



ETN
Global

AIR FILTRATION CORE WORKING GROUP

Minutes of the meeting

4 September 2023, via Teams

Participants	
Present	
Luke Thompson	AAF International
Daniel Iggander	Camfil
Olaf Brekke	Equinor
Jitka Spolcova	ETN
Rene Vijgen	ETN
Arcangelis Gianluca	Faist
Steve Hiner	Parker Hannifin
Martin Östemar	Siemens Energy
Dominique Orhon	TotalEnergies
Apologies:	
Wim Van Gelder	Donaldson

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1. Opening

Jitka Spolcova (ETN) opens the meeting.

She conveys the message to the meeting participants from Wim Van Gelder (Donaldson): due to the change of his function, he will most likely be replaced by another person in this group. He expresses his apologies for recent limited contributions.

2. Update on the ISO standard process

Daniel Iggander (Camfil) gives the update on the ISO standard process in the light of the upcoming ISO meeting in Seoul on 21 September 2023. Reference is made to the following documents:

- [Agenda WG9 meeting in Seoul](#)
- [Comments to discuss by WG9 in Seoul](#)
- [WG9 report for the 19th plenary meeting](#)

Daniel and the WG9 Convenor Ulf Johansson (also Camfil) are authors of the “Actions/Decisions” in the list of comments. Daniel draws the meeting participants’ attention to the following points:

- The meeting time in Korea will be rather limited; due to this fact, not all the points can be discussed.
- However, this CD’s comments are perceived as “light”, majority of them coming from ETN AF WG, and no surprises are expected during this meeting.
- Technical comments must be addressed/implemented well before the DIS (Draft Intl. Standard) registration on 3 December 2023.
- Daniel will implement most editorial comments this week.
- Daniel will share any outcome available after the meeting in Seoul. [AP1]
- Next ETN AFWG meeting will be held during the week of 2 October to address any outstanding issues. Jitka will send a Doodle to organise it. [AP2]
- Daniel points out that one of the topics that the AFWG group will need to discuss during this upcoming meeting is the ramp-up/ramp-down time
- Dominique Orhon (TotalEnergies) experienced IT-related issues with his connections and therefore discussed offline with Daniel the balance of salt issue. The outcome of their discussion (as provided by Dominique) is below:

“Following our meeting yesterday, we had a discussion with Daniel on the salt balance topic:

- *Some salt stays in the filter element and is weighed after test.*
- *Some salt pass through the filter element and is detected by the flame photometer.*
- *Some salt is rinsed and goes to drains.*
- *The salt introduced in the system is well defined and known.*

A large portion of salt may go to drains due to the different water challenges. Some filter may show a higher rinsing capability because the salt does not enter in a deeply into the filter media.

According to Daniel, there is no way to introduce a bias in the filter testing procedure because salt quantities and water quantities are well known. Quantities are also equal for any test bench as we follow the procedure. The spray shape would not introduce a bias neither.

I talked to Daniel by saying that we may consider a filter element rinsing capability (i.e rinsing efficiency = salt to drains / salt introduced in the system) of the filter element with this procedure. I guess that the rinsing capability might have a beneficial consequence on the delta pressure spike amplitudes and therefore on the durability of the filter element.

We agree on to address this topic (salt balance and its consequences) at the next ETN AFWG meeting.

Let see if it makes sense and provides additional value with the AFWG discussion.”

3. Actions list

#	Actions	Resp.	Deadline
1	See above in the text		
2			
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10			