

MEETING AGENDA
TC 2.3 - Gaseous Contaminants/Removal Equipment
Standards Subcommittee Meeting
Wednesday, January 10th 2018, 10:00-noon EST
Web Meeting – no room

1) Introductions and Sign-In

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” – *Paula Levasseur*
 - 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” – *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