

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

Meeting Minutes

Jun 26, 2016 2:15PM to 4:15PM, Room 265 (2), St Louis Convention Center, St Louis MO
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 (VM)	Camfil	Adam Bumann	AAF
Bob Burkhead (VM)	Blue Heaven Technologies	Jack Clements	Camfil
Chris Fischer (VM)	Donaldson	Andy Untz	Donaldson
KJ Choi	C&S	Ken Peet	TAC Section Head
Geoff Crosby (VM)	Lydall	Jiayi Fang	Washington University
Kevin Marple	Benzair	Andrey Livcheck	Halton
Alex Wells	Camfil	Chris Lowell	Air Scrubbers
Christine Sun	FTI	Connie Burkhead	Blue Heaven Technologies
		David John	RAC Liaison

- **Call To Order**
 - Meeting called to order at 2:17PM by Tim Hudson, chair.
- **Membership Roster**
 - Voting Members Present (4 of 6, quorum): Tim Hudson, Geoff Crosby, Chris Fischer, Bob Burkhead
 - Member list needs to be updated
 - Asked to get more or new members, and increasing voting members
 - Tim Hudson to update roster
 - Bruce, KJ and Kevin will come on as a voting members
 - Adam Bumann should be listed as webmaster after this meeting
- **Approval of minutes from last meeting**
 - Minutes reviewed from Atlanta June 2015 meeting
 - Chris Fischer motioned to approve, Geoff Crosby seconded.
 - Vote passed (4,0,0,2,6)
 - Minutes Reviewed from January 25, 2015 meeting
 - Chris Fischer motion to approve, Geoff Crosby seconded
 - Vote passed (3,0,1,2,6)
- **Section 5 Report: Kenneth Peet**
 - Need activity form by Tuesday June 28, 2016

- Presentation within the TC, due by Aug 8, same rules as a seminar
 - Kevin Marple: Two industrial tracks, very good opportunity
 - Track 4: Commercial & Industrial IAQ
 - Track 7: Energy Efficient Industrial Buildings
 - Can also occur within TC5.4 meeting time
- Ask each committee if they want to continue for 2016/17
- Potential to use Google BaseCamp
 - Program to help interact and share files
- **Sub-Committee Reports**
 - Research (Jason Guelda (no longer active))
 - Need a new chair
 - Kevin Marple nominated
 - Chris Fischer motioned to approve Kevin as Research Sub-Committee chair, Bob Burkhead seconded
 - Vote passed (4,0,0,2,6)
 - RTAR 1623: Oil Mist
 - Kevin Marple and Tim Hudson will follow up.
 - Tim Hudson: Tibor Lennor and Ralf Heist of Camfil Handte not
 - RP1284
 - Final paperwork needs to be submitted to Donna Daniels
 - Other research subjects?
 - Gas vapor removal
 - Liaison to TC2.3
 - Kathleen Owen TC2.3 research chair
 - Kevin Marple will contact
 - David Johns (RAC Liaison)
 - Easier work statement format
 - Let him review prior to submission
 - Standards (Chris Fischer, in lieu of Gerhard Knutson's absence)
 - SPC 199 has now been published
 - Discussion of test modifications can be handled as part of the SPC for the next year.
 - Handbook (Bob Burkhead)
 - Focus for next few years as incoming TC chair
 - Illustrations need to be updated
 - Meet as a subcommittee before next meeting
 - Bruce, Jack, Monroe, Tim, & Andy
 - Bob will contact Ed Dusch as well
 - June 2019 is deadline for 2020 republishing
 - Program (KJ Choi) [see attached report below]
 - St Louis
 - No seminar on explosion suppression
 - Las Vegas
 - Track 4 (*Commercial and Industrial IAQ*) Chair: Kevin Marple chair
 - Geoff Crosby to chair

- Bob Burkhead & Bruce McDonald will be speakers
 - Title (In Dust We Trust?), program level (intermediate), length (60min), abstract (100 words or less), learning objective & 10 test questions
 - Due by Aug 8th
 - Andy will check on Explosion Suppression speakers
 - Mist
 - Not ready for a workshop until further along on RTAR
 - Other ideas
 - Steel dust
 - Perhaps driven by carcinogenic reference on MSDS sheets
 - Exposure (Welding (hexavalent chromium)/Silica)
 - Recent legislative changes may not be known to larger ASHRAE community
- **Website** (<http://tc0504.ashraetcs.org/>) (Adam Bumann)
 - Minutes need to be updated
 - Need to get login information
- **Old Business**
 - None
- **New Business**
 - Tim to roll off as chair, Bob to assume chair position
- **Next Meeting**
 - January 30, 2017, Las Vegas ASHRAE Convention
- **Adjourn**
 - Motion to adjourn by Chris Fischer, seconded by Bob Burkhead.
 - Meeting adjourned at 3:55PM.

Sign in sheet

NAME	COMPANY NAME	EMAIL
JACK CLEMENTS	CAMFIL APC	
Alex Wells	CAMFIL APC	
Andrew Untz	DCI	
Bruce McDonald		
CHRIS FISCHER	DONALDSON	
Geoff Crosby	LYDALL	
Adam Bumann	AAF	
KEVIN MARPLE	BENZAIR	
Jiayi Fang	Washington University	
Kyung-Ju Choi	C&S	
Bob BURKHEAD	BHT	
TIM HUDSON	CAMFIL APC	
Andrey Livchak	Halton	
CHRIS Lowell	AIR SCROBBERS	
Ken Peet	Section 5 Head	
Christine Sun	FTI	
David John	Stan Waverly Co	

Action Item List

Who	Due Date	Item
Kevin Marple	1/27/2017	Check w/ASHRAE on status of RTAR 1623
Bob Burkhead	10/1/2016	Schedule Handbook Subcommittee meeting
Kevin Marple	1/27/2017	Contact Kathleen Owen (TC2.3) for vapor removal
Geoff Crosby	8/8/2016	Submit items for Jan workshop on SPC199
Andy Untz	8/8/2016	Submit items for Jan workshop on Explosion Suppression
KJ Choi	1/27/2017	Contact Wilson Poone regarding seminar options
Adam Bumman	7/31/2016	Get log in information
Bob Burkhead	11/1/2017	Finalize RP1284

TC 5.4 Programs (tentative)

Type	Title	Chair	When	Due Date
Workshop	In Dust We Trust	Geoff Crosby	Las Vegas	8/8/2016
Workshop	Explosion Suppression	Andy Untz	Las Vegas	8/8/2016

Minutes submitted by: Chris Fischer, June 27, 2016

Minutes approved on: January 30, 2017

