

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

Meeting Minutes

Jan 25, 2016 2:15PM to 4:15PM, Clermont Room, Orlando Hilton, Orlando FL

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
Bob Burkhead (VM)	Blue Heaven Technologies	Chris Lowell	
Chris Fischer (VM)	Donaldson	Adam Bumann	AAF
KJ Choi	C&S	Jack Clements	Consultant
Jason Guelda	AAF	Josh Marasco	
Geoff Crosby (VM)	Lydall	Kartik Potukuchi	
Jason Guelda	AAF	Andy Untz	Donaldson
Monroe Britt (VM)	Greenleaf Technologies	Anja Coeren	Freudenburg
Awad Khan	Freudenburg	GE Menzies	
Ken Peet	TAC Section Head	David John	Section 5 RAC Liaison
Kyle Kisebach	Kisebach Engineering		

- **Call To Order**
 - Meeting called to order at 2:15PM by Bob Burkhead, Vice-Chair (in lieu of Tim Hudson's absence)
- **Membership Roster**
 - Voting Members Present (4 of 6, quorum): Geoff Crosby, Chris Fischer, Monroe Britt, Bob Burkhead
 - Member list needs to be updated
 - Tim Hudson to update roster
 - Adam Bumann needs to be listed as webmaster
- **Approval of minutes from last meeting**

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

 - Minutes Reviewed from June 29, 2015 meeting
 - Minutes not sent prior to meeting for review
 - Minutes will be sent after meeting and approved by letter ballot
- **Section 5 Report: Kenneth Peet**
 - Website out of date
 - Suggest using new ASHAE forum
 - Programs and Roster will automatically update

Minutes submitted by: Chris Fischer, January 25, 2016

Minutes approved on: June 27, 2016

- Easy to use, training docs available
 - Mobile-friendly
 - <http://tc0504.ashraetcs.org/>
 - Need activity form and roster updated by Tuesday January 26, 2016
- **Sub-Committee Reports**
 - Research (Jason Guelda)
 - RTAR 1623: Oil Mist (Monroe Britt)
 - Bob reached out to Jerry Douglas – too busy
 - Jason reached out to Tim Hudson regarding options from June. No news yet
 - Tibor Lennor and Ralf Heist of Camfil Handte
 - Ultimate objective of RTAR would be a method of test
 - Bob interested in working on it, with Kartik Potukuchi assisting
 - No other research subjects noted.
 - RAC liaison: David John
 - Shortened form RTAR is an option.
 - Bob to send Work Statement to David John
 - Standards (Chris Fischer, in lieu of Gerhard Knutson’s absence)
 - SPC 199 draft sent out for 45-day public review
 - No comments were received
 - Published standard is expected late February or early March
 - Motion by Chris Fischer: *Continue current committee and its existing committee membership as a standing standards project committee*
 - Bob seconded
 - Bob explained the difference between the two committee types
 - Vote passed (4,0,0,0,2)
 - Tim indicated desire to have a webmeeting regarding increased flow and dust loading
 - Handbook (Bob Burkhead)
 - 2016 Systems and Equipment volume published
 - No changes made
 - Republish again in 2020
 - Try to meet as a subcommittee at next meeting
 - Bruce, Jack, Monroe, Tim, Andy & Jason
 - Program (KJ Choi) [see attached report below]
 - St Louis
 - Seminar and forum workshop deadline Feb 8, 2016
 - “Explosion Suppression” workshop, Andy Untz
 - Las Vegas
 - Track 4 (*Commercial and Industrial IAQ*) Chair: Kevin Marple
 - “Impact of Mist Elimination on Industrial Air Cleaning” workshop, Bob Burkhead
 - Other ideas?
 - Desire to heighten the awareness of TC5.4 within the general ASHRAE community

- Steel dust issue discussed as a potential topic focusing on industrial processes
 - Bob to develop title for seminar
 - SPC199
 - Perhaps wait until standard has been published for a year
- **Website** (<http://tc0504.ashraetcs.org/>)
 - Adam Bumann nominated at last meeting to be webmaster
 - Needs to be made
 - Action items: update roster and add minutes
- **Old Business**
 - None
- **New Business**
 - Kyle Kisebach
 - Is there any overlap with TC2.3 regarding RTARs?
 - Bob: Should there be a gas-phase version of SPC199?
- **Next Meeting**
 - June 27, 2016, St Louis ASHRAE Convention
- **Adjourn**
 - Motion to adjourn by Geoff Crosby, seconded by Chris Fischer.
 - Meeting adjourned at 3:53PM.

