

ASHRAE MEETING MINUTES – CHICAGO

TC 2.3 - Gaseous Contaminants/Removal Equipment

Handbook Sub-Committee Meeting

Monday, January 26, 2015

4:15-6:00 p.m.

Palmer House Hilton, Seventh Floor, Sandburg 3

The meeting was chaired by Gemma Kerr. Participants introduced themselves. Present were:

Name	Affiliation
Gemma Kerr (Chair)	Retired
Charlene Bayer	Hygieia Sciences
Anja Coenen	Freudenberg
Brian Krafthefer	BCK Consulting
Chang-Seo Lee	Concordia University
Paula Levasseur	Cameron Great Lakes
Bill Lull	Garrison Lull Inc.
Ashish Mathur	UVDI
Ramesh Paranjpey	ASHRAE LIAISON
David Schaaf	Freudenberg
Brad Stanley	AAF

Liaison Ramesh Paranjpey reminded the meeting that Chapter 11 will need to be voted on at the 2016 Summer Meeting, and asked us to keep him in the loop with our editing.

Chapter 46 was submitted to ASHRAE last year, but we will need to produce an IP units version of the example that was put together by Brian Krafthefer. Gemma and Brian will work on this.

Changes discussed at the last meeting and implemented in the new draft (Draft 2) were reviewed briefly. It was decided to further change the title of the non-industrial contaminants section to include “institutional”. Action items were identified as follows:

- 1) Everyone was asked to review Brian’s changes to the sections on radioactive contaminants and radon, and to send their comments to Gemma by the end of March;
- 2) Everyone was asked to review the 46 old references found by Brian and to suggest replacements in their area of expertise. Please send new reference details to Gemma by the end of March;
- 3) Everyone was asked to review the section on commercial, institutional and residential contaminants, which is old and needs significant change. Please send comments and ideas to Gemma by the end of March.

Kathleen Owen does not have a soft copy of Table 3. Brian Krafthefer and Brad Stanley offered to try to find a soft copy and new ultrafine materials for the Figure.

Regarding revised Table 6, it was decided to keep the new volatility designations (VOC etc.), but noted that there is overlap between the VVOC and gas designations. Charlene agreed to assign VVOC labels where possible (done). Chang-Seo agreed to check that all of the Standard 145 contaminants are listed in the Table.

Re combining Tables 6 and 10, Brian will prepare a draft combination of the two, and Gemma will distribute it for comment.

Chang-Seo noted that the chapter does not contain a section on harmful effects of particulates (especially PM_{2.5}, nanoparticles and biological material) to complement the section on gaseous contaminants. Chang-Seo and Charlene will send information and references to Gemma for a new paragraph on this topic.

The section on bio-aerosol sampling needs to be updated to include PCR etc. Ashish and Charlene will review and provide new material.

It was suggested that we should include more material on mercury. Ashish will look into this and report back to the committee.

It was suggested that we add information on chip manufacturing contaminants to the section on industrial contaminants.

A telecom was proposed for early March, but probably should take place in early May instead.

The meeting was adjourned at 5:55 pm.