, McKew. 5. <i>Retrofitting HVAC in Older Buildings for Higher Efficiency</i> (2010 Annual-Albuquerque) Kuempel, Duda, Cramm 6. <i>High Performance Run Around Energy Recovery Systems</i> (2010 Annual – Albuquerque) Niederer 7. <i>HVAC Security- Less we forget</i> (2011 Winter-Las Vegas) McKew; Cogley, Dobbs, & Campbell 8. <i>Case Studies: New Equipment & Applications to Improve Energy Efficiency</i> (2012 Winter-Chicago) Cramm; Kuempel, McKew, & Schwedler				
TC/TG SPONSORED FORUMS - Title, when presented (past 3 years, present, & planned) & Moderator				
1. None.				
JOURNAL PUBLICATIONS , when published (past 3 years, present, & planned) & Author				
1. None				

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TC 9.01 Large Building Air-Conditioning Systems
Meeting Minutes

Meeting Date: January 24, 2012
Chicago, Illinois

I. Call to Order

- a) Chair Kelley Cramm called the meeting to order at 1:00 PM local time,

II. Introduction of Members And Guest

- a) Self-introductions of members and guests were made around the table as the attendance roster was circulated. Chair welcomed all members and visitors. A quorum was verified.

Voting Members: 13 Present 3 Absent, Quorum achieved.
Voting Non-Quorum Members: 1 Present 1 Absent
Corresponding Members: 5 Present
Society Liaisons: 0 Present
Staff Liaisons: 0 Present
Guests: 4 Present

Note: Voting Non-Quorum members are voting members if present, but do not count against quorum if absent.)

III. Minutes from Montreal, Canada Annual 2011 Meeting

- a) Bill K that the meeting minutes be approved and Quinn H seconded.
- b) Motion carried 14-0-0-0-0.

Secretary's Note: All votes recorded herein are formatted as (Aye-Nay-Abstain-Chair not voting-Absent).

IV. Agenda Comments / Updates (K. Cramm)

- a) Quinn Hart requested a discussion on his email and concern regarding, "ASHRAE Position Document On Indoor Mold and Moisture Accumulation In Buildings be added to the Agenda. Chair agreed this could be added.

V. Chairman's Comments and Section 9 Report (K. Cramm)

- a) *Kelley attended section meeting (See Attachment A relative to that session)*

VI. ASHRAE Liaison Reports

- a) *None Present*

VII. TC 9.01 Subcommittee Reports

- a) Membership (Werman): Kelley provided an update of roll-offs and new roll-on activities as follows:
- Effective January 1st, 2012, the TC 9.1 Members and Corresponding Members is as follows:
 - Rolling off to CM status: H. Brickman, D. Wessel, & R. Lee Millies
 - Joining as Voting Members: K. Gill, J. Traylor, S. Duda
 - Kelley noted that she will go through the list of Corresponding Members and send out emails to those on this list and request they respond with a “yes” or “no” to whether they want to remain on the CM list and continue to receive TC correspondence. Response must be within 60 days of receiving the email. Those not responding will be removed from this list.
- b) Handbook (J. Traylor reporting): Jeff indicated all chapters have gone to publication/print and that we will be seeing the 2012 Systems and Equipment Handbook sometime in June of this year.
- Howie McKew will roll-on as Handbook Sub-Committee Chair and Jeff would roll –off this assignment overseeing the proposed 2016 chapters 1 thru 5 update. Howie said he would be making contact with possible candidates to work on this new effort.
 - Wade Conlan spoke to the issue of “single zone VAV” is not clearly addressed in the Handbook. Howie to follow up with him, as well as Mark Fly to resolve this issue.
 - Kelley noted that we received comments on Chapters 3 and 4 from the Hawaii chapter after the chapters were approved. She will forward them to Howie to review for the next cycle.
 - After the TC 9.1 meeting Howie mentioned to the Chair that he will be submitting a proposed Reviser strategy to recruit “Lead” Revisers who will act as “Mentor” to another person being the actual Revisers. He will be using the latest Author & Reviser Guide (August 2011) for the 2016 Handbook Chapter initiative.
- c) Standards (Henck): No report
- d) Research (Klock):
- RTAR-1448 – *Chiller Room Ventilation*, PMS: S. Taylor, S. Duda, J. Vucci. Steve provided an update on this document. . The report is complete but has not been approved. The bottom line is that ventilation for some machinery rooms will increase but for others it will decrease
 - Kelley requests Members and Corresponding Members email Bill with suggested Research topics (i.e., consider a research initiative to consider Podcasts linked to specific Chapters for the electronic On-Line+ version of the Chapter).
- e) Program (Wessel) John Kuempel spoke for Dennis who could not make the TC 9.1 meeting:
- The TC9.1 Program Subcommittee is planning the following programs for San Antonio:
 - Track 8 - Integrating Building Controls
 - Title: When Integrated Controls Are Not Integrated
 - Chair: John Kuempel
 - Speaker: Howie McKew: City Hall Out of Control
 - Speaker: Kelley Cramm: Will Recruit someone
 - Speaker: Wade Conlan: Wade will talk about projects he has commissioned where the controls were supposed to be integrated but were not working as intendedNote: Submission deadline is February 13th so John will coordinate a conference call prior to this date to finalize the submission plan.
 - John mentioned how important the Dallas Winter 2013 program was because there will be a Mini-Conference on Large Building Air Conditioning. He emphasized how we should strive to create 4-seminars for the Winter Conference. Suggestions made were as follows:

