

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

JANUARY 17, 2018

The Committee met by teleconference on Wednesday, January 17, 2018, at 1:00 pm EST. Vice-Chair Glen Green led the meeting.

1 – Roll call

Mike Carpinona, NJDEP (AB)	Present
Zonetta English, Louisville Jefferson County (Laboratory)	Present
Myron Getman, Chair, NY State DOH (AB)	Absent
Glen Green, Vice-Chair, Xcel Energy (Other)	Present
Dixie Marlin, Marlin Quality Management (Other)	Present
Carl Kircher, FLDOH, Associate Committee Member	Absent
Ken Jackson, Program Administrator	Absent

Glen informed the committee that Wyatt had resigned his position.

2 – Review and Approval of Previous Minutes

The Committee voted on the minutes of November 15, 2017. All were in favor and the minutes passed.

3 – Agenda

The Committee approved the proposed agenda with addition of an e-mail message submitted by Carl Kircher on January 8. He had been tasked by the Laboratory Accreditation System Executive Committee (LASEC) to review the asbestos module for consistency with Module 2 of the standard, and his message provided a list of items for the committee’s consideration.

4 – Old Business

There was no old business.

5 – New Business

Carl Kircher E-mail Items

Section 1.7.1 *“The statement about the laboratory substituting equivalent reference materials if NIST SRMs are unavailable is applicable and necessary to all the Technical Requirements, not just “Calibration.” Therefore, this paragraph should be moved to below Section 1.7 Technical Requirements; then Section 1.7.1 would just have “Calibration” followed by 1.7.1.1 “Transmission Electron Microscopy” and so forth.”*

It was agreed to re-name 1.7.1 to “Reference Materials, leaving the current sentence in place, and then renumber subsequent sections so that Section 1.7.2 would be “Calibration”, etc.

Section 1.7.1.1(g) *“This is just a poorly written standard, and it became the subject of a Standard Interpretation Request. If I understand the meaning and purpose, I would word this as follows: “Grid Openings. The Area of the TEM grid openings shall be calibrated using an appropriate standard at a frequency of 20 openings per 20 grids per lot of 1000 grids or less, or at least one TEM grid opening per sample. The variation in the calibration measurements (two times the standard deviation, 2s) shall be <5% of the mean calibration value.””*

The suggested re-wording was adopted.

Section 1.7.1.3.2 *“The whole paragraph is not really clear. In particular, the second “sentence” is not really a complete sentence (no verb). Is the requirement really to have Refractive Index standards at 1.490, 1.495, 1.500, ... , 1.715, and 1.720 (that’s a lot of RI standards)? Or to have at least 3 RI standards for calibration, at 1.550, 1.605, and 1.680 at +/- 0.005 each?”*

Zonetta said this wording should come from the NVLAP standard, and she suggested deferring consideration of this paragraph until she had located that standard.

Section 1.7.2.1.3(b) *“Any acceptance criteria for the PLM Non-Friable Material negative control? Section (a) above implies that “no Asbestos contamination” shall be detected; is that the criteria for (a) and the criteria for this section (b) as well?”*

It was agreed acceptance criteria should be added. Zonetta suggested the same acceptance criteria may apply to both friable and non-friable material. She said she would look into it.

Section 1.7.3.1.1: *“The last two sentences of the section (before subdivision to (a), (b), etc.) appear to be useful information and not requirements. Perhaps these sentences should be made a “NOTE” so as to not be confused with the first 4 sentences that are clearly requirements.”*

It was agreed to make this a “note”.

Section 1.7.3.1.3 *“Are there any acceptance criteria to be specified in this Standard for the Bulk Sample Intra-Analyst Precision (as is specified for other matrices and methods)?”*

The committee would work on acceptance criteria.

Before considering the remaining comments below, the committee agreed with Zonetta’s suggestion to have the NVLAP standard available in order to ensure consistency between the standards. She hoped to have this available for the next conference call.

Section 1.7.4.1(b)(ii) *“Are there any acceptance criteria to be specified in this Standard for the Air TEM accuracy check (as is specified for other matrices and methods)?”*

Section 1.7.4.2(b) *“The statement reads more like an exemption rather than a requirement. Consequently, I would recommend moving the sentence to (a) or make this a NOTE to Section (a), and renumber (c) as (b).”*

Section 1.7.4.3(a) and (b) *“Are there any acceptance criteria to be specified in this Standard for the PLM Accuracy and Precision checks (as is specified for other matrices and methods)?”*

Sections 1.7.3.1.1(a), 1.7.3.1.1(b), 1.7.4.3(a), and 1.7.4.3(b) *“It has been my experience in assessing Asbestos laboratories that FEW Drinking Water or other samples are ever analyzed for NELAC compliance. Consequently, it could be 20-50 years (if ever?) before the 1-in-100 sample requirements would become applicable. Should the frequency be increased to 1 per 20 samples? Or a minimum of once annually or biannually?”*

Section 1.7.5.1.3 *“No requirements appear to be present (auxiliary verb is “may”). Should requirements for Bulk Sample TEM sensitivity be specified, as with the water and air samples?”*

Section 1.7.5.2 *“The section has some good information, but no requirements. Are there any requirements needed for PCM sensitivity?”*

Section 1.7.6.2 *“The section says that standards of known concentration have not been developed for PCM. Is this still true in year-2018? Since PTs are required (per Section 1.5), should the auxiliary verb “may” be changed to “shall” in the second sentence? “*

Section 1.7.7.1.3(b) *“The section has some good information, but no requirements. Are there any requirements needed for Bulk Sample TEM Measurement Uncertainty?”*

6 – Adjournment

The meeting was adjourned at 1:55 pm EST. The next call would be on February 21, 2018.

TNI Asbestos Testing Expert Committee (ATEC) Conference Call

Committee Meeting

Wednesday, January 17, 2018

Call in: 1-712-832-8300; Access code: 862 9608

Myron Getman, Chair

Glen Green, Vice Chair

AGENDA

Roll call

Review and approve November 15, 2017 Minutes

Review and approve Agenda

Old Business

New Business

· Method Review (refer to draft table of contents)

o Section 7.1.2 [TEM] Air

§ 7.1.2.1 Calibration (1.7.1.1.2 in current standard)

§ 7.1.2.2 Test Variability/Reproducibility (1.7.3.1.2 in current standard)

§ 7.1.2.3 Analytical Sensitivity (1.7.5.1.2 in current standard)

§ 7.1.2.4 Data Acceptance/Rejection Criteria (1.7.7.1.2 in current standard)

o Section 7.1.3 [TEM] Bulk Samples (as time allows)

§ 7.1.3.1 Calibration (1.7.1.1.3 in current standard)

§ 7.1.3.2 Test Variability/Reproducibility (1.7.3.1.3 in current standard)

§ 7.1.3.3 Analytical Sensitivity (1.7.5.1.3 in current standard)

§ 7.1.3.4 Data Acceptance/Rejection Criteria (1.7.7.1.2 in current standard)

Next Meeting: February 21, 2018 @ 1pm