

ASHRAE MEETING Minutes – Montreal
TC 2.3 - Gaseous Air Contaminants/Removal Equipment
TC Meeting

Tuesday – June 28, 2011 [13:00 - 15:30 (1:00 – 3:30 PM)]

Hilton Bonaventure - Fontaine Salon G (Lower Level)

The meeting attendee list is as follows:

Last Name	Name	Member Status	Position	Present
Total Voting Members = 12				
Agopian	Mr. Nick H Agopian	V	Chair	P
Bayer	Dr Charlene W Bayer, PhD	V	-	P
Burroughs	Mr. H E Burroughs	V	ALI Coordinator	P
Grzywacz	Ms Cecily M Grzywacz	V	-	P
Listvan	Dr Marilyn A Listvan	V	-	P
Lull	Mr. William P Lull	V	-	P
Middlebrooks	Mr. Matt Middlebrooks	V	Vice Chair	P
Muller	Mr. Christopher O Muller	V	-	P
Owen	Ms Kathleen Owen	V	Research Co-Chair	P
Roseberry	Mr. Jeffrey Roseberry	V	-	P
Stanley	Mr. Brad M Stanley	V	Secretary	P
Zhang	Dr Jianshun S Zhang, PhD	V	-	P
Kuiper	Mr. Erik Kuiper	V-NQ	Webmaster	
Stutman	Mark Stutman	V	Research Co-Chair	
Total Non Voting Members = 9				
Choi	Kyung-Ju Choi, PhD	NV	-	P
Flom	Mr. Michael Curtis Flom	NV	-	P
Hafendorfer	Mr. Brian J Hafendorfer, PE	NV	-	P
Kelly	Mr. Thomas J Kelly	NV	-	P
Kerr	Dr Carolyn M Kerr, PhD	NV	Handbook Chair	P
Lee	Dr Chang-Seo Lee	NV	-	P
Schaaf	Mr. David A Schaaf, Jr	NV	-	P
Tronville	Dr Paolo M Tronville	NV	Standards Chair	P
Zitin	Mr. Stephen H Zitin	NV	-	P
Total Visitors = 6				
Ahn	Tim Ahn	None	-	P
Campion	Christopher Campion, PhD	none	-	P
Fricke	Brian Fricke	None	-	P
Jeong	Yaseop Jeong	None	-	P
Mayer	Florian Mayer	none	-	P
Sumner	Ann Louise Sumner	None	-	P

Summary Motions

#	Motion	Vote
1	Barney Burroughs moved to accept minutes. 2nd Cecily Grzywacz	PASSED: 9-0-1 CNV
2	Marilyn Listvan moved to accept the subcommittee's recommendation to terminate Project 1457. 2nd Barney Burroughs *** This was reversed by a letter ballot between Montreal and Chicago ***	PASSED: 10-0-0 CNV
3	Executive Session related to 1557 – TC voted to support the PES recommendation	Executive Session
4	Charlene Bayer moved to support the research being proposed by Jensen Zhang for EHC related to SVOCs, their analysis, health impacts, and surface-airflow interactions. 2nd Barney Burroughs	PASSED: 10-0-0 CV
5	Marilyn Listvan moved to accept Handbook report. 2nd Matt Middlebrooks	PASSED: 9-0-0 CNV
6	Marilyn Listvan moved that 2.3 accept the recommendation of the subcommittee to reject the unsolicited book proposal: Odor Control HVAC Systems for Waste Water Treatment Plants. 2nd Brad Stanley	PASSED: 9-0-0 CNV
7	Bill Lull moved that Nick Agopian be official representative to MTG EEC with Brad Stanley as the backup 2nd Marilyn Listvan	PASSED: 9-0-0 CNV
8	Bill Lull moves that the committee has voted previously and supports that ASHRAE does not charge presenters 2nd Marilyn Listvan	PASSED: 7-0-2 CNV
9	Marilyn Listvan moved to adjourn 2nd Matt Middlebrooks	PASSED: 9-0-0 CNV
10	Letter Ballot Vote for RP-1457 vote reversal Topic: Reverse "stop work" vote on 1457-RP Voting Options The vote is to reverse the "stop work" vote on 1457-RP Yes = you support reversing the "stop work" on 1457-RP No = you do not support reversing the vote and continue to vote to "stop the work"	PASSED: 13-0-0 CNV