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- Base 1-seminar on Chapter 1 System Analysis and Selection
- Base a second seminar on Chapter 2 Decentralized Systems
- Base a third seminar on Chapter 3 Centralized Systems
- Base the “case studies” using the above.

Note: John will initiate a conference call before the San Antonio meeting to continue planning for the Mini-Conference

f) Professional Development (G. Strehlow):

- No new activities

g) Honors & Awards (Duda):

- Steve requested individuals submit their recommendations for Honors & Awards (i.e., Fellow, Distinguished Service, etc.)
- It was also noted that if Members and/or Corresponding members have a nominee for the George B. Hightower Technical Achievement Award, that they should contact Steve Duda.

h) Publications (Hahn): No report

i) Website Report (M. Fly):

- Mark Fly reported that the website is up to date.
- Kelley Cramm will send Mark a current roster with contact information removed for posting on the website.

j) Standards Issues:

- Kelley suggested this topic be made inactive until there is a need to activate it again.

VIII. TC/PC Liaison Reports

a) TC 6.01 Hydronic and Steam Heating Equipment and System (K. Cramm):

b) TC 7.7 Testing & Balancing (Traylor): The topic of NEBB and ASHRAE partnering is a dead issue now

c) TC 8.07 Variable Refrigerant Flow (Vucci): John reported that the committee is soliciting programs for future meetings.

d) TC 9.9 Mission Critical Facilities (K. Gill): Standard 90.1 is a concern and being assessed

e) SSPC 62- Indoor Air Quality (Phil Trafton): No report

f) SSPC 15 Mechanical Refrigeration Safety (Duda): No report

g) TG-2- HVAC Security (McKew): No report

h) TRG-7 Under-Floor Air (H. Brickman): Book was published

IX. Old Business

a) TC 9.01 Title, purpose and scope was discussed and it appears to be correct as stated

X. New Business

a) Quinn Hart introduced his email and concern regarding, “ASHRAE Position Document On Indoor Mold and Moisture Accumulation In Buildings (Attachment B) and his memo dated 10-18-12 (Attachment C).

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- b) John K moved and Doug C seconded the following motion:
 - TC 9.1 requests that a vote to approve the ASHRAE Position Document on Indoor Mold and Moisture Accumulation in Buildings be delayed until all interested TC's can review and comment.
- c) The motion passed (12,0,2) with the Chair abstaining.
- d) Moisture Accumulation In Buildings (Attachment B) and his memo dated 10-18-12 (Attachment C).
- e) Kelley emailed Thomas Lawrence TAC Sector Head immediately after the TC 9.1 meeting and Tom responded (Attachment D) saying he would looking into the issue.

