

ASHRAE TC 2.3 Planning Subcommittee Minutes
January 21, 2022 from 10:00 AM to 12:00 PM PST
Virtual meeting

WebEx Link:

<https://events.rdmobile.com/Sessions/Details/1260249>

Agenda:

1. Call to order and introductions/sign in virtually

a. Called to order at 10:00 AM

Name	Affiliation
Ashish Mathur	UVDI
Caitlin Naske	Dynamic AQS
Chris Hsieh	Trane Technologies
Christine Sun	Waterloo Filtration Institute
Chrystal Jolliffe	Carrier Corporation
Dan Mason	Bioclimatic
Gabrielle Davis	Camfil
Gemma Kerr	
Glenn Brinckman	Global Plasma Solutions
John Randtke	Schneider Electric
Kathleen Owen	Owen Air Filtration
Kevin Kwong	LMS Technologies
KJ Choi	

Name	Affiliation
Marwa Zaatari	D Zine Partners
Matt Middlebrooks	Camfil
Mengjia Tang	UT-Austin
Michael Corbat	Rensa Filtration
Michael Sherber	Plasma Air
Mick Flom	3M
Rami Alkhalil	Intelaqa Energy Solutions
Scott Parris	Freudenberg
Stephanie Licht	Boeing
Stephen Trent	Boeing
Victoria Binz	Dynamic AQS
Wane Baker	Trane Technologies

2. Approval of the summer meeting minutes

a. One sentence in the minutes needs to be edited for clarity:

- i. “Recent update to ETF filtration and disinfection clarifying that you can use MERV-13 or better filters for improved cleaning performance.”

3. Update on action items from 2021 ASHRAE Summer Virtual meeting

a. TC2.3 Roadmap (Kevin)

- i. The Research and Programs roadmaps have been updated and will be posted to Basecamp.
- ii. A Planning roadmap also needs to be developed.

b. TC2.3 presentation to Chapters. Kathleen emailed the presentation in Winter 2021. Current status? Upload to website and basecamp?

- i. Kathleen’s presentation is an introduction to TC 2.3 but also contains information on TC 2.4 and TC 2.9.

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- ii. Gemma, Marilyn, and Chris Hsieh will review Kathleen's presentation and extract the TC 2.3 content.
 - iii. Matt will find his presentation and send to Gemma and Marilyn.
- c. Charlene and Paula are going to write an emerging issue document on 3D printers. EHC's goal is to have more interaction with the TC's. Charlene is keeping EHC up-to-date on TC 2.3 research topics.
 - i. This is no longer in the works.
 - ii. Brent Stephens has some related research, but it is focused on particulates.
 - iii. There were some communications with TC 5.8 (Exhaust) in the past.
 - iv. Paula will find contacts from old emails and ask again.
- d. RTAR - Effects of increased use of surface disinfectants and hand sanitizers on indoor air quality (Chang-Seo)
 - i. Submitted on July 17, 2021. Document number is RTAR-1935.
 - ii. RAC should have reviewed in the Fall 2021. However, this likely did not happen.
 - iii. Paula will get an update from the Research Chair's Breakfast.
- e. TG2.RAST – Reactive Air and Surface Treatment (Kathleen)
 - i. First meeting in January 2022.
 - ii. Kathleen presented on existing test methods for air cleaners. These test methods included particulates, gases, or microbes as the challenge contaminants.
 - iii. A sub working group was formed to look at developing a new test method.
 - iv. Email Kathleen if you would like to participate in this sub working group.
 - 1. Marilyn expressed interest in joining the working group.
 - v. Sign-up on the ASHRAE website if you would like to join as a corresponding member.
 - 1. <https://tg2rast.ashraetcs.org/membership.php>
- f. TC 9.1 and TC 2.3 connection (Bill)

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- i. No update. Bill was not in attendance.
- g. Integration/promotion of TC 2.3 expertise on gaseous contaminants for other ASHRAE committees. Journal article? (Nick, Kathleen, Gemma, Marwa, Chang-Seo)
 - i. One example given was the Standard 52.2 ASHRAE Journal article written by Gemma and Kathleen. This received very good press.
 - ii. The recommendation was to keep the article light-hearted and not too technical.
 - iii. Marilyn, Gemma, Kathleen, Gabrielle Davis, and Chris Hsieh volunteered to work on an article.
 - 1. Marilyn will put together a Zoom meeting for this group.
 - 2. Possible title – “Who Cares If It Stinks?”
- 4. Update on documents:
 - a. New CO2 Position Document (Charlene)
 - i. Marwa provided the update. Andy Persily is the Chair. The document is finished. However, no votes have been taken.
 - b. Enhanced IAQ guide. Guideline 42P (Marwa)
 - i. The first document will be published. This document falls under ASHRAE 62.1.
 - ii. The second public review will happen in mid-February.
 - iii. There is a lot of information on gaseous pollutants and emerging air cleaners. Both outdoor and indoor pollution.
 - iv. Marwa encouraged all TC 2.3 members to review the content.
 - c. TRG4. IAQP (Nick Agopian)
 - i. Victoria mentioned that there will be a hybrid meeting in Las Vegas on Sunday, January 30 from 6:00-8:00PM PST.
 - d. Certification (Sanjeev)
 - i. No updates.
 - e. MTG: Health and Wellness in the Built Environment Multi-Disciplinary Task.

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- i. Marwa provided the update. The final report will be sent to EHC for approval in January 2022.
- ii. The goal is to highlight what ASHRAE is missing in health and wellness.

5. Publicity of TC2.3 (Caitlin)

- a. Caitlin has been posting documents on the website. Not much activity on social media.
- b. A sub working group consists of the following members: Caitlin, Marilyn, Marwa, Nick, Sanjeev, and Bill.
- c. Marilyn has setup a Facebook group for TC 2.3.
- d. Bill has setup a LinkedIn page.

6. New business?

- a. Planning meeting adjourned at 10:40 AM