



## Stack Test Quality Assurance Audits

- Stationary Source Audit Samples (SSAS) are blind samples formerly provided by EPA free of charge. Funding ended in 2010. No audits since May 2010.
- Regulation revisions approved in September 2010 to require purchase of audits from private Accredited Audit Sample Providers (AASP) from an approved audit program, if available. Two AASPs must be available before purchase of audits is required by the regulation.
- The NELAC Institute (TNI) has developed consensus standards for a privatized audit program (<http://www.nelac-institute.org/ssas>) and is an EPA-approved audit program.
- Two AASPs are now approved (but not for all methods.) Audits required for tests starting on **June 16, 2013.**



# Stack Test Quality Assurance Audits

## TNI Audit Process

- Facility (or Authorized Representative) provides Regulatory Agency sufficient information to determine type(s) and concentration(s) of needed audits, plus details on selected Provider (V1M3 §4.1.1.) In NJ, this information is in the Protocol.
- Facility orders audits from Provider.
- Provider contacts Regulatory Agency to allow for input.
- Regulatory Agency has 15 days to provide input.
- Provider ships audits to Facility to be on-site during test.
- Tester ships audits with stack samples to Laboratory.
- Laboratory reports audit results to Provider, **and** simultaneously reports audit and sample results to the Regulatory Agency.

# PROVIDERS

## ERA

Environmental Resource Assoc.  
16341 Table Mountain Pkwy  
Golden, CO 80403  
800-732-0122

[www.eraqc.com](http://www.eraqc.com)

## Sigma-Aldrich

Sigma-Aldrich RTC, Inc  
2931 Soldier Springs Road  
Laramie, WY 82070  
800-576-5690

[www.sigmaaldrich.com](http://www.sigmaaldrich.com)

# AVAILABLE SSAS

## ■ Inorganics

- Total Fluorides – Methods 13, 13A & 13B
- HCl & HF – Methods 26 & 26A
- Sulfuric Acid Mist – Method 8
- SO<sub>2</sub> – Methods 6 & 8
- NO<sub>x</sub> – Method 7

## ■ Metals – Methods 29 (12 & 101A)

- 16 Metals including Hg
- Ampule & Filter Fractions

# NOT YET AVAILABLE

Listed in SSAS Table, But Providers Don't Offer Them Yet

- Non-Methane Organics - Method 25
- MCEM\* - Method 315
- Dioxins/Furans - Method 23

\* Methylene Chloride Extractable Material