Summary Action Items

#	Action Item	Owner
1	Press Release related to publication of 145.2	Chris Muller
2	E-mail Christine Sun about these recommendations	Nick Agopian
3	follow up with a letter to ASHRAE on the topic of ASHRAE not charging presenters to show the TC's support for continuing to provide no charge to the presenters.	Matt Middlebrooks

Meeting Minutes Begin

1. Call to order.
2. Introduction of guests and members. Identify & Reporting from ASHRAE liaisons.
 - a. Meeting called to order at 1:11 PM by Nick Agopian.
 - b. Voting Members Present 10, Not counting chair
 - c. Brian Fricke presented Nick Agopian with a certificate for his service as Chair.
3. Review as needed and Approval of previous meeting minutes from Las Vegas, NV
 - a. **Motion:**
 - i. **Barney Burroughs moved to accept minutes**
 - ii. **2nd Cecily Grzywacz**
 - iii. **PASSED: 9-0-1 CNV**
4. Subcommittee Reports
 - a. Research - *Subcommittee Co-Chair Kathleen Owen*
 - i. Research was moved to first place due to scheduling conflicts
 - ii. Kathleen Owen reported as follows:
 1. 1557 went out to Bid
 2. RP-1457 work was halted due to contractor unforeseen problems which stopped the ability to complete the work.
 - iii. **Motion:**
 1. **Marilyn Listvan moved to accept the subcommittee's recommendation to terminate Project 1457.**
 2. **2nd Barney Burroughs**
 3. **Discussion:**
 - a. **Is there a way to get any valuable equipment or information out of the project?**
 - b. **There is equipment that may retrievable.**
 - c. **After termination, ASHRAE may be able to get the equipment (test rig) back to ASHRAE**
 - d. **ACTION ITEM: Kathleen Owen will ask the contractor unofficially about getting the test rig back.**
 - e. **ACTION ITEM: Barney Burroughs will also check within ASHRAE**
 4. **PASSED: 10-0-0 CNV**
 - iv. Jenson Zhang
 1. Research Project Proposal related to SVOC's
 - a. Existing RTAR by EHC dealing with issues related to analyzing, understanding health impacts, IAQ in buildings (230°C Boiling point and above), airflow across surfaces has a different affect than on VOCs.
 - b. EHC would like to tackle these issues step by step.
 - c. Suggestion is that TC 2.3 Cosponsor these type of RTARs with EHC – need vote to cosponsor and people to participate (2 people suggested: Charlene Bayer & Chang Seo Lee)

- v. Interrupted Research Proposal by EHC for needed Executive Session
 - 1. Executive Session related to 1557 – TC voted to support the PES recommendation
 - vi. Voting Member Count Changed as follows
 - 1. Jeff Roseberry arrived, adding one Voting Member (making voting member count 12)
 - 2. Cecily Grzywacz had to leave, removing one Voting Member (making voting member count 11)
 - 3. Jensen Zhan had to leave, removing one Voting Member (making voting member count 10)
 - vii. (Continuation of Research Proposal by EHC related to SVOCs)
 - a. **Motion:**
 - i. **Charlene Bayer moved to support the research being proposed by Jensen Zhang for EHC related to SVOCs, their analysis, health impacts, and surface-airflow interactions.**
 - ii. **2nd Barney Burroughs**
 - iii. **PASSED: 10-0-0 CV**
- b. Handbook - *Subcommittee Chair Gemma Kerr*
- i. Applications chapter is fine.
 - ii. Fundamentals Chapter is 2 years away from publication, revisions and changes are due by 24-May-2012
 - iii. **Motion:**
 - 1. **Marilyn Listvan moved to accept Handbook report**
 - 2. **2nd Matt Middlebrooks**
 - 3. **PASSED: 9-0-0 CNV**
- c. Membership - *Subcommittee Chair Nick Agopian*
- i. Membership is happening in the planning committee and being organized so that we do not have a large number roll off at the same time
 - ii. We would like to have more users come into the committee
 - iii. Answered questions on the types of membership
- d. Planning - *Subcommittee Chair Matt Middlebrooks*
- i. 11 attendees to the planning meeting (Tuesday 6:30 AM)
 - ii. We are developing the list of potential candidates for next Secretary.
 - iii. The committee discussed how to improve our visibility and reach to ones outside of ASHRAE. Suggestion included
 - 1. Use of whitepapers on applicable topics
 - 2. Use of conference papers (provides a publication and gets into the ASHRAE Meeting Program)
 - 3. Entire committee can assist with and think on these matters (standards, research, all matters take time so we need to begin now)

