

DRAFT Agenda

ASHRAE SSPC 52.2

MOT - General Ventilation Air-Cleaning Devices for Removal Eff. by Particle Size
Jan 21, 2024 9:00:00 AM– 12:00:00 PM CST – McCormick Place West, W1788

Task Groups: Font is Bold, Blue

Action Items: Font is Bold, Red

Minutes: Font is Italic, Green, 52.2 Secretary: Jenny Berens

Additional comments in Italic, Orange

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- 1) Call to Order – 5 min ✓
- 2) Chair Remarks – 3 min ✓
 - a) Code of Ethics - “As members of ASHRAE or participants in ASHRAE activities, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct. We will avoid conflicts of interest, and behavior that is discriminatory and/or harassing.” For more, read here: <https://www.ashrae.org/about/governance/code-of-ethics>
- 3) Roll call for voting committee members - 7 min ✓

13/19 during roll call = Quorum (see end of minutes)

A couple of late arrivals
- 4) Review of this agenda – 1 min ✓
- 5) Review of “Draft” Tampa 2023 Minutes – 5 min ✓
 - a) <http://sspc522.ashraepcs.org/> to find minutes, agendas

Jeni Wong makes a motion to approve minutes. Sanjeev Hingorani seconds. Minutes are passed.
- 6) Membership – 5 min ✓

No new members for this meeting, but quite a few rolling off after the meeting in Indianapolis this summer.

Chair encourages meeting to please ask colleagues and connections if they are interested in becoming a committee member/VCM.
- 7) Website – Todd McGrath – 3 min ✓

Chair also serves as current web-master.

Secretary asks Chair if possible to update document loaded on site so that “draft” is taken out of file name once minutes have been voted as passed. Chair agrees.

Chair mentions that website (will?) hosts a letter informing the reader regarding the absence of MERV 17-20 ratings.
- 8) Liaison Report – Jerry Kettler gikettler@air-engineer.com – 5 m ✗

Not present
- 9) 62.2 & 62.1 Liaison report – Vijay / Wane Baker / – 5 min ✓

No update

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a) Revisions to 52.2 Document – 4m

- i) Public review was submitted for the 4th time ✓

Gemma and Todd have been working on reformatting issues, since ASHRAE's formatting requests keep changing.

Target is for a reprint of 52.2 this year.

Todd mentions the possibility to set up a virtual meeting for voting members only before the summer meeting.

b) Youtube videos. 1) Explain MERV, **WG: Zied D, Marisa J-S**, - 1m ✓

- i) What do we want to do next?

Possible to watch the video in the virtual meeting & discuss potential changes? Discussed watching video in current meeting, but technical equipment missing (watch without audio).

Might watch in virtual meeting before Indianapolis.

c) WG - Evaluation of conditioning methods – Don T, Kathleen O, Mike C, et all – 05 m ✓

- i) Report from the group

Don reports no progress due to highly demanding business priorities the past 6 months.

d) Thad Ptak Presentation – 30 min ✓

- i) Slices on 52.2 Testing

Thad's ppt to be added to 52.2 website.

Vijay: "Precision of particle count needs added. Particle size & particle concentration impacts accuracy in measurements."

Randy Cooper: "CADAR not appropriately defined." Sanjeev: "Kathleen has the same concerns."

Thad: "How defined in 241?"

11) New Business – 9 min

a) ASHRAE 241p – ✓

- i) FYI - Panel 2: LIVESTREAM: Standard 241: You Have Questions; We Have Answers
- ii) Sunday, January 21 9:45 AM – 10:45 AM CST
- iii) Marriott Marquis Chicago, 2nd Floor, Great Lakes A

Todd: "241 up for Public Review end of Jan/beg of Feb."

b) UPDATE – Public review from 189.1 going out soon. ✓

- i) This addendum to Std 189.1 changes the particulate matter removal requirement to reference MERV-13A instead of MERV-13.

c) New ✓

- i) NB

ii) *Keith: "Particle Party, 7PM after 2.4 at Pizzano's Pizza & Pasta nearby."*

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- iii) *Thad: "Should we work on standard including external power?" Currently no standard for market/commercial regulations – performance drops over time and we have the potential for ozone*

Todd: "Tried to reach out together with Kathleen, but no response."