XI. Adjournment

- a) Next Meeting: Tuesday, June 26, 2012 at 1:00 pm in San Antonio
- b) Meeting adjourned at 3:30 PM. Moved by Jeff Traylor and seconded by Kuempel.

XII. Attachments:

- A: Section 9 Report (Kelley)
- B: ASHRAE Position Document on Limiting Indoor Mold and Dampness In Buildings
- C: Quinn Hart 10-18-2011 Memo RE Mold
- D. Email Regarding the Mold Position Document

End of Minutes

Respectfully submitted by:

Howard McKew, Secretary

Kelley: Do we need to document “motions taken”? I know Steve did this in the past but I don’t know if we should do this at the end of the meeting notyes?

SUMMARY OF MOTIONS:

Secretary’s Note: All votes recorded herein are formatted as Aye-Nay-Abstain-Chair Not Voting-Absent.

Motion: Mark Fly.

Second: Warren Haughn

Text: Approve the Montreal Meeting Minutes.

Vote: Motion Carried 9-0-0-1-8
2 members late on this vote

Announcements and Reminders for TC/TG/TRG & MTG Chairs Chicago 2012

1. The Rebranding of ASHRAE

A new logo and tagline 'Shaping Tomorrow's Built Environment Today' was unveiled at the plenary session of this meeting on Saturday as the first step in a rebranding plan for ASHRAE. For more information on why ASHRAE has decided it is time to rebrand our identity and answers to other questions on this topic, please refer to the attached document entitled *ASHRAE Key Messages and Frequently Asked Question*.

TCs will be asked to support this effort by updating their TC website to reflect the new logo and tagline before March 1st this year. ASHRAE staff will provide each TC webmaster with the necessary files and assistance needed to update the TC's website for this change. Please notify your webmaster that he or she will be contacted by ASHRAE staff in the month of February with more information on how to implement this change to the TC's website.

2. 2011-2012 Hightower Award Recipient – Donald Beaty, TC 9.9

Don Beaty is being honored by TC 9.9 for being a driving force on TC 9.9 since its inception and as a result for its success in the involvement of its members and the quality of its guides and its handbook chapter. He has been co-author on numerous TC 9.9 guides published for ASHRAE with the most recent being "Structural and Vibration Guidelines for Datacom Equipment Centers -2007" and "Best Practices for Datacom Facility Energy Efficiency -2008" and served in a variety of positions on the TC. He also gives freely of his time in presenting ASHRAE seminars around the world that cover TC 9.9 technical areas as well as working with ALI in presenting on-line courses.

3. YEA/TC Mixer Sunday Afternoon in Chicago

Is your TC in search for new members? If so, please plan to attend the first Young Engineers of ASHRAE (YEA) / TC Mixer at the Chicago meeting on Sunday, 1/22, from 4 p.m. to 7 p.m. in the Salon 1 room on the 3rd floor of the Palmer House Hilton Hotel. Food and beverages will be available at this casual gathering as well as ice-breaker games to help get these young engineers of the Society talking with TC representatives at the event.

4. 12-13 Roster update process and process for adding provisional CMs

Remember, the current 2011-2012 roster for your TC, TG or MTG is in effect until after the June meeting this year. The new committee rosters for 2012-2013 will be created based upon the update information that each TC, TG or MTG provides to their section head at this meeting by midnight, Tuesday, 1/24/12 and these new rosters will go into effect on July 1, 2012. Please see your section head for the 2012-2013 Roster Update form if you still need a copy.

