

**SUMMARY OF THE
TNI ASBESTOS EXPERT COMMITTEE MEETING
January 15, 2020**

The Committee met by teleconference on Wednesday, January 15, 2020 at 1:00 PM EDT. Chair Myron Getman led the meeting.

Roll call

Mike Carpinona, NJDEP (AB)	Present
Zonetta English, Louisville Jefferson County (Lab)	Present
Myron Getman, Chair, NY State DOH (AB)	Present
Glen Green, Vice-Chair, Xcel Energy (Other)	Absent
Dixie Marlin, Marlin Quality Management(Other)	Absent
Michelle McGowan, EMSL Analytical (Lab)	Present
Dan Shelby, EMLab P&K (Lab)	Present
Carl Kircher, FLDOH, Associate Committee Member	Absent
Robert Wyeth, Program Administrator	Present

A quorum was present; the meeting/conference call commenced. The proposed agenda, approved by the committee is presented as Attachment 1.

Minutes from December 18, 2019 Conference Call

The minutes from the December 18, 2019 November were amended to show Dan as present and I were moved for approval by Mike and seconded by Zonetta. The motion was passed by a unanimous vote of the members. Minutes will be forwarded to William for posting.

Training Reminder

Myron reminded committee members of applicable training at the following website; <http://nelac-institute.org/eds/download/ChairTraining.php>

Officer Elections

Michelle McGowan accepted a role of committee chair; a motion to accept Michelle as the new chair was made by Mike and seconded by Dan. Michelle was unanimously approved as the new chair.

Mike Carpinona accepted a role of committee vice chair; a motion to accept Mike as the new vice chair was made by Dan and seconded by Michelle. Mike was unanimously approved as the new vice chair.

Old Business- Review of Section 7.2.2.2.e)

The changes proposed by Mike (Attachment 2) were discussed and debated. The consensus of opinion for section 7.2.2.2. was as follows:

e) The following QA sample analyses shall be performed:

- i. Replicate. A second, independent analysis shall be performed in accordance with Section 7.2.1.2.a);

- ii. Duplicate. A second wedge from a sample filter shall be prepared and analyzed in the same manner as the original preparation of that sample. Results shall be within 2.0x of Poisson standard deviation. This shall be performed at a frequency of one (1) per one hundred (100) samples; and
- iii. Verified Analyses. A second, independent analysis shall be performed on the same grids and grid openings in accordance with Section 7.2.1.2.c).

f) If more than one TEM is used for asbestos analysis, intermicroscope analyses shall be utilized to detect instrument bias.

It was further decided that clause f) above needs to be added to section 7.2.1.

These changes were passed unanimously by the committee following a motion by Dan and second by Michelle. Bob will make the necessary changes to the draft of Module 3 and prepare the VDS for balloting by the committee. Bob reminded committee that each person must vote the draft VDS as:

- Affirmative,
- Affirmative with comment, or
- Negative with comment.

The Balloting will be done by e-mail with a tally of each members vote recorded for documentation of approval.

New Business- Review PowerPoint presentation

The committee reviewed the draft PowerPoint prepared by Michelle and Myron. The PowerPoint is attached as Attachment 3.

The meeting adjourned at 2:00 PM ET on a motion by Mike and seconded by Michelle, all were in favor of adjournment.

The next meeting of the Asbestos Expert Committee is scheduled for Thursday, February 6, 2020 from 1:30 – 5:00 PM local time during the Newport Beach Forum on Environmental Accreditation. The next expert committee call is scheduled for Wednesday, March 18, 2020 at 1:00 PM ET.

ATTACHMENT 1

TNI Asbestos Testing Expert Committee (ATEC)

Conference Call

Committee Meeting

Wednesday, January 15, 2020; 1PM EST

Call in: 1-712-832-8330

Access code: 822 174

Myron Getman, Chair

Glen Green, Vice Chair

AGENDA

Roll call

Review and approve November Minutes

Review and approve Agenda

Training reminder

- <http://nelac-institute.org/eds/download/ChairTraining.php>

Officer Elections

- Chair – Michelle McGowan, EMSL
- Vice Chair – Mike Carpinona, NJDEP

Old Business

- Proposed changes to 7.2.2.2.e) - Mike

New Business

- Review of PowerPoint Presentation

Schedule next meeting – will meeting count?

