

ASHRAE TC 5.4 – Industrial Process Air Cleaning

Meeting Agenda - 2013 Winter Meeting

2:15 - 4:15 P.M. – Monday, June 28th, 2013

Dallas Sheraton Hotel – Live Oak (H2)

Dallas, TX

1. Call to order, Self Introduction of Members and Guests: Kevin Marple
  - a. Meeting called to order at 2:15 pm by Kevin Marple
    - i. Attendance – See Signup Sheet Attached here below.
2. Membership Roster - this meeting and (NEW members/positions) beginning 7-1-13: Kevin Marple
  - a. Kevin discussed David Hurd (check spelling) not being present. No one has heard from him in two years. Decided that he will be removed as a voting member from this committee.
  - b. Tom Godbey – Letter of resignation received. He will retire in July.
  - c. Kevin rolls off as Chair after Denver. Looking for volunteers for Chair and Vice Chair.
    - i. Sorenson signed up to be Chair. Tim Hudson to take Vice Chair. Burkhead to take on Research. Program's is KJ Choi. Handbook is open. Secretary is open. Sorenson and Hudson to attend chair training in Denver.
3. Report from section 5 Head
  - a. Research Liason from RAC (Piotr A. Domanski )
    - i. Looking at simplifying the process of preparing RTAR's and work statements. It's currently a painful process. The TC is spending a lot of time putting these documents together. In the future you will see a modified process. RTAR will be simplified and the content required will be minimized.
    - ii. RTAR – The best thing to do if you want to start a new RTAR, go out to the ASHRAE website and download the form. The forms are updated annually, and this will ensure that you have the most current version. Comments were made about answering the questions. More information is not necessarily better. Be concise, give focused information, and ensure that you answer the questions. Some of the information on the RTAR can be cut and pasted from the Work Statement. Pay close attention to the scope and goal sections of the form. Those are the most important aspects of what ASHRAE is looking for. Make sure and specify the test method. Section head is available for help in this process. Feel free to reach out and ask questions, and he will give back his comments.
      1. Bob asked a question about funding. The response was that they don't have enough Work Statements and RTARS. So taken as funds

are available. They are promoting this information among the groups so they could see a spike in requests moving forward.

4. Review and Approval of San Antonio Meeting Minutes: Kevin Marple
  - a. San Antonio meeting minutes approved. Sorenson motioned, Knutson seconded
5. Report on Section 5 Meeting: Kevin Marple
  - a. Wayne and Kevin attended the meeting. CEC issued their winter conference information on the Denver and New York meetings. See meeting agenda attached here below.
  - b. Chair encourages everyone to go online to the ASHRAE website and update your bio's. Being up to date really helps with providing information, especially in maintaining balance among committees.
6. Committee Reports
  - a. Handbook: Bob Burkhead
    - i. Chapter 30, HVAC Systems and Equipment 2012. We updated chapter 30 of the handbook for the 2012 publication. Actually pretty good reading and it is worth it. Look for things that are wrong and need updating. Next publication for systems and equipment will be published in 2016. Any and all updates need to be submitted by June of 2015. New handbook chair to attend the meeting in Denver.
  - b. Research: Wayne Lawton (RP; RTAR; Other)
    - i. Discussed below
  - c. Standards: Gerhard Knutson
    - i. See Update Below on 199.
  - d. Programs: Tim Hudson
    - i. Programs were successful this morning. Tom Axeley and Wayne Lawton presented.
    - ii. Attendance was good. 60+ people in attendance.
    - iii. One suggestion from Tim was that it would be more conducive to have a wireless microphone to make it easier for people to ask questions.
    - iv. We have three other presentations that were submitted for this meeting, but ASHRAE didn't have room for them. Will keep them in our back pocket for upcoming track's that make sense.
    - v. Burkhead noted that there is webinar available for training. E-meetings on ASHRAE website, search for "programs"
    - vi. George made a comment about the quality of the presentations. Slides were way too busy, and there is way too much information. Go with the 6 x 6 rule. Al Veeck gives a presentation on how to give a presentation. Suggestion was made among the group that ASHRAE might provide a template calling

out minimum font sizes, max number of lines, etc. Spend more time on the format, rather than on the commercialization aspect.

7. SPC 199 status report: Gerhard Knutson

- a. The committee met for a 4 hour session on Friday 1/25 and another 4 hour session on Sunday 1/27. Happy to report that we are actually making some progress. Bob Burkhead, Monroe Britt, and Ed Dusch put some time in the last few weeks and got some of the material into the official ASHRAE format.
- b. Each committee member has committed to comment on the current draft by the end of February. Bob Burkhead will take the lead on combining all comments by end of March and the committee will have a web meeting in early April. We'll decide whether we meet physically before Denver or not. Hoping to stay on track with a draft for public review submitted after Denver meeting.
- c. Gerhard will request the same two four hour meetings in Denver, and if we don't need them we can trim one.

