

DRAFT MEETING MINUTES

rev 1

TC 2.3 - Gaseous Contaminants/Removal Equipment Standards Subcommittee Meeting

Monday, July 8, 2019, 2:00-2:45 PM EDT

- 1) **Introductions and Sign-In (please email me if you attend with your contact information). Meeting was called to order at 2:03 PM.**
- 2) **Approval of the agenda. This Agenda was approved by a unanimous vote.**
- 3) **Approval of the Kansas City minutes. The Kansas City minutes were approved as submitted, by a unanimous vote.**
- 4) **Update on standards within scope of ASHRAE TC 2.3**
 - a) GPC 27P "Procedures for measurement of gases in indoor environments" - *Gemma Kerr. GPC 27P was published at the end of 2019. (can take this off the agenda going forward)*
 - b) 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*
 - c) ASHRAE Std. 145.2-2016 "Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices" – *Tony Abate/Matt Middlebrooks: There are a few addenda being considered. They are still looking at incorporating bipolar ionization. This committee meets next Tuesday, July 14, 2020.*
- 5) **ASHRAE SPCs/SSPCs/TCs/TGs; TRGs activities**
 - a) TC 2.4 "Particulate Air Contaminants and Particulate Contaminant Removal Equipment" - *Gemma Kerr (this can be taken off future agendas)*
 - i) GPC35P "Method for Determining the Energy Consumption Caused by Air-Cleaning and Filtration Devices" - *Matt Middlebrooks: Jeff has canceled the last few meetings. There was an RTAR that was approved which looks at the effective gas-phase performance of filters.*
 - ii) SSPC 52.2 "Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size"- *Kathleen Owen: they had a calculated PM2.5 efficiency that was approved.*
 - iii) 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 major updates, but there is talk about updating this, however not updated yet.*
 - iv) SPC 185.2-2014 "Method of Testing Ultraviolet Lamps for Use in IIVAC&R Units its Air Ducts on Irradiated Surfaces" - *Ashish Mathur: the 2020 edition is in galley proofs.*
 - b) TC 9.11 "Clean Spaces" – *TBD, no report*
 - c) SSPC 62.1 "Ventilation and IAQ High Rise Buildings" - *Chris Muller, no report*
 - i) Research
 - ii) Education
 - d) SSPC 62.2 "Ventilation and IAQ Low Rise Buildings" - *Nick Agopian, no report*
- 6) **Information Exchange**
 - a) AFS - *KJ Choi: AFS Congress rescheduled to April 2021, World Filtration Congress*

rescheduled to Sept. 2021.

- b) ASTM D22.0S "Air Quality" SC "Indoor Air" - *Peter Freeman, no report.*
- c) ASTM D28.04 "Activated carbon" SC "Gas Phase Evaluation Tests" - *Peter Freeman, no 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- 1 "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". *Kevin Kwong: 10121-3 (classification system for gas-phase air cleaning devices) is in the committee draft stage.*
 - 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". *Kevin Kwong: WG11 is no longer focusing on ISO 17970 due to IEC's fast-moving progress on 63086.*
 - (2) IEC 63086 "Household and similar electrical cleaning appliances – methods for measuring performance". *Kevin Kwong:*
 - *Update 63086-1 (general requirements) is in the FDIS final draft stage*
 - *Work is beginning on 63086-2-1 (particulates)*
 - *63086-2-2 (gases) and 63086-2-3 (microbials) are under consideration*
 - iii) US Technical Advisory Group (TAG) to ISO/TC 142
- e) ISO/TC 205 "Building environment design" – *TBD, no report*
 - 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, no report*
- g) CEN/TC 15 6 "Ventilation for buildings" - *Paolo Tronville, no report*
- h) 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); *no report*
- i) 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)" *no report*
- j) (1) It contains information to support the correct understanding and use of EN 16798-3. *no report*
- k) Other ISO TCs (and also CEN, ITRJ, etc.), *no report*
- l) <http://www.cluster-essc.eu/> - The European Sensor-Systems Cluster (ESSC), *no report.*

7) New business, **none**

8) Any other business, **none**

9) Adjournment, **Gemma Kerr moved, Kathleen Owen seconded. Meeting adjourned at 2:28 PM.**