

TNI Stationary Source Audit Sample Expert Committee Teleconference
November 13, 2012, 2:00 PM, EDT

Attendance:

Maria Friedman – Chair TestAmerica (Laboratory)	Committee member	Present
Mike Hayes Linde (Provider)	Committee member	Absent
Michael Klein New Jersey DEP (State government)	Committee member	Absent
Theresa Lowe CCI Environmental	Committee member	Present
Paul Meeter Weston Solutions (Stationary Source Tester)	Committee member	Absent
Gregg O’Neal, North Carolina DAQ (State government)	Committee member	Present
Michael Schapira Enthalpy (Laboratory)	Committee member	Present
Jim Serne TRC Solutions (Stationary Source Tester)	Committee member	Present
Richard Swartz, Vice-chair Missouri DNR (State government)	Committee member	Present
Stanley Tong EPA Region 9 (Federal government)	Committee member	Present
Ken Jackson TNI (Program Administrator)	Program Administrator	Absent
Ty Garber Wibby (Provider)	Associate member	Absent
Shawn Kassner ERA (Provider)	Associate member	Absent
Mike Miller (Member at large)	Associate member	Absent
Wayne Stollings (Triangle Env. Services)	Guest	Present
William Daystrom TNI (Webmaster)	Guest	Present
Charles Simon (VOC Reporting)	Guest	Present
Geneva Bowman (ACLASS)	Guest	Present

- 1) Double-check receipt of documents to be referenced in this teleconference

All present confirmed receipt of the documents e-mailed November 12 & 13, 2012.

2) Review and approve minutes from teleconference on October 3, 2012

Stan comments that the minutes indicate OECA as “his office.” This should be corrected as OECA is not the office he works in. Maria notes that the September 18, 2012, minutes were voted on and passed. Richard Swartz & Jim Serne voted affirmative via e-mail; Mike Hayes abstained via e-mail. Jim Serne moves to accept the minutes as amended. Theresa Lowe seconds the motion. Motion carries with Richard Swartz abstaining.

3) Review and approve minutes from teleconference on October 22, 2012

Maria notes that Michael Klein votes to approve the minutes even though he is absent. Richard Swartz moves to accept the minutes as-is, Gregg seconds the motion. Theresa Lowe, Stan Tong, and Mike Schapira abstain due to their absence from the meeting. Maria Friedman and Jim Serne vote to approve. We will ask Mike Hayes and Paul Meeter to vote via e-mail. Motion does not carry as there are only 4 affirmative votes.

4) Chair Update

Geneva indicates they have not received any new applications from prospective providers, although they have a prospect they are working with. Also, the ACLASS newsletter indicates that ACLASS is an approved SSAS provider accreditor.

5) Review M25 Subcommittee recommendations

Category #3, item 2, section 8.5.6 – Per previous minutes this section should indicate that readings will be taken every five minutes *for at least one hour*. Charles Simon is making that change to the section.

Category #1 – These issues were referred to the SSAS table subcommittee for their recommendation. Charles asked for an update. None of the subcommittee members present on the call had an update available.

Category #3, item 4, section 8.1.7 – Charles and Wayne Stollings re-worded this section. Charles reminded us that when clean air is pushed through the system the clean air goes through the systems catalyst and any organic material gets burned up to CO₂, that’s why the CO₂ concentration is used as the specification for cleanliness.

Maria indicates this was re-written to be more specific about when the cleaning is supposed to happen – the re-write indicates it is to be cleaned before its initial use and after each three run test series. Charles indicates this is what’s typically done. The cleaning procedure is consistent with all the guidance documents that he’s aware of.

Stan asked about the instances where there might be a fourth run at a source, for instance if one run had to be thrown out. Charles indicates the intent is for the system to be cleaned between sources, not necessarily after every three runs. Charles recommended removing the phrase “3-run” from the section. The requirement would then be to clean the system after a test series at a source location. Mike Schapira moved to approve the language as amended. Stan Tong seconded the motion. Voice voting: Richard – yes, Jim Serne – yes, Gregg – yes, Theresa – yes, Maria – yes.