8. Website Report: Kevin Marple

- a. No report on the website, other than please use it. Minutes will be located there and available for download. Past meeting minutes, meeting agendas (past, present, and future)
- b. Any information that you would like out on the site should be sent out to Kevin.

9. Research: Wayne Lawton (RP; RTAR; Other)

- i. Piotr has been a big help in writing RTAR 1623. The RTAR was initially rejected, but has since been approved. Monroe is currently working on the work statement. Monroe hit a snag. He's unsure that we want to do particle size efficiency. Thinking he wants it to be based on mass efficiency, not particle size efficiency.
- ii. Oil and mist collectors should have an afterfilter. Is that part of the test? Or, is it just focused on the mist collector?
- iii. Monroe is needing some technical help in writing this work statement. Needs to know more about what's out there in the industry
- iv. A suggestion was made that the afterfilter not be included in our efforts.
- v. Bruce recommended that the research project include both fractional and mass efficiency.
- vi. Work statement is due by December 15<sup>th</sup>. 2-1-16 approved for bid date deadline.
- vii. A few contacts in the industry that might be of help. Dan Rousseau, Jim Darcy are two names that came up.
- viii. Kevin to throw out a call for help within the industry both from manufacturers and instrumentation.

10. Old Business

- a. NONE

11. New Business

- a. Question was asked how many people have gone on website to research old final transactions.
  - i. Committee would like the data to go all the way back to 1959. Right now it only goes back to 1970.
  - ii. Documents are there, they just aren't in the electronic format and searchable. Is there value in spending the funds to make that information available?
    - 1. Response from group was that if we have it, it should be accessible to the membership. From an accessibility and historical preservation standpoint.

12. Next Meeting: June 24<sup>th</sup>, 2013 – Denver, CO

13. Adjourn at 3:55 pm

- a. Lawton motioned, Hudson seconded

Respectfully submitted

Andy Sorenson

TC 5.4 Secretary

30 January 2013



Conferences and Expositions Committee Information Items for Technical Committees  
2013 Winter Conference, Dallas

1. Denver seminar and forum proposals are due February 11. [www.ashrae.org/denver](http://www.ashrae.org/denver).
2. New York Conference Paper Abstracts are due March 15. Technical Papers are due April 19. [www.ashrae.org/newyork](http://www.ashrae.org/newyork)  
CEC encourages TCs to submit conference paper and technical paper sessions whereby 2-5 authors agree to write papers to be presented as a group.

3. Program statistics for Dallas. For a total of 100 available slots:

	Accepted	Submitted	Scheduled Sessions
a. Technical Papers	28	43	9
b. Conference Papers	40	107	14
c. Seminars	71	131	71
d. Forums	9	22	9
e. AHR Expo Session	1		1
f. Special Session	1		1

4. Twenty Four (24) speakers from San Antonio had speaker ratings below 3.5 out of 5.0. These speakers were sent letters indicating that if they receive two additional low ratings they will be required to provide proof that they have received speaker training before they will be permitted to speak again.
5. TC members who want to submit a program should consult the Track Chair for assistance in preparing a good abstract to help assure acceptance for presentation.
6. For the first time, a Research Summit will be held at the Denver Conference. More than 100 conference papers were submitted for this conference, a record. The intent is to conduct the Research Summit at future annual conferences. A decision will be made following the Denver Conference. The conference also features an Integrated Project Delivery (IPD) mini-conference.
7. Because of increasing requirements by states for PDH hours on Ethics, a session on ethics and legal issues will be offered at every winter meeting.

**Denver Conference Tracks**

- Track 1** Research Summit
- Track 2** Integrated Project Delivery (mini-conference)
- Track 3** Building Energy Modeling vs. Measurement & Verification
- Track 4** Mile-High Efficiency & Equipment
- Track 5** Renewable & Alternative Energy Sources
- Track 6** HVAC&R Systems & Equipment
- Track 7** HVAC&R Fundamentals & Applications

**New York Conference Tracks**

- Track 1** HVAC&R Systems and Equipment
- Track 2** HVAC&R Fundamentals and Applications
- Track 3** Environmental Health through IEQ
- Track 4** Building Information Systems: Integrating Technology for Control, Management, Optimization and Efficiency
- Track 5** International Design
- Track 6** Building Performance and Commissioning for Operation and Management
- Track 7** Hydronic System Design for Large Buildings
- Track 8** Tall Buildings: Performance Meets Policy