Sign in sheet

ASHRAE TC 5.4
Industrial Process Air Cleaning
Monday 2:15PM - 4:15PM EST, January 25, 2016
Room Clermont (L), Orlando Hilton, Orlando FL

Attendance Sheet

Printed Name	Signature	VM/N-VM/Etc
Mr Tim A Hudson		Chair
Mr Robert B Burkhead	<i>Bob Burkhead</i>	Vice Chair
Mr Chris Fischer	<i>Chris Fischer</i>	Secretary
Kyung-Ju Choi, PhD		Program Subcommittee Chair
Mr Jason Guelda		Research Subcommittee Chair
Dr Gerhard W Knutson, PhD		Standards Subcommittee Chair
Mr Jonathan S Bossert		Webmaster
Mr Monroe A Britt	<i>Monroe A. Britt</i>	Member
Mr Geoffrey Crosby		Member
Mr Thomas B Axley, Jr		Corresponding Member
Mr Timothy Adam Bumann	<i>Tim Bumann</i>	Corresponding Member
Mr Randy Casteel		Corresponding Member
Mr Jack T Clements		Corresponding Member
Mr Johnnie H Copley	<i>Johnnie H Copley</i>	Corresponding Member
Mr Bruce Duffy		Corresponding Member
Mr Edward A Dusch		Corresponding Member
Dr David S Ensor		Corresponding Member
Mr Jon K Fretthold		Corresponding Member
Mr Norman Grusnick, PE		Corresponding Member
Mr James T Hanley		Corresponding Member
Eric Hanson		Corresponding Member
Mr Steven T Hensley		Corresponding Member
Mr K C Hsieh		Corresponding Member
Mr Charles F Kern		Corresponding Member
Mr Erik Kuiper		Corresponding Member
Mr Kevin L Marple		Corresponding Member
Mr Bruce N. McDonald		Corresponding Member
Mr Lee P Morgan		Corresponding Member
Dr Charles G Noll		Corresponding Member
Mr Leonard J O'Dell		Corresponding Member
Dr Ina Parker, PhD		Corresponding Member
Mr Paul L Pieper, Eng, PE		Corresponding Member
Mr Steven L Rosen		Corresponding Member
Mr David A Schaaf, Jr		Corresponding Member
Mrs Saunders C Smith		Corresponding Member
Mr Joseph E Topmiller		Corresponding Member
Mr Ron C Troxell		Corresponding Member
Mr Andrew J Untz	<i>Andy Untz</i>	Corresponding Member
Mr Daniel Alan Vangilder		Corresponding Member
Dr Douglas W. VanOsdell		Corresponding Member
Mr Philip J Winters, PE		Corresponding Member
Mr Kenneth C Peet		Section Head
Chris Lonzell	<i>Chris Lonzell</i>	2nd Meeting
Josh Menzies	<i>Josh Menzies</i>	1st Meeting
ma.erenca		11
ARTIK POTUKUCHI	<i>Artik Potukuchi</i>	1st Meeting
Awad Khan	<i>Awad Khan</i>	1st Meeting
LE KISBACH, PE	<i>Le Kisbach</i>	1st Meeting from TC 5.3
E MENZIES P.Eng	<i>E Menzies</i>	Corr. Member

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TC 5.4 Programs (tentative)

Type	Title	CoSponsor	Chair	When	Due Dat
Workshop	Explosion Suppression		Andy Untz	St. Louis	Feb. 8
Workshop	Impact of Mist Elimination on Industrial Air Cleaning		Bob Burkhead	Las Vegas	
Forum	Do you know SPC 199P (?)		Chris Fischer	Long Beach	
Seminar	Health Issues related to Industrial Cleaning (?)			Long Beach	

Minutes submitted by: Chris Fischer, January 25, 2016
 Minutes approved on: June 27, 2016