

**MEETING MINUTES**  
**TC 2.3 - Gaseous Contaminants/Removal**  
**Equipment Standards Subcommittee Meeting**  
Thursday, June 10, 2021, 2:00-3:00 PM EDT

Present: Michael Sherber (Chair), Jeffrey Roseberry, Len Duello, John Randtke, Chris Muller, Kathleen Owen, Gregg Sanko, Kevin Kwong, Henry Greist, Daniel Love, Dan Mason, Matt Middlebrooks, Sanjeev Hingorani, Victoria Binz, Caitlin Naske, Brian Krafthefer, Gemma Kerr, Dan Haas, Mick Flom, Michael Corbat, Chang-Seo Lee

- 1) **Introductions and Sign-In (please email me if you attend with your contact information).**
- 2) **Approval of the agenda – Approved with changes (adding in Kathleen Owen discussing new MTG).**
- 3) **Approval of the Jan. 21, 2021 webinar minutes – Approved with changes.**
- 4) **New MTG for reactive air cleaners – Kathleen Owen discussed a new MTG she is involved with to start to develop a test method for reactive air cleaners (anything that uses reactions to clean the air. This includes electronic air cleaners). She said the impetus for this which has occurred very recently is coming from senior levels of ASHRAE.**
- 5) **Update on standards within scope of ASHRAE TC 2.3**
  - a) ASHRAE Std. 145.1-2015 "Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Loose Granular Media" *Tony Abate* **No report, next SSPC 145.1 meeting is June 23th.**
  - b) ASHRAE Std. 145.2-2016 "Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices" – *Tony Abate* - **No report, next SSPC 145.2 meeting is June 23th.**
- 6) **ASHRAE SPCs/SSPCs/TCs/TGs; TRGs activities**
  - a) TC 2.9 "Ultraviolet Air and Surface Treatment" -*Ashish Mathur*
    - i) SPC 185.1-2015 "Method of Testing UVC Devices for use in air handling units or air ducts to inactivate airborne microorganisms" - *Ashish Mathur* **No changes to 185.1.**
    - ii) SPC 185.2-2014 "Method of Testing Ultraviolet Lamps for Use in HVAC&R Units its Air Ducts on Irradiated Surfaces" - *Ashish Mathur.* **No changes to 185.2.**
    - iii) SPC 185.3 *Ashish Mathur* - **This is a new standard. Title, Purpose and Scope has been approved. This is a chamber test. Next meeting is June 23<sup>rd</sup>.**
    - iv) SPC 185.4? *Ashish Mathur* - **Possible UV test for surface disinfection is being considered.**
  - b) SSPC 62.1 "Ventilation and IAQ High Rise Buildings" – *Michael Sherber.* **The Standard 62.1 Users Manual is going to public review soon.**
    - i) Research
    - ii) Education
  - c) SSPC 62.2 "Ventilation and IAQ Low Rise Buildings" - *Nick Agopian.* **No report.**

## 7) Information Exchange

- a) AFS - KJ Choi. **No report.**
- b) ASTM D22.0S "Air Quality" SC "Indoor Air"- **need new person to report.**
- c) ASTM D28.04 "Activated carbon" SC "Gas Phase Evaluation Tests" - **need new person to report.**
  - i) D6646-03 (2014) "Standard Test Method for Determination of The Accelerated Hydrogen Sulfide Breakthrough Capacity of Granular and Pelletized Activated Carbon"
- d) **ISO/TC 142 "Cleaning Equipment for Air and Other Gases" – Kevin Kwong**
  - i) WG8 "Gas-phase air cleaning devices"
    - (1) ISO/NP 10121- 3 "Test method for assessing the performance of gas-phase air cleaning media and devices for general ventilation - Part 3: Classification system for Treatment of make-up air"
  - ii) WG11 "Portable room air cleaners for comfort applications"
    - (1) Joint working group (JWG17) with IEC/TC59. **There will be an ISO TC 142/JWG 11 meeting on June 22, 2021 from 7:30 am to 9:00 am EDT.**
    - (2) IEC 63086 "Household and similar electronic air cleaning appliances – measurement of performance".
      - **Sub Working Group (SWG) 2 – Development of a Part 2-2 on Measurement and Reduction of Chemical Gases. SWG met on May 12, 2021. Their next meeting is scheduled for Sept. 1, 2021 from 7 am to 9 am EDT.**
  - iii) US Technical Advisory Group (TAG) to ISO/TC 142
- e) CEN/TC 15 6 "Ventilation for buildings" - Paolo Tronville. **No report.**
  - i) EN 16798-3:2017 "Energy performance of buildings - Ventilation for buildings - Part 3: For non-residential buildings - Performance requirements for ventilation and room air-conditioning systems (Modules M5-1, MS-4)" (Supersedes EN 13779:2007);
  - ii) CEN/TR 16798-4:2017 "Energy performance of buildings - Ventilation for buildings - Part 4: Interpretation of the requirements in EN 16798- 3 - For non-residential buildings - Performance requirements for ventilation and room-conditioning systems (Modules MS-1, MS-4)"
    - (1) It contains information to support the correct understanding and use of EN 16798-3.
- f) Other ISO TCs (and also CEN, ITRJ, etc.) **No report.**
- g) <http://www.cluster-essc.eu/> - The European Sensor-Systems Cluster (ESSC)
- h) AHAM – Kevin Kwong. **Ashish said that they are looking to update AHAM to include gaseous contaminants initially, then microbials after that.**
- i) CRRA - Chris Muller. **No report.**

## 8) New business - **none**

## 9) Any other business - **none**

## 10) Adjournment – **the meeting was adjourned at 2:40 PM.**