

DRAFT Meeting Minutes

ASHRAE SSPC 52.2

MOT - General Ventilation Air-Cleaning Devices for Removal Eff. by Particle Size
Saturday, 24 June 2017, 8:00 am – 12:00 pm
Broadlind 1/Renaissance/(2)
Long Beach, CA

Votes: Font is Bold, Black
Task Groups: Font is Bold, Blue
Action Items: Font is Bold, Red

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- 1) Call to Order
 - a) Introductions
 - b) Roll call & quorum confirmation – 13 Members attending 3 absent (A), 16 VM
 - Michael Corbat -
 - Kathleen Owen
 - Todd McGrath
 - Keith Chesson -
 - K.J. Choi -
 - David Christopher - A
 - Chris Fischer -
 - Leslye Sandberg –
 - Donna Sullivan - A
 - Tom Justice - A
 - Paolo Tronville -
 - NAFA Rep (Tim Lott) -
 - John Zhang -
 - Dara Fedderson -
 - Bob Burkhead -
 - Sanjeeve Hingorani -
 - **13 Present, 3 Absent of 16**
- 2) Review of this agenda
- 3) Review of “Draft” Las Vegas 2017 Minutes

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4) Vote to approve Las Vegas Minutes – Moved by Leslye Sandburg, Seconded by Keith Chesson :
(12, 0, 3, 1, 16) CNV

5) Review of letter Ballots Approved - Todd

a) None

6) Chair Remarks –

a) Roster Planning, Committee Structure and Succession

- 4 Rolling off
- 5 Rolling On - Kevin Morrow, Rahul Bharadwaj, Zied Driss, Gemma Kerr, John Reese NAFA.
-

b) Awards

- Phil Winters - Distinguished service award.
-
-

7) Liaison Report

a) Standards – Walter Grondzik- Not present

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b) SSPC 62.2 – Ian Walker – Not present

- 62.2 and 62.1 are looking at possibly removing 52.2 and AHRI 680. They are looking at going with ePM2.5.
- 52.2 Needs to respond to 62.2 on why we say they should not.
- 680 is looking at incorporating ePM2.5.
- **Draft a letter and get to committee on using data from Geoff Crosby and John Zhang to give to 62.2. Vijay Champion, Geoff and John to help. Get letter to Kathleen for committee to vote. End of August.**

8) Room Filter Bob Burkhead -

a) Still working on it

b) Kathleen - Send reminder to Bob in Sept

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9) ISO 16890

a) ASHRAE is looking for a response from 52.2 on ISO 16890

- Keeping 52.2 AS IS or adopt ISO 16890

b) Project on how to respond to ANSI of what should be the best methodology. Christine Sun will get data and information together to report back to 52.2 in Chicago.

General room Comments on ISO 16890 topic

No RR done on the 16890 and no understanding on how well the labs can run this method

ISO felt the method was so similar to 52.2 that RR wasn't needed and also time limits.

Getting the data is similar but its, what is done with the data after is the main difference.

CA is requiring (soon) to have MERV and IR. No mention of ASHRAE. MERV is very ingrained in the market.

Filters in the market have many different standards.

Stephanie Reiniche - Former Manager of Standards arrived

ASHRAE had asked Mike C. to bring to 52.2 to see if we preferred ISO 16089 as unified standard.

What are the pros and cons from ASHRAE view

Pro - 1 standard of industry

Con - Lose control of standard

Con - ASHRAE can't sell the standard and make money.

Con - If adopt any changes would have to be minor. Suggest to use parts if we wanted to use it.

If YES - "Motion is recommends that 16890 replaces 52.2."

If adopted any formal revisions would go through the ISO US TAG

If committee adopts but in Public review the public can out vote the committee recommendations.

52.2 would go away and the ISO TAG would be evaluating, changing and modifying the method.

52.2 can wait and work through revision through TC 142.

If there is a NO vote now are there any future limitations? We can reevaluate at anytime.

Would a RR carry more weight is formal RP. Faster is better

We need financial support for RR. Takes time to get RP done.

Are we defending MERV?

We are not comparing 16890 vs MERV.

We should tell 62.2 that, if you want a PM2.5 we can get that but the 16890 is not the way to go.

Article on PM2.5 and why it doesn't mean much on indoor air

We need a formal response to ASHRAE as a whole

ePM is fractional efficiency converted to mass eff. mathematically

3M did research that ISO is under predicting filter efficiency.

Is option can 52.2 be residential and ISO commercial?

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Mid MERV filters will be Course and could lead to lowering of filter efficiency.

We should separate the 2 votes 62.2 and 16890

Educate 62.2 on what test results will actually be for ePM2.5

Geoff Crosby showed a table from Lydall on ePM to MERV

ISO will go to - 49 different levels.

52.2 is allowed to adopt portions of 16890

10) Task Group Reports and Discussions

- a) None

11) Open Action Items

- a) EAC list of Contacts – Eric Brodsky – Complete –
 - **Mike and Kathleen to write letter.**
- b) Letter ballot regarding Air Density Equation – Mike
 - Monroe is going to resend the original to Kathleen
 - Possible to refer to ASME document?
 - **Todd to look up ASME document and verify number and get with Kathleen.**
- c) Examples in the standard may need to be updated to reflect updated table
 - **Phil to update table examples and to change as errata - Get to Kathleen.**
- d) Al Vatine – Need to look at particle drying method - Done

12) New Business

- a) None
- b)

13) Adjourn Motion Phil Maybee , Leslye Sandburg Second 11:00

14) Stay for SSPC 52.2 Research

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Appendix: Attendees (43)

Name	Company	Name	Company
Todd McGrath	Glasfloss	Mike Corbat	Custom Filter
Phil Maybee	The Filter Man	Lesley Sandburg	Permatron
Rahul Bharadwaj	AAF	Chris Fisher	Donaldson
Dara Fedderson	H&V	Bob Burkhead	Blue Heaven
Keith Chesson	Clarcor	Kathleen Owen	RTI
Kevin Kwong	LMS	VJay	AEROFIL
Timmy Lot	NAFA	Lan Duello	Georgia Pacific
K-J Choi	Clean & Science	Steve Han	Clean & Science
Tim Ahn	Clean & Science	Marisa J de Segouia	AirCare de Mexico
Matt Middlebrooks	Filtration Group	Paolo Tronville	Politechico di Torino
Sanjeev Hingorani	Lennox	John Zhang	3M
Bruce Duffy	Tri Dim	Zied Driss	Camfil
Bob Burkhead	Blue Heaven	Don Thornburg	Camfill
Christine Sun	Filtration Tech	Chris Stone	AHRI
Anja Coenen	Freudenburg	Mick Flom	3M
Gemma Kerr	Living Life	Monroe Britt	Green Leaf
Bobby Singer	Blue Heaven	Rob Martin	Kimberly Clark
Tim Johnson	TSI	John Simenson	Johns Manville
Andrew Untz	Donaldson	Alex Wells	Camfil
Dominick Bisogni	Camfil	Joel Davis	AAF Flanders
Tim Hudson	Environmental Filter	Eric Brodsky	Research Products
Bruce McDonald	Living Life		

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Research 52.2

RTAR 1784 - RR Thad P - Offered to be champion - No updates since then - Needs WS -

Bob concern on if ASHRAE will pay for the one.

Do we want to wait and see what 52.2 does about 16890.

Table since no Champion

Al Vatine - On drying particles.

RTAR on Chamber test - On Hold until further research

Adjourn

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