

MEETING AGENDA
TC 2.3 - Gaseous Contaminants/Removal
Equipment –
Standards Subcommittee Meeting

Georgia World Congress Center, Rm. A301 (3)

Monday, February 6, 2023, 2:30-3:30 PM
EST

1) Introductions and Sign-In

2) ASHRAE Code of Ethics Commitment

In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interests.

(Code of Ethics: <https://www.ashrae.org/about/governance/code-of-ethics>)

(Core Values: <https://www.ashrae.org/about/ashrae-s-core-values>) -

3) Approval of the agenda

4) Approval of the June 22, 2022, webinar minutes (see attached)

5) Guideline 27-2019 Update Review – Gemma Kerr

6) Discuss whether to hold future meetings online

7) 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*
- b) ASHRAE Std. 145.2-2016 "Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices" – *Tony Abate*

8) 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*
 - ii) SPC 185.2-2014 "Method of Testing Ultraviolet Lamps for Use in IIVAC&R Units its Air Ducts on Irradiated Surfaces" - *Ashish Mathur*
 - iii) SPC 185.3 - *Kathleen Owen*
- b) SSPC 62.1 "Ventilation and IAQ High Rise Buildings" – *Michael Sherber*
- c) SSPC 62.2 "Ventilation and IAQ Low Rise Buildings" – *We need a volunteer to report to this subcommittee*

9) Information Exchange

- a) AFS - KJ Choi
 - i) FiltCon 2023, at Galt House, Louisville, KY, May 1-3, 2023

- b) ASTM D22.0S "Air Quality" SC "Indoor Air" – *need a volunteer*
- c) ASTM D28.04 "Activated carbon" SC "Gas Phase Evaluation Tests" - *need a volunteer*
 - 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) Working Group 8: Gas Phase Air Cleaning Devices and Media
 - ii) **Working Group 11: Portable room air cleaners for comfort applications (Joint between ISO/TC 142 and IEC/TC 59)**
IEC/TC 59 was restructured to a subcommittee (SC59N) of TC 59 on November 3, 2021. SC59N approved unanimously the creation of 5 Working Groups and 1 Maintenance Team as follows:
 - (1) WG 1 - Reduction of particles
To develop performance test method standards for reduction of particles by household and similar electrical air cleaning appliances
 - (2) WG 2 - Reduction of chemical gases and ozone
To develop performance test method standards for reduction of chemical gases by household and similar electrical air cleaning appliances
 - (3) WG 3 - Reduction of microorganisms
To develop performance test method standards for reduction of microorganisms by household and similar electrical air cleaning appliances. Limonene and formaldehyde will be the challenge gases
 - (4) WG 4 - General characteristics
To develop guidelines for and management of Round Robin Testing, noise measurement (with TC 59/WG 2), consumer information on sensor communications, measurement of air cleaning appliances in automatic mode, and measurement of electrical power/energy
 - (5) WG 5 - Special types of air cleaners
To develop performance test method standards for special use air cleaning appliances, including fresh-air, air cleaning appliances, passenger vehicle portable air cleaning appliances and robotic/mobile air cleaning appliances
 - (6) Maintenance Team (MT) 6 - Maintenance of IEC 63086-1
To maintain IEC 63086-1, Household and similar electrical air cleaning appliances - Methods for measuring the performance - Part 1: General requirements
- e) CEN/TC 15 6 "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 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) <http://www.cluster-essc.eu/> - The European Sensor-Systems Cluster (ESSC)

- g) AHAM – *Kevin Kwong*
 - i) AC-4
 - ii) AC-5
- h) CRRA - *Chris Muller*

10) New business

11) Any other business

12) Adjournment