As a sidebar discussion Charles indicates the goal with the research that he and Wayne have been conducting is to fix the problems with the promulgated Method 25 text. The EPA folks that he’s spoken with have indicated that producing an alternate test method, with supporting documentation, would be the best approach. They are calling it Method 25Z to distinguish it for now.

Category #3, item 6, section 8.1.3 – Maria indicates this section was changed as requested by the committee. This change also affects section 8.1.4 which was previously approved. (Maria had to leave at this point) The requested changes to this section are: using 2 traps in a high moisture sample, and; requiring the trap to be submerged in ice for ten minutes instead of thirty minutes prior to sampling.

Regarding the reduction in time the traps must be submerged in ice, Charles indicates equilibration actually happens in about three minutes; 30 minutes is not necessary and only wastes time. Ten minutes is a very conservative amount of time to allow the traps to get to the appropriate temperature for sampling to begin. The tank temperature is measured with a thermocouple. Also, to measure the tank absolute pressure you can use an absolute pressure gauge to measure directly, or a mercury manometer and a barometer to calculate the absolute pressure.

There is some discussion as to adding language explaining why ten minutes is appropriate. It was agreed that adding extra language is not necessary as all that’s required in the document is the ten minute requirement. If someone wants to research background documentation regarding the reasoning for ten minutes they are free to do so.

Jim Serne moves to accept 8.1.3 as written, Gregg seconds the motion. Voice vote: Theresa – yes, Mike S. – yes, Stan – yes, Richard – yes. Note: Seven votes are needed for the motion to carry, we only have six.

Category #3, item 6, section 8.1.4 – This section had already been approved, however, it was modified to include language regarding the allowance for two traps in series for high moisture sources. After a short discussion Mike S moves to accept the change, Theresa seconds the motion. Voice vote: Jim – yes, Stan

– yes, Gregg – yes, Richard – yes. Note: Seven votes are needed for the motion to carry, we only have six.

Category #3, item 6, section 11.1.2.3 – Stan asked if the traps are marked, Charles indicates they are uniquely identified. Charles further indicates that if the traps are inadvertently switched in the field the folks in the laboratory can determine this. This is a rare occurrence. After some discussion Jim Serne moves to accept the amended language, Mike seconds the motion. Voice vote; Theresa – yes, Stan – yes, Gregg – yes, Richard – yes. Note: Seven votes are needed for the motion to carry, we only have six.

Category #3, item 8, section 11.2.2 – This is a discussion of analysis of recovered condensate sample on gas chromatograph.

Charles and Wayne added the requirement to record any measured CO and CH₄ in the Intermediate Collection Vessel (ICV). Charles discussed the reasoning for this. CO & CH₄ can show up as a result of incomplete combustion. This results from VOC's that did not burn efficiently in the Sample Recovery System catalyst even though the analyst followed the method prescription for air and oxygen flow rates. In this case the analyst should have added more oxygen and gone slower, than prescribed by Method 25 for safe and efficient recovery. In these cases we're analyzing a sample that method 25 was not written to consider.

Jim Serne moves to accept the amended language, Mike S. seconds the motion. Voice vote: Gregg – yes, Stan – yes, Theresa – yes, Richard – yes. Note: Seven votes are needed for the motion to carry, we only have six.

Category #3, item 9, section 12.1 – This recommendation corrects an error in the nomenclature section of the method. With no discussion Theresa motions to approve the recommendation, Jim Serne seconds the motion. Voice vote: Gregg – yes, Mike – yes, Stan – yes, Richard – yes. Note: Seven votes are needed for the motion to carry, we only have six.

Discussion regarding Category #3, item 3, is postponed until the next meeting as we have run out of time. The meeting is adjourned. Next meeting will be December 10, 2012, 2:00 PM EDT.

Note: It was later determined that seven votes are required for a motion to pass. We only had six voting members present during the second half of the call so the motions voted on during that time did not carry. Votes will be solicited from the rest of the voting members via e-mail.

TNI Stationary Source Audit Sample Expert Committee Teleconference Agenda
for November 13, 2012:

- 1) Double-check receipt of documents to be referenced in this teleconference
- 2) Review and approve minutes from teleconferences on October 3, 2012 and October 22, 2012
- 3) Review M25 Subcommittee recommendations