

**SUMMARY OF THE
TNI ASBESTOS EXPERT COMMITTEE MEETING**

SEPTEMBER 19, 2018

The Committee met by teleconference on Wednesday, September 19, 2018, at 1:00 pm EDT. Chair Myron Getman led the meeting.

1 – Roll call

Mike Carpinona, NJDEP (AB)	Absent
Zonetta English, Louisville Jefferson County (Lab)	Absent
Myron Getman, Chair, NY State DOH (AB)	Present
Glen Green, Vice-Chair, Xcel Energy (Other)	Present
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
Ken Jackson, Program Administrator	Present

2 – Review and Approval of Previous Minutes

It was moved by Glen and seconded by Dan to approve the minutes of August 15, 2018. All were in favor.

3 – Agenda

It was moved by Glen and seconded by Michelle to approve the agenda. All were in favor.

4 – Training Reminder

Myron reminded the newer members of the committee they should complete the Committee Member training on the TNI website.

5 – Old Business

7.2.1.1 b), c), e) iv, f) – control charts

Pursuant to the discussion on the previous month's call, Myron had checked all methods, and had found no specific requirement for control charts to be used. However, they are mentioned in the NIST 150 Handbook and NVLAP requires them. Myron questioned if the TNI standard should be compatible with NVLAP, and he suggested the phrase "calibration data shall show trends over time" would allow TNI and NVLAP to be compatible by not specifically mentioning control charts. Since Zonetta had raised this issue, it was agreed to table it until she was on the call.

7.2.1.1 e) ii & iii – missing NIST SRMs

As discussed on the previous month's call, Myron had spoken with Paul Junio and had looked for availability of SRMs on the NIST website. He found NIST has pretty much nothing available. Paul

Junio suggested dropping the reference, but that would not be an option for asbestos, since the material has to be in the laboratory. Affected areas are TEM and PLM. Myron said the methods (e.g., EPA 600) do not mention NIST SRMs. The UICC standards may be an option, but they are limited in asbestos types, have no accompanying traceability data, and they are intended for industrial manufacturing use. Also, they are powders, so unlike fibers they have no aspect ratios. NIST 2063 (TEM) has NIST 2066 as a proxy, but that may not be suitable because it is micro-glass beads (not prepared on a grid). Myron suggested an option might be to reference the NIST SRMs, and add “or equivalent”, and others agreed. Myron wondered if it should also be stated “including certificates of traceability”. Dan said alternatively it could state “or similar traceable standard”. Myron suggested tabling this item until he could check with RTI if UICC offers certificates of traceability.

6 – New Business

Review of Volume 1, Module 3 initial draft (V1M3_draft_0618)

This was continued from the last call.

Section 7.2.1.1 g). Michelle questioned the sentence that had been carried over from the old standard: “The variation in the calibration measurements (two times the standard deviation, 2s) shall be <5% of the mean calibration value.” Myron could not find it in 40CFR, but it is in the NIST checklist in the handbook. On his suggestion it was agreed to leave it in to avoid making things more difficult for laboratories that are both TNI and NVLAP.

Section 7.2.1.2

In subsection c), Michelle was concerned that blanks were not mentioned again after the opening paragraph. On discussion it was agreed to leave the section as written for the time being.

Section 7.2.1.3

This section would remain unchanged.

Section 7.2.1.4

In subsection a) it had previously been agreed to add another sentence to include Method 100.1 that calculates structures differently from method 100.2. Therefore, the following was added to the end of the sentence: “... or Method 100.1, Section 7.”

Section 7.2.2.1

In the penultimate sentence, “logbook” was changed to “log” to accommodate electronic reporting.

Section 7.2.2.2

Michelle pointed out that Section 7.2.1.2 said “The total number of QA samples and blanks shall be greater than or equal to 10% of the total sample workload.” She said that language should be also

added here. On discussion it was agreed to add, before subsection a), a separate paragraph with the second and third sentences from the introductory paragraph of Section 7.2.1.2

In subsection b), reference to 1.7.3.1.1 c) was corrected to read 7.2.1.2 c)

In subsection c) the wording "... in length in known standard materials traceable to NIST, such as NIST bulk asbestos SRM 1866." was changed to "... in length in known traceable standard materials such as NIST bulk asbestos SRM 1866."

Michelle point that NVLAP requires 0.5 μm fibers in length, and not 1 μm as written in this standard, but it was decided to leave the wording as written.

7 – Adjournment

The meeting was adjourned at 2:25 pm EDT.

TNI Asbestos Testing Expert Committee (ATEC) Conference Call

Committee Meeting
Wednesday, September 19, 2018
Call in: 1-605-475-6333; Access code: 862 9608

Myron Getman, Chair
Glen Green, Vice Chair

AGENDA

Roll call

Review and approve August 15, 2018 Minutes

Review and approve Agenda

Training reminder

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

Old Business

- 7.2.1.1 b), c), e) iv, f) – control charts
- 7.2.1.1 e) ii & iii – missing NIST SRMs

New Business

Review of Volume 1, Module 3 initial draft (V1M3_draft_0618)

- 7.2.1.1 Calibration
 - g)
- 7.2.1.2 Test Variability/Reproducibility
- 7.2.1.3 Analytical Sensitivity
- 7.2.1.4 Data Acceptance/Rejection Criteria
- 7.2.2 Air
 - 7.2.2.1 Calibration
 - 7.2.2.2 Test Variability/Reproducibility
 - 7.2.2.3 Analytical Sensitivity
 - 7.2.2.4 Data Acceptance/Rejection Criteria
- 7.2.3 Bulk Samples
 - 7.2.3.1 Calibration
 - 7.2.3.2 Test Variability/Reproducibility
 - 7.2.3.3 Analytical Sensitivity
 - 7.2.3.4 Data Acceptance/Rejection Criteria
- 7.2.4 General
 - 7.2.4.1 Quality Control

- 7.2.4.2 Other Quality Control Measures
- 7.2.4.3 Quality of Standards and Reagents

If the Committee wishes and time allows

- 7.3 Phase Contrast Microscopy
 - 7.3.1 Calibration
 - 7.3.2 Test Variability/Reproducibility
 - 7.3.3 Analytical Sensitivity
 - 7.3.4 Data Acceptance/Rejection Criteria
 - 7.3.5 Quality Control
 - 7.3.6 Other Quality Control Measures
 - 7.3.7 Quality of Standards and Reagents

Next Meeting: October 17, 2018 @ 1pm