

ASHRAE TC 2.3 Planning Subcommittee Meeting Minutes

Tuesday, 28-June, 2016, 6:30 – 8:00 am

St. Louis, MO, Marriot, Landmark 2

Meeting was called to order @ 6:35am

Attendees:

Nick Agopian
Charlene Bayer
Kyung-JuChoi
Sanjeev Hingorani
Gemma Kerr
Paula Levasseur
Marilyn Listvan
Ashish Mathur
Matt Middlebrooks
Kathleen Owen
Brad Stanley
Glen Toleczko

Review of action items from Orlando

- Kathleen Owen will check the research meeting minutes for new ideas generated at the meeting and forward those ideas to Planning - completed
- Marilyn Listvan and Matt Middlebrooks will conceptualize a slide presentation on TC2.3 activities for presentation to Chapters. – new slide template on ASHRAE – not completed but will remain on list
- KJ Choi mentioned an ASHRAE TC2.3 seminar “back to basics” that he will try to reclaim for the group- he sent it to Brian K , he will resend to the group.
- Paula Levasseur will check ASHRAE’s 10 yr plan to see if it provides ideas for 2.3 plan
- Chang Seo and Ashish Mathur will talk with TC2.1 to see how TC2.3 can work with them in the area of odor and gas-phase filtration. They are open to it but there is a conflict with the meetings. They have not edited the chapter on odors. Make contact with chair. Ashish to follow up with TC 2.1
- Marilyn Listvan to find out if Journal will accept white papers. Gemma thought that the would.
- Nick Agopian. – how to choose a filter what information do you need. Nick suggested putting something like this together for the end user so they would understand the information required to recommend the proper gas phase filter. Nick to present a chart for review

Review the research roadmap – several items were either removed or put on hold Paula Levasseur to update.

ASHRAE TC 2.3 Planning Subcommittee Meeting Minutes

Tuesday, 28-June, 2016, 6:30 – 8:00 am

St. Louis, MO, Marriot, Landmark 2

Review the power point presentation on TC2.3 plan of the next several years was reviewed the group felt like this was positive and easy to read presentation. Paula to expand prior to Las Vegas.

Meeting was adjourned @ 7:56 am

ASHRAE TC 2.3 Planning Subcommittee Meeting Minutes

Tuesday, 28-June, 2016, 6:30 – 8:00 am

St. Louis, MO, Marriot, Landmark 2

TC2.3 Roadmap						
Rank	Topic/Title	Related Past or Ongoing ASHRAE projects	Research Gap Identifications	ASHRAE Strategic Plan Fit	Champion(s)	Status
1	1720-WS: Validation of gas-phase air-cleaner performance test method (Standard 145.2) by laboratory testing of commercially available filtration devices.	1. Std 145.2	<i>Removal of gaseous contaminants:</i> Validation of Std 145.2	Adapt Goal: Work to translate science and technology into practical tools and resources that drive effective building design, operations and management	Gemma Kerr	Work Statement WS1720 submitted to RAC
2	1579-WS: Testing and Evaluation of Ozone Filters for Improving IAQ		<i>Removal of gaseous contaminants</i>		Matt Middlebrooks	Work statement needs to be revised and completed
3	1755 WS: Impact of gaseous contamination and high humidity on the reliable operation of information technology equipment in data centers		<i>Nature of gaseous pollutants:</i> Determination of critical humidity range in data centers		Chris Muller	TC9.9 Co-sponsoring . Should go out for bid in Fall 2015.
4	Determination of the Exhaust air Contaminant Transfer Ratios (ECTR) for		<i>Removal of gaseous contaminants:</i>		Nick Agopian	RTAR submitted by TC5.5 with TC2.3 co-sponsor

ASHRAE TC 2.3 Planning Subcommittee Meeting Minutes

Tuesday, 28-June, 2016, 6:30 – 8:00 am

St. Louis, MO, Marriot, Landmark 2

	selected typical exhaust airborne contaminants while using commercially available air-to-air energy recovery ventilation (ERV) devices or systems in HVAC systems applications					
	Demand-based air-cleaner operation to save energy		<i>Removal of gaseous contaminants:</i>		Brian Krafthefer	RTAR in progress
	Using specially treated textiles to reduce odors		<i>Removal of gaseous contaminants:</i>		Arsen Melikov	RTAR needs to be written – not started
	Bipolar Ionization (process uses needlepoint technology to produce both positive and negative ions) performance test method for VOC removal and testing a variety of commercially-available ionization devices	Std 145.2	<i>Removal of gaseous contaminants:</i>		Scott Sherwood	RTAR needs to be written – in progress
	IAQP field studies	ASHRAE 62.1	<i>Removal of gaseous contaminants:</i>		Marwa Zaatari	RTAR needs to be written – not started
	The effects of filtration on health	EHC Position Paper	<i>Removal of gaseous contaminants; & Effect on living things</i>		Dean Tompkins	RTAR needs to be written – not started
Need	In room air-		<i>Removal of</i>		Kathleen	RTAR

ASHRAE TC 2.3 Planning Subcommittee Meeting Minutes

Tuesday, 28-June, 2016, 6:30 – 8:00 am

St. Louis, MO, Marriot, Landmark 2

s to be discussed – not started	cleaners		<i>gaseous contaminants; & Effect on living things</i>		Owen	needs to be written – not started
Needs to be discussed – not started	Gas phase filtration and energy usage – with GPC35		<i>Removal of gaseous contaminants; & Effect on living things</i>		Brian Krafthefer	RTAR needs to be written – not started
Needs to be discussed – not started	How should the IAQP be applied when the IAQ/CoCs are not well defined		<i>Removal of gaseous contaminants; & Effect on living things</i>		Marwa Zaatari	RTAR needs to be written – not started
Needs to be discussed – not started	Controlling CO2 levels when applying the IAQP – what ventilation rate should be used with the IAQP?		<i>Removal of gaseous contaminants; & Effect on living things</i>		Charlene Bayer	RTAR needs to be written – not started
Needs to be discussed – not started	IAQP in residences		<i>Removal of gaseous contaminants; & Effect on living things</i>			RTAR needs to be written – not started
Needs to be discussed – not started	Gas phase filtration and CoCs for residences		<i>Removal of gaseous contaminants; & Effect on living things</i>			RTAR needs to be written – not started
	SVOCs		<i>Nature of gaseous</i>		Jensen Zhang	RTAR proposed

ASHRAE TC 2.3 Planning Subcommittee Meeting Minutes

Tuesday, 28-June, 2016, 6:30 – 8:00 am

St. Louis, MO, Marriot, Landmark 2

			<i>pollutants:</i> How SVOC emissions change with temperature			in Atlanta—needs to be written
	Bio-effluent emission rates to assist IAQP calculations		<i>Nature of gaseous pollutants:</i>		Chang-Seo Lee	RTAR needs to be written
	Gas Phase emissions from 3D printeres		<i>Nature of gaseous pollutants:</i>		Barney Burroughs	RTAR needs to be written.