By now, each TC, TG and MTG chair should have received a PDF & MS-Excel file of their current 2011-2012 roster from their Section Head for distribution to the committee. In addition, each member can view all of the rosters of their committees on the ASHRAE Website. Go to www.ashrae.org <<http://www.ashrae.org>>, click on the "Membership" tab in the header, click on "Manage Your Membership" text in the left sidebar, and log in (if you have not logged in lately, you might need to set up a new username and password). Click on the "Biographical Record System" link. Now, you should see your current "bio info". Click on "My Committees" on the left sidebar; all of the committees you are a member of

will appear. Click on the "blue" roster text at the left hand side of a committee to reveal the roster with linked contact information. Make sure everyone on your committee also knows how to access the roster.

The Provisional Corresponding Member position is a relatively new position on TC/TG/TRG rosters. This position allows potential new members to be added by staff to the committee roster any time a request for membership is made by an individual. The position has a 2-year term on the committee. Staff will notify the chair and reissue a new roster to the committee any time a provisional member is added. The TC/TG/TRG chair has the option each year during the regular roster update process to convert provisional CMs that have been active participants on the committee the past year into regular CMs or voting members or drop them.

5. TC/TG/TRG Chair's Training Workshop Reminder

Sunday January 22 9:45-10:45a in the Palmer House Hilton Hotel, Crystal Room (3rd floor level). As with the Breakfast meeting, both the Chair and Vice-Chair are expected to attend; attendance will be tracked so that we can assess who has been trained. Bring questions - if you need an answer, it's quite likely others also need the same answer. This particular session will also include at the beginning a brief presentation and Q&A session with the San Antonio program chair of the Conferences & Exhibitions Committee (CEC), Dunstan Macauley, concerning the next Society meeting technical program and recent or planned changes to it.

6. Need for Existing Building O&M Guidance Source - A Survey by the AEDG Steering Committee

The AEDG Steering Committee is looking for volunteers from the technical and standards committees to provide input in defining the need and format for a document or source library for best practices in Operations and Maintenance (O&M). The committee has put together a survey in MS-Word format (attached) that will be e-mailed to you by me for distribution to your committee. We are specifically looking for input from the following ASHRAE Committee's: SSPC 180, SSPC 100, SSPC 90.1, TC 2.8, TC4.3, TC 4.10, TRG4, TC 7.2, TC 7.3, TC 7.6, TC 7.7, TC 7.8, TC 9.6, TC 9.7, and MTG.BPM.

They would like as many surveys as possible returned to the AEDG Steering Committee by **February 15, 2012**.

People interested in participating in the survey should send their complete survey to betheredge@ashrae.org

On behalf of the AEDG Steering Committee, we thank you in advance for your support of this project.

7. TC members cannot speak for TC before other bodies without TC approved position statement

Please remind all members of your committee that they serve as individuals and are not permitted to speak for the TC before other groups (SSPCs, standing committees, outside groups, etc.) unless they are the official liaison for the TC to that group and any TC position that they present on an issue is supported by a prior TC vote.

8. Location of Section Head Mailboxes & Free WiFi Access at this Society meeting

Boxes are located just outside ASHRAE Headquarters Office (Palmer House Hilton Hotel – 3rd Floor – Salon 3 Room). In addition, all meeting attendees staying at the Palmer House Hilton Hotel this meeting should have free WiFi access in their sleeping rooms.

9. Upcoming Advanced Energy Design Guide (AEDG) Broad Peer Reviews

None at this time

The Peer Review for the 90% Final Draft of the ASHRAE Advanced Energy Design Guide for Large Hospitals (50% Energy Savings) closed on Friday, December 2, 2011. The input from that review is being compiled and distributed to the Project Committee for review and consideration. A summary of their responses will be posted here when available. Publication planned for 2nd qtr 2012

Please check the AEDG section of the ASHRAE website at the following link for the latest Information: <http://www.ashrae.org/technology/page/938>

10. Special effort to welcome new members, and visitors (potential members), particularly international members, to TC meetings

Potential new members for your committee have been encouraged to drop-by your meeting in Chicago. As a result, please make a special effort to recognize and warmly welcome all visitors to your meeting – A TC can never have too many willing and able volunteers.

