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| **TNI SSAS EXPERT COMMITTEE: OUTLINE OF CHANGES AND IMPROVEMENTS** |
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| **SSAS Volume 1: Module 3 (Stakeholders)** |
| The revised TNI SSAS Volume 1 Standard combines the requirements for Providers audit samples (Module 1), the Provider Accreditor requirements (Module 2) and the Participant requirements (Module 3). |
| Most of the normative language by The NELAC Institute (TNI) that is specific for the SSAS program has been retained or revised for clarity. |

| Section | Current Text | Proposed Text | Justification | Comments |
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| 1.3.b) | The final acceptance of a Facility’s stationary source air emissions test results by the Regulatory Agency is outside the scope of this Standard | The final acceptance of a Facility’s stationary source air emissions test results by the Regulatory Agency is outside the scope of this Standard, and is the responsibility of the Regulatory Agency involved in the Testing event for a given Facility. | clarifying responsibility of Regulatory Agency regarding final acceptance of audit results. |  |
| 3.2 | [new text] | **Concentrated Audit:** An audit requiring dilution or other preparation prior to the beginning of any analytical steps. | necessary to differentiate between audit preparation and method-required sample preparation (dilution of audit versus preparation of field samples) |  |
| 3.15 | [new text] | **Whole Sample Audit:** An audit which requires no further preparation prior to the beginning of analysis. | necessary to differentiate between audit preparation and method-required sample preparation (dilution of audit versus preparation of field samples) |  |
| 4.1 & 4.2 | [multiple throughout section 4.1 & 4.2] | **changed "Facility" to "Facility or Designee" where applicable.** | Most of the activities discussed in Section 4.1 are generally carried out by the Testers, not directly by the Facilities. |  |
| Figure 1 | Figure 1 & Figure 1 Notes | moved to end of document | editorial change for ease of formatting and readability |  |
| 4.1.4 | The Facility shall receive the evaluation of the audit sample results from the Provider. | The Facility or Designee, Regulatory Agency, the Stationary Source Test companies, and the Laboratories participating in the stationary source tests shall receive the evaluation of the audit sample results from the Provider. | Results are already being sent to this list of entities. Change in text makes Standard match actual practice. |  |
| 4.2.2 | The Regulatory Agency shall receive and review the Facility's request for audit samples and may provide input regarding the audit samples to the Facility and to the Provider within fifteen (15) calendar days after receiving notice and information about the order from the Provider. It is the responsibility of the Regulatory Agency to evaluate the method, container, matrix, analytes, and requested analyte requested value proposed for the audit sample and to choose, in consultation with the Provider, the analyte values that best audit the test and are blind to the other Participants. If any aspect of the audit sample, except the analyte value, must be changed, the Regulatory Agency shall inform the Facility as well as the Provider so that the Facility can also change the order as the Regulatory Agency requires. | The Regulatory Agency shall receive and review the Facility's or Designee's request for audit samples and may provide input regarding the audit samples to the Facility or Designee and to the Provider within fifteen (15) calendar days after receiving notice and information about the order from the Provider. It is the responsibility of the Regulatory Agency to evaluate the method, container, matrix, analytes, and requested analyte requested concentrations proposed for the audit sample and to choose, in consultation with the Provider, the analyte concentrations that best audit the test and are blind to the other Participants. If any aspect of the audit sample, except the analyte value concentration, must be changed, the Regulatory Agency shall inform the Facility or Designee as well as the Provider so that the Facility or Designee can also change the order as the Regulatory Agency requires. | (Facility changed to "Facility or Designees")"value" changed to "concentration", as the two are not synonymous. Audit samples are ordered based upon concentrations. |  |
| 4.2.4 | The Regulatory Agency shall receive and review the stationary source test results and the audit sample results from the Facility and Laboratory (see Section 4.4.2), and may provide input to the Facility after the test. | The Regulatory Agency shall receive and review the stationary source test results and the audit sample results from the Facility or Designee and Laboratory (see Section 4.4.2), and may provide input to the Facility or Designee after the test. | Clarification that the sample results and audit results are submitted to the regulators by the Facility or Designee AND by the laboratory. Lab is required to report to Tester, Provider, and Regulator simultaneously. |  |
| 4.3.2 | The Stationary Source Tester shall receive the audit samples from the Provider or the Facility, have them available at the test site during testing, and add them to the batch of field samples sent for analysis, unless otherwise authorized by the Regulatory Agency. | The Stationary Source Tester shall receive the audit samples from the Provider or the Facility, have them available at the test site during testing, store the audit samples in accordance with the Provider's instructions while in possession of the audit samples, and add them to the batch of field samples sent for analysis, unless otherwise authorized by the Regulatory Agency. | Added in requirement that audits be stored properly while in the custody of the Tester, as failure to do so may invalidate the audit, and neither the lab nor the provider have control over the actions of the Tester. |  |
| 4.4.1 | The Laboratory shall receive and analyze the stationary source test samples and the audit samples from the Stationary Source Tester. The Laboratory shall handle, store, and analyze each audit sample in the same batch and in the same manner as the stationary source test samples for the test method and analyte being audited. The Laboratory shall prepare each audit sample for analysis according to the instructions provided by the Provider. The Laboratory shall use the same personnel, sample tracking, sample storage, preparation, analysis methods, equipment, materials, standard operating procedures, calibration techniques, quality control procedures, and quality control acceptance criteria for the stationary source test samples and the audit samples. | The Laboratory shall receive and analyze the stationary source test samples and the audit samples from the Stationary Source Tester. If necessary, the Laboratory shall prepare each audit sample according to the instructions provided by the Provider prior to beginning any analytical steps, including method-specific preparatory steps, if any. | Broken into 3 paragraphs to remove ambiguous references to "prepare" & "preparation". |  |
| 4.4.1 |   | The Laboratory shall handle, store, prepare and analyze each audit sample in the same batch and in the same manner as the stationary source test samples for the test method and analyte being audited.  | Broken into 3 paragraphs to remove ambiguous references to "prepare" & "preparation". |  |
| 4.4.1 |   | The Laboratory shall use the same personnel, sample tracking, sample storage, sample preparation and analysis methods, equipment, materials, standard operating procedures, calibration techniques, quality control procedures, and quality control acceptance criteria for the stationary source test samples and the audit samples. | Broken into 3 paragraphs to remove ambiguous references to "prepare" & "preparation". |  |
| 4.4.2 - 4.4.5 | editorial changes | renumbered to 4.4.4 - 4.4.7 | editorial change  |  |
| 6.0 | When a Facility, Stationary Source Tester, or Laboratory has a question or complaint regarding an audit sample or Performance Evaluation from the Provider, and when the Facility, Stationary Source Tester, or Laboratory has sufficient cause to question the validity of that audit sample or performance evaluation... | When a Facility, Stationary Source Tester, or Laboratory has a question or complaint regarding an audit sample , and when the Facility, Stationary Source Tester, or Laboratory has sufficient cause to question the validity of that audit sample… | removed references to "Performance Evaluation" because PE samples apply to water/wasterwater, not to the SSAS Program. |  |
| Figure 1 | [moved to end of document] | Figure 1 & Figure 1 Notes | editorial change for ease of formatting and readability |  |