ATTACHMENT 2

EL V1 M3

12.18.2019 version of Proposed VDS

Section 7.2.2.2.e)

Current language in the document:

- e) If more than one TEM is used for asbestos analysis, inter-microscope analyses shall be performed to detect instrument bias.
 - i. Replicate. A second, independent analysis shall be performed in accordance with Section 7.2.1.2.a)
 - ii. Duplicate. A second wedge from a sample filter shall be prepared and analyzed in the same manner as the original preparation of that sample. Results shall be within 2.0x of Poisson standard deviation. This shall be performed at a frequency of one (1) per one hundred (100) samples.
 - iii. Verified Analyses. A second, independent analysis shall be performed on the same grids and grid openings in accordance with Section 7.2.1.2.c)

Mikes proposed language for committee consideration **(this is the language you are asked to vote to accept or not):**

- e) The following QA sample analyses shall be performed:
 - i. Replicate. A second, independent analysis shall be performed in accordance with Section 7.2.1.2.a);
 - ii. Duplicate. A second wedge from a sample filter shall be prepared and analyzed in the same manner as the original preparation of that sample. Results shall be within 2.0x of Poisson standard deviation. This shall be performed at a frequency of one (1) per one hundred (100) samples; and
 - iii. Verified Analyses. A second, independent analysis shall be performed on the same grids and grid openings in accordance with Section 7.2.1.2.c).
- f) **If more than one TEM is used for asbestos analysis, intermicroscope analyses shall be utilized to detect instrument bias.**

Mike's additional comments:

The highlighted portion f) is what we currently have in e) right now, but this is not from the AHERA method from what I can see. The QA sample frequencies come from Table III in Appendix A to Subpart E of 40 CFR 763, but f) seems to have been pulled directly from the NIST Handbook, Volume 150 and is addressed in 6.20 of the 150-13 checklist. There it reads, "Interlaboratory analyses shall be performed to detect laboratory bias. If more than one AEM is used for asbestos analysis, intermicroscope analysis shall be performed to detect instrument bias. The precision of analyses of samples shall be determined by repeat preparation and analysis of the same filter by the same and different analysts." I do not see much clarification on frequency anywhere...

TNI Asbestos Testing Expert Committee ATEC

- Myron Getman, Chair
- Glen Green, Vice Chair
- Robert Wyeth, Program Administrator

1

TNI Asbestos Expert Committee

- ▶ Myron Getman, NY State DOH
- ▶ Glen Green, Exel Energy
- ▶ Robert Wyeth, Program Administrator
- ▶ Mike Carpinona- NJDEP
- ▶ Zonetta English, Louisville Jefferson County
- ▶ Dixie Marlin, Marlin Quality Management
- ▶ Michelle McGowan- EMSL Analytical
- ▶ Dan Shelby, EMLab P&K
- ▶ Carl Kircher, FLDOH

2

Volume 1, Module 3- Quality Systems for Asbestos Testing

- ▶ TNI Standard Volume 1, Module 3- Quality Systems for Asbestos Testing has been reviewed, revised and is now available in draft form for review.

3

Volume 1, Module 3- Quality Systems for Asbestos Testing

- ▶ Restructuring of the Quality Systems for Asbestos Testing was conducted in 2019.
- ▶ Review of policies to methods
 - ▶ Implementing changes from PCM NIOSH 7400

4

Volume 1, Module 3- Quality Systems for Asbestos Testing

- ▶ Restructuring of the Quality Systems for Asbestos Testing was conducted in 2019.
 - ▶ Module 3 was regrouped by technology. Sections for Transmission Electron Microscopy (TEM), Phase Contrast Microscopy (PCM) and Polarized Light Microscopy (PLM) are now grouped help locate policies.

5

Volume 1, Module 3- Quality Systems for Asbestos Testing

- ▶ Review of policies to methods-
 - ▶ Each section standard was reviewed for compliance and accuracy to methods.
 - ▶ Wording for each section was checked to ensure clarity.

6

Volume 1, Module 3- Quality Systems for Asbestos Testing

- ▶ Asbestos Standards
 - ▶ NIST Standards are included in every method and standard, however many NIST asbestos standards are no longer produced. Language was changed throughout the document to allow for a NIST equivalent standard.

7

Volume 1, Module 3- Quality Systems for Asbestos Testing

- ▶ Review of policies to methods-
 - ▶ June 14, 2019 NMAM released Issue 3 of the NIOSH Method 7400 Asbestos and Other fibers by PCM.
 - ▶ The required changes made to this method have been incorporated in the standard

8