11. Useful TC/TG/TRG Chair Information on ASHRAE website

Information for TC/TG/TRG chairs can be found on the Technical Committee page of the ASHRAE website at the following link: <http://www.ashrae.org/technology/page/104>.

The TC/TG/TRG Manual of Procedures (MOP) has been revised to include a new committee type, Multidisciplinary Task Groups (MTGs). MTGs are different from TCs, TGs, and TRGs. The objective of the MTG is to first try and better coordinate and focus the activities of the affiliated TC and non-TC groups (EHC, REF, SSPCs, outside groups, etc) that make-up the MTG on the task for which the MTG was created without duplicating the functions of a TC or TG so that the task can be completed as efficiently as possible. In special cases, MTGs may be authorized by TAC to assume some TC/TG functions, such as research, if it is deemed necessary to better complete their task assignment. Since the need, purpose, and progress of each MTG is reassessed and reaffirmed by TAC each year, there are no term limits for the MTG Chair, Vice Chair, Members and Alternates.

12. CEC proposed or recently implemented technical program changes or announcements

Conferences and Expositions Committee (CEC) had the following announcements concerning the Society's Technical Program for upcoming meetings:

- CEC is implementing a new process to verify that TC's have truly voted to sponsor a submitted program before it is published in the meeting program as a program sponsored by a particular TC.
- Each TC will be asked to annually submit a list of volunteers from the TC that are willing to serve as paper reviewers or session chairs for sessions that are related to the TC's scope.

- Due to a low number of conference papers that were submitted for the annual meeting in San Antonio next June, there are now a greater number of slots available for seminars and forums for that meeting. The submission deadline for seminar and forums proposals for the San Antonio meeting is February 13, 2012. Submit proposals to www.ashrae.org/SanAntonio
- Starting with the next winter meeting in Dallas, entire sessions can now be proposed through the meeting program submission website www.ashrae.org/Dallas. The submission deadline for proposals is March 19, 2012. CEC strongly encourages TCs to consider proposing an entire session.
- CEC will be offering training at this meeting to TC Program Subcommittee chairs on Tuesday, 1/24, at 11 a.m. in the Speaker's Lounge.

Also, the TC/TG/TRG Chair's Training Workshop on Sunday morning will include a brief presentation and Q&A session with the San Antonio meeting program chair of the Conferences & Exhibitions Committee (CEC), Dunstan Macauley, concerning the next Society meeting technical program and recent or planned changes to it.

13. Upcoming Program Submission Dates

San Antonio Meeting - June 23-27, 2012

- San Antonio seminar and forum session proposals are due February 13, 2012
- Final technical papers and final conference papers due March 7, 2012
- Notifications of seminar and forum accept/reject distributed March 16, 2012
- Conference Papers accept/reject notifications distributed March 30, 2012
- Conference Website: <http://www.ashrae.org/sanantonio/>
 - Track 1** HVAC&R Systems & Equipment
 - Track 2** HVAC&R Fundamentals and Applications
 - Track 3** Integrated Energy Systems
 - Track 4** Building Modeling Applications
 - Track 5** Refrigeration Applications
 - Track 6** Indoor Environmental Applications
 - Track 7** Integrated Building Controls

Dallas Meeting - January 26-30, 2013

- Conference site live: January 22, 2012
- Conference Paper abstract/Conf. Paper session proposals due March 19, 2012
- Conference Papers submitted for review are due early July 2012
- Dallas seminar and forum session proposals are due early August 2012
- Conference Website: <http://www.ashrae.org/dallas/>
 - Track 1** HVAC&R Systems & Equipment
 - Track 2** HVAC&R Fundamentals and Applications
 - Track 3** Standards, Guidelines, and Codes
 - Track 4** Energy Conservation
 - Track 5** Refrigeration
 - Track 6** Large Building Design
 - Track 7** Facility Management; Operations, Tech. and Energy Improvements
 - Track 8** – Special Interest Track

The Conferences and Expositions Committee (CEC) oversees ASHRAE's annual and winter conferences and other specialty conferences and expositions globally. The CEC continually works to improve the conference experience for all attendees. To help keep a

“pulse” on the technical issues facing professionals in the HVAC&R marketplace, the CEC seeks ideas for tracks for the Denver, New York and annual and winter conferences beyond as well as topics for specialty conferences from TC members.

