

**ASHRAE TC 5.4
INDUSTRIAL PROCESS AIR CLEANING (AIR POLLUTION CONTROL)**

Meeting Minutes

January 26, 2015 2:15PM to 4:15PM, Palmer House Hilton, Dearborn 3, Chicago IL
These draft minutes must be approved by this committee to be the official approved record.

Note: For votes concerning standards actions all members must be given an opportunity to vote. In the event all members are not present at the meeting a letter ballot will be sent to the absent members to vote, that will include all negative votes at the meeting and a Chair's response. In the event negative votes are received during the continuation ballot a recirculation ballot will be conducted.

*Negative voters with comment on publication public review votes will be given an opportunity to appeal once the Board of Directors has approved the document for publication. Negative voters who do not comment **will not** be offered a right to appeal.*

Attendees (include voting members and guests, see sign in sheet below)

Name	Affiliation	Name	Affiliation
Tim Hudson	Camfil	Bruce McDonald	Consultant
Bob Burkhead	Blue Heaven Technologies	Dave Schaaf	Freudenburg
Andy Untz	Donaldson	Adam Burmann	AAF
Jason Guelda	AAF	Dan Bivens	RAC Chair
Geoff Crosby	Lydall	Jack Clements	Consultant
Chris Fischer	Donaldson	Daniel VanGilder	Camfil
Monroe Britt	Greenleaf Technologies	KJ Choi	C&S
Christine Sun	Filtration Technologies International	Bruce Duffy	Tri Dim Filter Corp
Ken Peet	TAC Section Head		

- **Call To Order**
 - Meeting called to order at 2:23PM by Tim Hudson, Chair.
- **Membership Roster**
 - Voting Members Present (5 of 6, quorum): Geoff Crosby, Chris Fischer, Monroe Britt, Bob Burkhead, Tim Hudson.
 - Roster needs to be updated on website.
 - Tim to check with Kevin Marple (he has typically volunteered his webmaster).
- **Approval of minutes from last meeting**

Any votes should be recorded as (Yes, No, No with comment, Abstention, and Unreturned)

 - Minutes Reviewed from January 23, 2015 meeting
 - Chris Fischer motioned to approve, Bob Burkhead seconded.
 - Vote: 4,0,0,1,0
- **Old business**
 - Tech paper: due by April 20th for Orlando meeting
 - Bob Burkhead to write
 - Final article for ASHRAE Journal
 - Bob Burkhead to finish by April 20th.

- TC Chair needs to send in Disposition of ASHRAE Sponsored Research form with article.
- **Sub-Committee Reports**
 - Research (Lee Morgan not present)
 - RTAR 1623: Oil Mist (Monroe Britt)
 - Completed, rejected, rewritten, and finally accepted.
 - Started working on a work statement, but did not have sufficient help from the committee as a whole.
 - Recommend to not go forward unless there is more help
 - Bob just talked to Jerry Douglass, formerly of Robovent, who is still interested, and intends on attending TC5.4 in the future.
 - Bob to contact.
 - Herman Schupp: a potential from Camfil, but based in Europe. Tim will contact.
 - Not in danger of being dropped, so this should still be pursued if there is sufficient interest.
 - Research Liaison should be a good asset to review and help
 - Need new Research subcommittee chair
 - Jason Guelda nominated
 - Vote: 5,0,0,0,0
 - Standards (Gerhard Knutson not present)
 - SPC199 completed draft Sunday in Chicago, sent to SPC199 Chair for further submission needs.
 - Handbook (Bob Burkhead)
 - ASHRAE Handbook is getting modernized, have room to improve
 - Chapter 30 to rewrite
 - Deadline is July, but asked to send in April 25th.
 - Bob will send to all members of TC.
 - Dated engineering drawings
 - Could be updated
 - SPC 199 could be included
 - ASHRAE already updated numbers (shown in red and green)
 - Videos could be an option, as many companies already have them.
 - Program (KJ Choi) [see attached report below]
 - Select correct track number, contact with the track chair
 - Options
 - Workshop: 2 short presentations (~15 min each)
 - Forum: informal discussion, less chance to be accepted (Seattle only 1)
 - Seminar: submit a paper
 - Mist Elimination (workshop)
 - Bob will be the chair
 - Atlanta, track 6 (IAQ)
 - Jerry Douglass, Schupp (Camfil), Donaldson (Andy to look into)
 - SPC 199 (workshop)
 - Too early for Atlanta, potential for Orlando
 - Explosion Suppression (workshop)
 - Andy Untz will be chair
 - Atlanta, track 6 (IAQ)

