

Draft Agenda
TC 2.3 - Gaseous Contaminants/Removal Equipment
Research Subcommittee Meeting
Chicago Sunday 5:00-7:00 pm

1. Meeting call to order
2. Introductions and Sign-In - 5 min
3. Review of Minutes from Long Beach – 5 min
4. RAC Report (Liaison TC 2.3 – Pawel W) – 5 min
5. Active Projects – 5 min
6. Work statements, RTARs, and RPs – Updates – 20 min
 - A. **1720-TRP Validation of gas-phase air-cleaner performance test method (Standard 145.2) by laboratory testing of commercially available filtration devices** – Kartik Potukuchi PES: Paula Levasseur, Chris Muller, Gemma Kerr. Was awarded to RTI, but RTI cancelled. A revised bidders list must be turned in by February 19th for the project to go out for rebid in the Spring. **We need at least one more!**
 - B. **1579-WS Testing and Evaluation of Ozone Filters for Improving IAQ**— Sanjeev Hingorani, Kevin Kwong Matt Middlebrooks Nick Agopian, Thad Ptak are on the PES. Resubmitted 8/15/17.
 - C. **1755-TRP, Impact of Gaseous Contamination and High Humidity on the Reliable Operation of Information Technology Equipment in Data Centers**”. TC9.9 project, TC 2.3 co-sponsor, Chris Muller on PES.
 - D. **1780-WS, Test Method to Evaluate Cross-contamination of Gaseous Contaminant within Total Energy Recovery Devices**; Responsible Committee: TC 9.10 (Laboratory Systems); Co-Sponsors: TC 2.3. Chris Muller, Nick and Gemma. WS revised per comments; new draft sent for new votes 1/7/18.
 - E. **1838-RTAR Testing of Electronic Air Cleaners** – 145 & 62.1 - Submitted for 8/15/17 deadline
 - F. **Xxx-RTAR -Outdoor ozone in naturally vented buildings**” cosponsored from 62.1, Charlene on PMS. 62.1 will take their vote on this RTAR in Chicago, then submit.
7. Proposed RTARS and other work: status updates - 75 min
 - A. sVOCs including how SVOC emissions change with temperature - Sanjeev*, Jianshun Zhang, Kevin Kwong
 - B. Real Time Small sensors: Brian K., Marilyn Listvan, Fuoad Parvin, Lu Lui, Thad Ptak, Jeff Roseberry, Dave Space, Sanjeev H., Jensen Zhang. 2.3 vote gutted it.
 - C. Consumer Product used by Occupants, Related Pollution Loads - Chang-Seo Lee*, Thad Ptak, Marilyn Listvan - revisit at a later date.
 - D. Bipolar Ionization/Reactive Air Cleaner performance test method for VOC etc. removal and testing a variety of commercially-available ionization devices. Tony Abate champion, Scott Sherwood, Jensen, Dean Tompkins, Charlie Waddell, Chang-Seo, Marilyn Listvan.
 - E. The effects of filtration on health. Dean Tompkins, Nick Agopian, with EHC interest.
 - F. Multi-contaminant challenge what acceptable VOC levels-on hold
 - G. The role of gas filtration improving IAQ in Residences – Jensen, Nick and Kathleen.
 - H. Using specially treated textiles to reduce odors (the effect would be similar to using room air-cleaners). Arsen Melikov champion, Ashish, Paula Levasseur.

- I. Demand-based air-cleaner operation to save energy. Brian Krafthefer, Jensen Zhang, Kyle Kisebach, someone from GPC 35 – Brian will work on this after the RTAR on Sensors.
- J. 3D Printing Topic: needs champion (Paula Levasseur will help someone). UL is working on this they have put together scientific panels. (Paula, Gemma, Marwa, and Dan)
- K. Effect of particles on loading on gas filters. with possible interest in looking at other combinations of technologies in the same air cleaner (probably a separate project) 2.4 / 2.3/ 2.9 (Matt Brian Paula)
- L. Marijuana – effect on air quality in homes cars etc., Kazukiyo Kumagai (noted that marijuana is still illegal US-wide) EHC doing RTAR – Jeff Siegel a good contact
- M. E-cigarette - effect on air quality in homes cars etc., Kazukiyo Kumagai & Shamia Hoque (EHC writing a position paper on this – Larry Shuen?

8. New ideas – 5 min

9. Adjourn

10. Research Chair Breakfast Notes (to be added after the Monday morning meeting)