Please submit your suggestion using the following link:

<http://www.ashrae.org/events/page/2537>

14. Report on TC/TG/TRG websites in Section (SHs need to report to TCs which sites are not up to date.)

Is your committee website up to date? If not, please ask your webmaster to at least post the latest minutes and the Chicago meeting times and agenda. If your website has been neglected, add an action item for this meeting to appoint a responsible member of the TC/TG/TRG who will bring it back to life. This form of communication is critical to the efficient operation of your committee, and for attracting new members.

TAC and the Electronic Communications Committee (ECC) recently posted a webinar recording on how to set-up and maintain a basic TC website using the ASHRAE server and TC website template at the following link:

<http://media.ashrae.biz/webinar/TrainingWebinar.wmv>

15. Training Webinars Posted for ASHRAE Google Groups/Sites and ASHRAE Hosted Websites for TCs/TGs and TRGs

TAC and the Electronic Communications Committee (ECC) recently posted a webinar recording on how to set-up and maintain a basic TC website using the ASHRAE server and TC website template at the following link:

<http://media.ashrae.biz/webinar/TrainingWebinar.wmv>

There is also a webinar recording posted on the Technical Committee page of the ASHRAE website on how to utilize online collaboration tools like Google Groups or Sites for TC work between meetings.

Please also make sure that your Research Subcommittee Chair attends the Research Subcommittee breakfast on Monday, January 23rd at 6:30 a.m.-8:00 a.m. in the Palmer House Hilton Hotel, Grand Ballroom,(4th Floor level). A large portion of the meeting will be dedicated to training and interface time with your Research Liaison

16. Send requests in for new “Help Wanted” section on technical committee page of ASHRAE website

A new “Help Wanted” section will be added to the Technical Committee page of the ASHRAE website so that TCs can advertise requests for help. Requests could include calls for new members, a webmaster, reviewers and contributors for a handbook chapter or special publication, special expertise that resides outside the TC, equipment donors for a research project, etc. Requests should be for needs that need to be fulfilled within the next 6-12 months. Chapter Technology Transfer Committee (CTTC) will assist in this effort by making sure ASHRAE chapters are aware of this request list. Please pass on any requests for your TC to the Manager of Research and Technical Services, Mike Vaughn, at mvaughn@ashrae.org or MORTS@ashrae.net

17. Option for TC Subcommittee Meetings via Conference Calls and Web Meetings

More and more TCs are taking advantage of a new Society service that allows TCs to hold subcommittee meetings by phone and/or web. Many TCs are finding this to be a more

efficient way for them to conduct subcommittee business and it also allows TC members that can't travel to meetings on a regular basis a way to still contribute to the TC. Such a change can also eliminate potential conflicts with the TC's program sessions at Society meetings. Please pass your conference call/web meeting/webinar requests on to the Manager of Research and Technical Services, Mike Vaughn, at mvaughn@ashrae.org or MORTS@ashrae.net