- Andy to look into Donaldson participation
- **New business**
 - New Research Liaison: David John, will take over at Atlanta meeting.
 - Membership drive
 - Need more members from people that are in the industry that don't participate
 - Bob to see if he can recruit members.
- **Next Meeting**
 - June 29, 2015, Atlanta ASHRAE Convention
- **Adjourn**
 - Motion to adjourn by Geoff Crosby, seconded by Chris Fischer.
 - Meeting adjourned at 4PM.

Sign in sheet

NAME	COMPANY	E-MAIL
JACK CLEMENTS	CAMPIL	clements17@msn.com
Bruce McDonald	Consultant	brucefiltertestsstandards@live.com
Andrew Uhrz	Donaldson	Andrew.Uhrz@Donaldson.com
JASON GUEZDA	AAF	JGUEZDA@AAFINTL.COM
Adam Bumann	AAF	abumann@AAFINTL.COM
DANIEL VANGILDER	CAMPIL	daniel.vangilder@campil.com
Kyung-Ju Choi	CAS	kchoi228@gmail.com
DAVE SCHAAF	AET	DAVE.SCHAAF@FREUDENBERG-FILTER.COM
Geoff Crosby	LYDALL	GCROSBYC@LYDALL.COM
Don Bivens	RAC chair	bivco2@comcast.net
CHRIS FISCHER	DONALDSON	chris.fischer@donaldson.com
Christine Sun	Filtration Technologies Intl.	Christine.sun@filtratechintl.com
Bob BORKHEAD	BLUEHEAVEN TECH	bob@BLUEHEAVENTECH.COM
Ken Peet	TAC section Head	kepeet1@gmail.com
MORRIS BRITT	GREEN LEAF	MORRIS BRITT@BELLSouth.NET
Bruce Duffy	TriDim Filter Corp	bduffy@tridim.com

TC 5.4 Programs (tentative)

ASHRAE MEETING Agenda – Chicago

TC 5.4 Program

Monday, 26-January-2015, 2:15-4:00pm

Palmer House Dearborn (7)

Atlanta, June 27-July 1, 2015 www.ashrae.org/atlanta

Orlando, Jan 23 – 27, 2016, St. Louis. June 25-29, 2016, Las Vegas, Jan 28-Feb 1, 2017, Long Beach, June 24-28, 2017

Dates:

Atlanta Meeting – Seminar/forum/workshop by Feb. 9, 2015

Orlando Meeting – Conference Paper Abstracts due March 23, 2015, Technical Papers due by April 20, 2015

For Chicago Meeting: Paper: 49/56, Seminar: 64/117, Forum: 5/11 for Workshops: 8/18

Speakers rating below 3.5 will receive letters indicating that if they receive two additional low rating they will be required to provide proof that they have received speaker training before they will be permitted to speak again. Seattle: 26 speakers had below 3.5/5.0

Type	Title	CoSponsor	Chair	When	Due Date
Workshop	Industrial Pulse Clean Filtration – Birth of New Standard 199		Gerhard Knutson		
Workshop	Impact of Mist Elimination on Industrial Air Cleaning		Bob Burkhead		
Seminar	Industrial Pulse Cleanable Filter Media Performance				

Minutes submitted by: Chris Fischer, January 26, 2015

Minutes approved on: June 29, 2015