Don: "A long time ago (30yrs), 52.2 was written to get standard to apply, but it was difficult. Business did not want standard back then, but this might have changed."

Thad agrees that manufacturers did not want the standard.

Vijay: "We have to be careful to stick with the 52.2 scope. Might be a need for a new standard?"

Thad & Don agree.

Thad offers to be the chair, or Kathleen might be interested (not present)? Might also be good to check with Caitlin Naske who is 1855 Chair – 1855 (Determination of the Impact of Combustion Byproducts on the Safe Use of Flammable Fluorinated Refrigerants) captures a big part of this and maybe even all.

Jenny: "Kathleen's 52.2 research might give us a sense how Thad's research coincides/applies to 52.2? Important that 52.2 gets to hear a presentation on this"

Todd: "Research has already been published." (1784-RP Repeatability and Reproducibility Assessment of ASHRAE Standard 52.2 as Currently Amended; 189 pages)

**Todd to send out report link to committee. Report free to download for ASHRAE members.
Todd to schedule presentation to Indianapolis.**

Thad: "Proposes research to look at accuracy of measurement instruments."

*Sanjeev: "What is the purpose? Understand test variation? Define test variation of equipment parts?
Ex. Particle counter, pressure drop, nozzle shape, etc?"*

Questions:

- *Data provided by outside lab? Thad: "No"*
- *Cost implications?*

Todd: "Generate a working group?"

Working group generated: Thad, Don, Vijay, Sanjeev, Scott: "Accuracy requirements for flow and resistance measurements for 52.2"

12) Adjourn 52.2 Main meeting ✓

13) SSPC 52.2 Research – Jon R – 10 min

- a) Update on current projects

Jon: "RTAR by Crystal has been submitted and is under consideration."

Jim: "Suggestion in 52.2 has been taken into 2.4 – better cleaning performance in systems with Corsi-Rosenthal box at lower filter efficiencies. System is filter, fit and flow."

Gemma: "RP1928 (Bob B carried out the research) with duct and recirc. What optimizes the system? Airflow, duct access, etc.? RP sponsored by 2.9."

Jeni makes a motion to adjourn meeting. Don seconds. Meeting adjourned.

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Current 2024					General	7
					Filter Manu	7
					Media Manu	3
	Name	PCVM Present (Y=1/N=0)	Roll-off date			
1	Christine Sun	1	6/30/2024	General		
2	Michael Flom	1	6/30/2024	Filter Manu		
3	Bruce McDonald	0	6/30/2024	General		19
4	Randy Brannen	0	6/30/2024	Filter Manu		
5	Donald Thornburg	1	6/30/2024	Filter Manu		
6	Todd McGrath - C	1	6/30/2025	Filter Manu		
7	Mark Tucker - VC	1	6/30/2025	Media Manu		
8	Jenny M Berens - Sec	1	6/30/2025	Filter Manu		
9	Sanjeev Hingorani	1	6/30/2025	User		
10	Rahul Bharadwaj	0	6/30/2025	Media Manu		
11	Gemma Kerr	0	6/30/2025	General	Late arrival	
12	Jim Rosenthal	1	6/30/2026	User		
13	Brandon Boor	0	6/30/2026	General		
14	Bobby Singer	1	6/30/2026	General		
15	Brian Krafthefer	0	6/30/2026	General		
16	Marisa Jimenez-Segovia	1	6/30/2026	Filter Manu		
17	Jeni Wong	1	6/30/2027	Filter Manu		
18	Roberta MacGillivray (NAFA)	1	6/30/2027	General		
19	Terri Self	1	6/30/2027	Media Manu		
20						
		13	Quorum = 2/3 =	12.7	, so 13 needed	