- 4. Andy Persily opening for IAQ session
- e. Professional Development Coordinator - *Barney Burroughs*
 - i. ASHRAE is seriously evaluating developing new certification training materials.
 - ii. This may cover gas-phase items that TC 2.3 can assist in.
- f. Program - *Subcommittee Chair Nick Agopian*
 - i. Summarized Forum, Open Forum, and Seminars that were presented at the Montreal meeting.
 - 1. Forum: What is Needed to “Fix” the Standard 62.1 for IAQP?
 - a. ~40-60 people
 - b. Interest was high in the forum
 - 2. Forum: Experience with Field-Measurement of Gaseous Contaminants
 - a. ~ 20 people
 - b. Overall positive ratings from attendees
 - c. Provided feedback to go into GPC 27P
 - 3. Seminar: Case Studies: Gas-Phase Filtration for Data Centers
 - a. PJ Singh – summarized whitepaper on contaminants
 - b. Chris Muller – summarized monitoring and control
 - ii. Summarized plans for future meetings (see below table).

Type	Title	CoSponsor	Chair	When	Due Date
Forum	Contaminants of Concern	2.4, EHC, 9.6, 2.9	Charlene Bayer	Chicago	8/12/2011
Seminar	IAQP – addressing common engineer IAQ Procedure – Ventilation Cost, Contaminants, & Filtration - Jenson Zhang (formaldehyde & ventilation) - Lennox (typical contaminants & concentrations) - Bill Fisk (LBL, formaldehyde, energy savings) - Mark Stutman ?? – ask Charlene - Bill Lull - Basics to predict operating cost savings from reduced outdoor air - Charlie Seyffer ?? ask Nick - Jeff Roseberry ?? ask Charlene		Brad Stanley & Nick Agopian	Chicago	8/12/2011
Conference Paper	Basics to predict operating cost savings from reduced outdoor air		Bill Lull	San Antonio	9/26/2011
Conference Paper	Lennox (typical contaminants & concentrations)		Rakesh Goel (need to confirm)	San Antonio	9/26/2011
Seminar	YEA for Filters	Cosponsor		Chicago	8/12/2011

Type	Title	CoSponsor	Chair	When	Due Date
	- Nick Agopian or Matt Middlebrooks	2.4 submission			
Seminar	Is Filter Performance Related to your life - Charlene participate	Cosponsor 2.4 submission		Chicago	8/12/2011
Seminar	Myth-Busting Ozone ...– add to title – submitted for Montreal - resubmit	62.1, 189.1, EHC		Chicago	8/12/2011
Conference Paper	IAQP Case Study Documentation - Barney Burroughs & Charlene Bayer			San Antonio	9/26/2011
Forum	Lessons Learned in filtration - Marilyn Listvan	Cosponsor 2.4 submission		Chicago	8/12/2011

g. Publications - *Subcommittee Chair Marilyn Listvan*

- i. Publications Subcommittee Minutes were handed out.
- ii. WHO IS MERV? Was published by ASHRAE
- iii. ASHRAE WIKI is in the process of being created – www.wiki.ashrae.org
- iv. Marilyn Listvan is still working on the IAQ CD.
- v. Unsolicited book proposal: Odor Control HVAC Systems for Waste Water Treatment Plants.
 1. Subcommittee recommended that TC 2.3 not support this proposal
 2. **Motion:**
 - a. **Marilyn Listvan moved that 2.3 accept the recommendation of the subcommittee to reject the unsolicited book proposal: Odor Control HVAC Systems for Waste Water Treatment Plants.**
 - b. **2nd Brad Stanley**
 - c. **PASSED: 9-0-0 CNV**
- vi. Champions for various topic papers were developed in the subcommittee. See subcommittee minutes for details.
- vii. Pubs would like to make a push for a Bibliography on the TC 2.3 website. Please send Marilyn Listvan your citations – mlistvan@yahoo.com

