

ASHRAE TC 2.3 Planning Subcommittee Meeting Minutes **DRAFT**

June 10 from 12:00 PM to 1:00 PM CST

Virtual meeting

Zoom Link:

<https://events.rdmobile.com/Sessions/Details/1138331>

Agenda:

1. Call to order and introductions/sign in virtually 12 pm CST
Meeting called to order at 12 pm CST

| Name | Affiliation |
|---------------------|-----------------------|
| Marwa Zaatari | D ZINE Partners |
| Sanjeev K Hingorani | Lennox Industries |
| Kevin Kwong | LMS Technologies |
| Caitlin Naske | Dynamic AQS |
| Victoria Binz | Dynamic AQS |
| Matt Middlebrooks | Filtration Groupm |
| Kathleen Owen | Owen AFC |
| Len Duello | Lincoln Electric |
| Dave Schaaf | AAF |
| Brian Krafthefer | BCK |
| Gemma Kerr | Canada |
| Paula Levasseur | LMF Services |
| Chang-Seo Lee | Concordia University |
| Paolo Tronville | Politecnico di Torino |
| K-J Choi | |
| Nick Agopian | Renewaire |
| Marilyn Listvan | |
| Chris Muller | Muller Consulting |
| Mick Flom | 3M |
| Michael Corbat | |
| Michael Sherber | Plasma Air |
| Gregg Sanko | BASF |
| Ashish Mathur | UVDI |
| Jeff Roseberry | promarkassociates |

2. Approval of the winter meeting minutes.
[The winter meeting minutes were approved; however we need to remove the e-mails of the attendees before posting it on the website.](#)
3. Update on the action items from 2021 ASHRAE Winter Virtual meeting
 - Update from Kathleen on COVID-19 filtration and disinfection and portable air cleaner guidance.
[Recent update to ETF filtration and disinfection clarifying that you can use MERV-13 or equivalent or better cleaning performance.](#)
[In-room air cleaner \(2 pages\) guidance published.](#)

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Open free source tool published to calculate equivalent OA.

There is no mention of gaseous contaminants or gaseous removal.

- Update on TC2.3 Roadmap: Update from Paula, Kevin, and Brian and TC2.3 presentation to Chapters.
Kevin: will make an update by end of July. The goal is to put it on the website/social media.
 - Matt proposed a new MTG or GPC to work on Guidelines on how the technologies should be combined primarily for TC2.9, TC2.4 with TC2.3. Update from Matt.
There is a program on June 28, 4 pm ET to address this topic.
 - Update on status and TC2.3 involvement with stand-alone room cleaner with multiple technologies. The objective here is to see how to test a room air cleaner with multiple technologies. It is a chamber test. Update from Matt and Gemma.
RTAR was submitted number 1928 – specific to pathogens (includes by-products). TC2.3 is a co-sponsor.
 - 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.
Brian, Marilyn, Gemma to start with Marilyn will start with a literature search.
A Standard for emissions was created by UL.
Paula will retrieve the old e-mails and distribute.
Nick Agopian, Victoria Benz, and Daniel Mason will provide support.
4. Update on documents:
- New CO2 Position Document. Update from Charlene.
No update.
 - Enhanced IAQ guide. Guideline 42P. Update from Marwa.
42P going to public review soon. Marwa to send a notice.
 - TRG4. IAQP. Update from Nick Agopian.
Nick: lots of work going on. Interest to move it to technical committee. Also there is interest from 62.2.
Victoria: June 22, 9 -11 am ET.
 - Certification. Update from Sanjeev. No update
 - MTG: Health and Wellness in the Built Environment Multi-Disciplinary Task.
No update
5. Other: Publicity of TC2.3. Update from Caitlin.
Caitlin is making updates frequently.
6. Emissions from cleaning products applied to surfaces. Chang Sao proposed an RTAR.
Chang Sao wrote the RTAR --- TC2.3/TC2.9/EHC/62.2

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7. TC 9.1. Bill suggests a better connection between 9.1 and 2.3.
No update

8. New business?

Kathleen to form an MTG: suggested name = reactive air cleaners. Goal: pull together information and people, end goal is to use to discuss a method of test.

Kathleen to lead, Brian, Chang-Seo, Nick, Gemma, Marwa, Matt are interested.

Nick Agopian brought up two issues: 1) we only focus on the removal of contaminants and not so much on the actual gaseous contaminants, 2) how other committees in ASHRAE can use the expertise in this group? Gemma mentioned that this is a “chronic” problem. Do we want to think about a journal article? Kathleen, Gemma, Nick, Marwa, Chang-Seo?

Meeting adjourned at 1 pm CST.