

**MEETING AGENDA**  
**TC 2.3 - Gaseous Contaminants/Removal Equipment**  
**Standards Subcommittee Meeting**  
Friday, January 4<sup>th</sup> 2019, 10:00-noon EST  
Web Meeting – no room

- 1) **Introductions**
- 2) **Approval of the agenda**
- 3) **Liaison Report (Do we have a Standards liaison? Who is he/she?)**
- 4) **Update on standards within scope of ASHRAE TC 2.3**
  - a) GPC 27P “Procedures for measurement of gases in indoor environments” – *Gemma Kerr*
  - b) ASHRAE Std. 145.1-2015 “Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Loose Granular Media” – *Matt Middlebrooks*
  - c) ASHRAE Std. 145.2-2011 “Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices” – *Matt Middlebrooks*
- 5) **ASHRAE SPCs/SSPCs/TCs/TGs/TRGs activities**
  - a) TC 2.4 “Particulate Air Contaminants and Particulate Contaminant Removal Equipment” – *Gemma Kerr*
    - i) GPC35P “Method for Determining the Energy Consumption Caused by Air-Cleaning and Filtration Devices” – *Matt Middlebrooks*
    - ii) SSPC 52.2 “Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size”- *Gemma Kerr*
  - b) 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*
    - ii) SPC 185.2-2014 “Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts on Irradiated Surfaces” - *Ashish Mathur*
  - c) TC 9.11 “Clean Spaces” – *TBD*
  - d) SSPC 62.1 “Ventilation and IAQ High Rise Buildings” – *Chris Muller*
    - i) Research
    - ii) Education
  - e) SSPC 62.2 “Ventilation and IAQ Low Rise Buildings” – *Nick Agopian*
- 6) **Information Exchange**
  - a) AFS – *KJ Choi*
  - b) ASTM D22.05 “Air Quality” SC “Indoor Air” – *Peter Freeman*
  - c) ASTM D28.04 “Activated carbon” SC “Gas Phase Evaluation Tests” – *Peter Freeman*
  - d) ISO/TC 142 “Cleaning Equipment for Air and Other Gases” – *Matt Middlebrooks*
    - 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) ISO/NP 17970-1 “Measurement of the performance of portable room air cleaners - Part 1: Performance against non-viable particulate matter”
      - (2) ISO/PWI 17970-2 “Measurement of the performance of portable room air cleaners - Part

2: Performance against gases”

- iii) US Technical Advisory Group (TAG) to ISO/TC 142
- e) ISO/TC 205 “Building environment design” – *TBD*
  - i) ISO 16814:2008 “Building environment design - Indoor air quality - Methods of expressing the quality of indoor air for human occupancy” (reviewed and confirmed in 2014)
- f) USGBC – *Charlene Bayer*
- g) CEN/TC 156 “Ventilation for buildings” – *Paolo Tronville*
  - i) EN 16798-3:2017 “Energy performance of buildings - Ventilation for buildings - Part 3: For non-residential buildings - Performance requirements for ventilation and room-conditioning systems (Modules M5-1, M5-4)” (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 M5-1, M5-4)”
    - (1) It contains information to support the correct understanding and use of EN 16798-3.
- h) Other ISO TCs (and also CEN, ITRI, etc.)
- i) <http://www.cluster-essc.eu/> - The European Sensor-Systems Cluster (ESSC)

**7) New business**

**8) Any other business**

**9) Adjourn**