h. Standards - *Subcommittee Chair Paolo Tronville*

- i. Standards Subcommittee Minutes were handed out
- ii. GPC 27P still under work with some time before public review stage
- iii. SPC 145
 1. SPC 145.2 galley proofs are out and expect it to be published before September 2011.
 - a. **Action Item: Chris Muller - Press Release related to publication of 145.2**

- 2. Waiting on decision by ASHRAE regarding whether existing committee or SSPC 145.1.
 - iv. MTG EEC (Energy Efficiency Classification) met this morning.
 - 1. **Motion:**
 - a. **Bill Lull moved that Nick Agopian be official representative to MTG EEC with Brad Stanley as the backup**
 - b. **2nd Marilyn Listvan**
 - c. **9-0-0 CNV**
 - 2. **Action Item – E-mail Christine Sun about these recommendations**
 - v. The subcommittee discussed 145.X and 10121-X coexisting and how they should coexist
 - 1. A suggestion was made to compare the two documents with a table or bullet list to help the committee compare
 - 2. Suggestion was also to let both exist and watch what the market does.
 - vi. Canadian document related to portable air cleaners has been submitted to ISO to develop an international standard related to these devices.
- i. Website - *Subcommittee Chair not present*
 - i. Committee is evaluating how to revamp the website
 - ii. Future website chair will be Nick Agopian
5. Report from TC liaisons.
- a. None given
6. Old Business
- a. **Motion**
 - i. **Bill Lull moves that the committee has voted previously and supports that ASHRAE does not charge presenters**
 - ii. **2nd Marilyn Listvan**
 - iii. **PASSED: 7-0-2 CNV**
 - iv. **Action Item: Matt Middlebrooks follow up with a letter to ASHRAE on this topic**
7. New Business
- a. Program Quality
 - i. ASHRAE wants speakers getting at least 3.5 on rating.
 - b. Management Transition
 - i. New management will be Matt Middlebrooks as Chair, Brad Stanley as Vice Chair, and Charlene Bayer as Secretary.
 - ii. Matt Middlebrooks presented Nick Agopian with gifts of thanks for his service as Chair over the past 2 years
 - c. Thank You Letter from ASHRAE President mentioned to committee.

8. Agenda suggestions for the Summer Meeting in Montreal.
 a. None

9. Adjournment

a. **Motion:**

- i. **Marilyn Listvan moved to adjourn**
- ii. **2nd Matt Middlebrooks**
- iii. **PASSED: 9-0-0 CNV**

10. Letter Ballot taken between 2011 Montreal and 2012 Chicago Meeting.

TC 2.3 Voting Sheet

9/20/2011

Topic: Reverse "stop work" vote on 1457-RP

Voting Options

The vote is to reverse the "stop work" vote on 1457-RP

Yes = you support reversing the "stop work" on 1457-RP

No = you do not support reversing the vote and continue to vote to "stop the work"

	<i>Member</i>	<i>Vote</i>	<i>Comment</i>
1	Matt Middlebrooks		Chair not voting
2	Brad Stanley	Yes	
3	Charlene Bayer	Yes	
4	Kathleen Owen	Yes	
5	Marilyn Listvan	Yes	
6	Cecily Gzywacz	Yes	
7	Paolo Tronville	Yes	
8	Barney Burroughs	Yes	
9	Mark Stutman	Yes	
10	Brian Hafendorfer	Yes	
11	Jianshun Zhang	Yes	
12	Bill Lull	Yes	
13	Chris Muller	Yes	
14	Jeff Roseberry	Yes	

Yes Votes 13

No Votes 0

Abstain Votes 0