

# Stationary Source Audit Sample Expert Committee (SSAS) Charter

September 20, 2021

## **Mission:**

Develop and maintain consensus standards for the EPA's Stationary Source Audit Program (SSAP) that meet or exceed the requirements as described in 40 CFR 60.8 and 63.7.

## **Composition of the Committee:**

No more than 15 members representing applicable stakeholder groups; each serving three-year terms with a maximum of two consecutive terms. Members may be approved to remain on the Committee for longer than two consecutive terms by a vote of the Committee and with the approval of the Consensus Standards Development Executive Committee.

- Stakeholders include members of the Stationary Source Emissions Testing community:
  - Laboratories
  - Field Sampling and Measurement Organizations (Stationary Source Samplers),
  - Regulators,
  - Other (Providers, ABs, Facilities, Affiliates, etc.).
- A Chair and Vice-Chair are elected from the current committee membership; each serving 1-year terms. The Chair and Vice-Chair may serve more than one term, but must be elected annually.
- Membership must maintain balance so that no stakeholder group has a simple majority.
- Associate members are allowed.

## **Objectives:**

1. Develop and maintain consensus standards for the manufacture of Audit Samples that ensure Audit Samples provide equal challenge to Participants, regardless of manufacturer.

### **Success Measure:**

- Finalized version of the SSAS Volume.

2. Develop and maintain consensus standards that support Audit Sample design (analyte, matrix, concentration and acceptance criteria) appropriate to evaluate a Participant's accuracy for the Method/Analyte combination for which the Audit Sample was manufactured.

### **Success Measures:**

- Accreditation of Audit Sample Providers showing compliance with design specifications as given in the SSAS Table,
- Finalized version of the SSAS Volume.

3. Develop and maintain consensus standards for the requirements and performance of Audit Samples Provider Accreditors (ASPAs) that ensures Audit Sample Providers are accredited in a manner that ensures the Success Measures given in Items 1 and 2, above, are consistently achievable between Audit Sample Providers.

### **Success Measure:**

- Finalized version of the SSAS Volume.

4. Develop and maintain consensus standards for the acquisition, storage, preparation, analysis, and reporting of Audit Samples and their results by Participants in the SSAP.

**Success Measure:**

- Finalized version of the SSAS Volume.

5. Maintain Currency of SSAS Table (Biennial Review).

**Success Measures**

- Pass rate for all Audit Samples for Method/Analyte combinations deemed acceptable,
- Recalculation of control limits for pass rates deemed not acceptable,
- SSAS Committee approval of SSAS Table.

6. Promote the development of an Audit Sample that challenges both the Stationary Source Sampler and the Laboratory.

**Success Measures**

- Discussions with Audit Sample Providers regarding the feasibility of gaseous Audit Samples,
- Discussions with Audit Sample Providers and Source Samplers regarding the feasibility of an Audit Sample requiring Field Train Recovery activities,
- Discussions with Audit Sample Providers, Source Samplers, and Laboratories regarding the feasibility of a parallel audit sample where part of the Audit Sample is prepared in the field and part of the Audit Sample is prepared in the laboratory,
- Discussions with Audit Sample Providers, Source Samplers, and Laboratories regarding co-located train audit samples.

7. Public outreach to promote the use of Audit Samples for quality assurance purposes, and encourage the return of the Program to mandatory status.

**Success Measures**

- Continued use of Audit Samples while Program is voluntary,
- Discussions with potential Audit Sample Providers to attempt to get more than one Audit Sample Provider,
- Audit samples become a mandatory requirement for all permitted source tests.

8. Prepare and deliver an Annual Report for the previous year and Work Plan for the coming year for the annual meeting or when requested by the Executive Director.

**Success Measure:**

- Activities and progress provided within the Annual Report and Work Plan design and any subsequent revisions are approved by the TNI Board.

**Available Resources:**

- Volunteer committee members,
- EPA Program documentation as described in the Code of Federal Regulations,
- Environmental technical community, including staff from the EPA's Office of Air and Radiation,
- Teleconference and web-based services,
- TNI Infrastructure,
- Other TNI Expert Committees,
- TNI Website and TNI support services (administrative, technical editing, etc.).

**Anticipated Meeting Schedule:**

- Monthly virtual meetings open to all Full and Associate Members (default time on TNI Website)
- Additional meetings as needed
- In-person meetings during semiannual TNI Forums (Winter and Summer) open to all forum registrants

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Approved by the CSDP EC – October 18, 2021