18. Upcoming Conferences:

- **High Performance Buildings Conference – A Focus on Deep Energy Savings**, March 12-13, 2012 – San Diego, CA <http://www.ashrae.org/events/page/hpbconf>
- **International Conference on Energy Research and Development**, April 9-11, 2012, Kuwait. info@icerd5.org, or www.icerd5.org
- **CR2012: The 23rd International Exhibition for Refrigeration, Air-conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage**, April 11-13, 2011, Beijing, China. <http://www.cr-expo.com/EN/Index.asp>
- **CIBSE ASHRAE Technical Symposium – Buildings Systems and Services for the 21st Century**, April 18-19, 2012, Imperial College, London. <http://www.cibse.org/>
- **Fan 2012: International Conference on Fan Noise, Technology & Numerical Methods**, April 18-20, 2011, Senlis, France, <http://www.fan2012conference.org/>
- **5th International Building Physics Conference**, May 28-31, 2012, Kyoto, Japan, http://rcpt.kyoto-bauc.or.jp/IBPC2012/general_information_id.html
- **Purdue Summer Conferences 2012**
21st International Compressor Engineering Conference,
14th International Refrigeration and Air Conditioning Conference
2nd International High Performance Buildings Conference
July 16-19, 2012, on the campus of Purdue University in West Lafayette, Indiana
<http://engineering.purdue.edu/Herrick/Events/2012>
- **COBEE (2ND International Conference on Building Energy & Environment)**, August 1-4, 2012, Millennium Harvest House, Boulder CO
<http://www.colorado.edu/cobee2012>
- **ICCCS 2012- International Symposium on Contamination Control 2012**, September 3-7, 2012, ETH Zurich, Switzerland <http://icccs.net/>
- **12th Cryogenics 2012, IIR International Conference**, September 10-14, 2012, Dresden, Germany, <http://www.icaris.cz/conf/Cryogenics2012> - Abstract deadline January 31, 2012
- **Cold Climate HVAC 2012**, November 12-14, 2012, Calgary, Alberta, Canada.
<http://www.ashrae.org/events/page/coldclimate2012>

19. ASHRAE Learning Institute (ALI)

The ASHRAE Learning Institute (ALI) offers courses in a variety of lengths and modes of delivery. All of the courses are developed by subject matter experts through a peer-review process. For more information, visit www.ashrae.org/education to view the winter 2012 course offerings.

18 October 2011

FROM: K. Quinn Hart, P.E.
HQ Air Force Civil Engineer Support Agency
Tyndall AFB, FL 32404

SUBJECT: ASHRAE Position Document (PD) on Indoor Mold and Moisture Accumulation in Buildings

Dear ASHRAE Board of Directors and Technical Committee Members

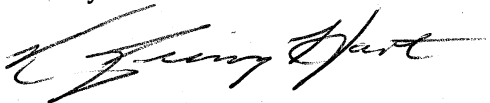
As a member of the committee to develop the ASHRAE Position Document on Indoor Mold and Moisture Accumulation in Buildings, I wish to express my concern and reason for non-concurrence with the PD as currently written. On the committee I represented the owner/operator point of view and the perspective of a major global facility owner. The PD obfuscates ASHRAE's leadership in the arts and sciences of HVAC by advancing a position on the complex health issue of mold in the built environment, an area outside its recognized expertise. The PD's use of subjective terms, which cannot be measured or applied, to define when mold presents a health problem creates the perception of a standard of care. This false perception raises the potential for confusion regarding the effects of mold on health and what is required of the building owner/operator in providing a healthy work environment. Consequently I do not recommend ASHRAE adopt the PD as written.

Instead, recommend amending the PD scope and rewriting the document to focus on the control of moisture accumulation in buildings. The current scope causes the PD to stray into the issue of defining what constitutes a mold and health problem, an area where recognized health organizations and regulatory agencies have yet to provide conclusive criteria or definitive guidance. Entering into the issue of health only distracts from ASHRAE's authority in the field of HVAC system design, operation and moisture control.

There is no need to cite health as a justification for controlling moisture in the PD. It is well established that uncontrolled moisture has a detrimental effects on a building's structure, furnishings and quality of life of its occupants. The PD goes beyond ASHRAE recognized expertise by attempting to build a position on the health effects of mold.

The choice of words, examples and studies cited in the PD creates alarm and confusion regarding this very complex issue. ASHRAE should defer to the various health organizations that are recognized as having the breath of expertise necessary to evaluate such effects and yield to the regulatory agencies the task of tempering such results through the legislated process which takes into account the broad spectrum of factors, risks and societal costs of promulgating such regulations. By taking a position on moisture management, ASHRAE can have an immediate effect by promoting such through its own guidance and standards. It is through such action that ASHRAE can set the example for other organizations and policy makers to follow.

Sincerely



K. Quinn Hart, P.E.