

APPLICATION FOR AIR EMISSION TESTING BODY (AETB) ACCREDITATION

Source Emission Measurement Quality Assurance Programs (SEMQAP)
Stack Testing Accreditation Council (STAC)

A. Purpose of Application: Mark (X) one. **Assigned STAC Accreditation #** _____

- Initial Accreditation
 Renewal Accreditation
 Reaccreditation

B. Company Name: _____

C. Mailing Address: _____

(P.O. Box or Number and Street)

(City) (State) (ZIP)

E. Physical Address (for UPS Delivery):

(Number and Street)

(City) (State) (ZIP)

F. Billing Name and Address (for Accreditation Fees):

(Billing Name)

(P.O. Box or Number and Street)

(City) (State) (ZIP)

G. Telephone Number:

H. Fax Number:

I. E-Mail Address

J. Company Representative:

K. Telephone Number:

- L. Other Certification or Accreditations:** Attach a list of all AETB Accreditation/Certifications held by the organization. Include the name of the accreditation/certification authority, the type of accreditation/certification and the expiration date. Attach copies of all current Accreditation/Certificates, including (if applicable) lists of parameters and methods, most recent evaluation reports and responses to any findings from each of the Accreditation/Certification Programs Assessments and PT results (if applicable).

- M. Quality Manual:** Submit a copy of your Quality Manual that conforms to the requirements of ASTM D7036 Section 7.3. Include all related policies and procedures referenced within. If at all possible, this submittal should be in electronic form preferably as searchable pdf files.

- N. Technical Director:** Designate the person responsible for the AETB operations. Attach resume including detailed emission testing experience, list of all certificates or registrations held (e.g. PE, QEP), the issuing agency, and the date of issue.

Name: _____

Telephone Number: _____

Education

Name of Institution: _____

Degree/ Major Field: _____

Certificates or Registrations Held: _____

Summary of experience related to emission testing:

- N. AETB Personnel:** Attach an experience matrix as described herein. Using spreadsheet software, create an experience matrix of all personnel involved in emission testing operations. List all personnel along the side and all relevant test methods along the top. For each individual place an indicating mark (e.g. a color fill or an "x") under each test method the individual has been authorized to perform pursuant to ASTM D7036 Section 8.4. If, for any given test method, the individual has met the criteria for Qualified Individual as specified in Section 8.3 of ASTM D7036, replace the mark with a different indicating mark (e.g. a different color fill or a "Q"). For all Qualified Individuals, submit method specific documentation showing that the individual has met all the requirements of Section 8.3.2 of ASTM D7036. A Qualified Stack Test Individual (QSTI) certificate from the Source Evaluation Society (SES) shall constitute acceptable documentation.

O. FEES

A \$750 Accreditation Application Fee must accompany this application form in order for the application to be processed. Upon a determination of completeness, you will be notified that the Accreditation Assessment Fee of \$5,000 is due. Your application will be processed upon receipt of the Assessment Fee.

You will be invoiced for your Annual Maintenance Fee of \$750 beginning the following year from Accreditation. Continued accreditation is contingent upon payment of invoiced Application Fees, Accreditation Fee, and Annual Maintenance fees.

P. TEST METHODS

Test Methods and Parameters: Check the method(s) below that cover the AETB's scope of work.

PARAMETER or METHOD	CHECK
Method 1 - Traverse Points	
Method 1A - Small Ducts	
Method 2 - Velocity - S-type Pitot	
Method 2A - Volume Meters	
Method 2B - Exhaust Volume Flow Rate	
Method 2C - Standard Pitot	
Method 2D - Rate Meters	
Method 2E - Landfill Gas Production Flow Rate	
Methods 2F, 2G, & 2H - 3-D Probes	
Method 3 - Molecular Weight	
Method 3A - CO ₂ , O ₂ - Instrumental	
Method 3B - CO ₂ , O ₂ - Orsat	
Method 3C - CO ₂ , CH ₄ , N ₂ O, O ₂ - TCD	
Method 4 - Moisture Content	
Method 5 - Particulate Matter (PM)	
Method 5A - PM Asphalt Roofing (Particulate Matter)	
Method 5B - PM Non-sulfuric Acid (Particulate Matter)	
Method 5D - PM Bag houses (Particulate Matter)	
Method 5E - PM Fiberglass Plants (Particulate Matter)	
Method 5F-PM Fluid Catalytic Cracking Unit	
Method 5i - Determination of Low Level Particulate Matter Emissions	
Method 6 - Sulfur Dioxide (SO ₂)	
Method 6A - SO ₂ , CO ₂	
Method 6B - SO ₂ , CO ₂ - Long Term Integrated	
Method 6C - SO ₂ - Instrumental	
Method 7 - Nitrogen Oxide (NO _x)	
Method 7A - NO _x - Ion Chromatographic Method	
Method 7D - NO _x - Ion Chromatographic	
Method 7E - NO _x - Instrumental	
Method 8 - Sulfuric Acid Mist	
Method 9 - Visual Opacity	
Method 10 - Carbon Monoxide-NDIR	
Method 10A - CO for Certifying CEMS	
Method 10B - CO from Stationary Sources	
Method 11 - H ₂ S Content of Fuel	
Method 12 - Inorganic Lead	

Method 13A - Total Fluoride (SPADNS Zirconium Lake)	
Method 13B - Total Fluoride (Specific Ion Electrode)	
Method 14 - Fluoride for Primary Aluminum Plants	
Method 14A - Total Fluoride Emissions from Selected Sources at Primary Aluminum Plants	
Method 15 - Hydrogen Sulfide, Carbonyl Sulfide, and Carbon Disulfide	
Method 15A - Total Reduced Sulfur (TRS Alt.)	
Method 16 - Sulfur (Semicontinuous Determination)	
Method 16A - Total Reduced Sulfur (Impinger)	
Method 16B - Total Reduced Sulfur (GC Analysis)	
Method 16A/6C - (Analyzer Method)	
Method 17 - In-Stack Particulate (PM)	
Method 18 - VOC by GC	
Method 19 - SO2 Removal & PM, SO2, NOx Rates from Electric Utility Steam Generators	
Method 20 - NOx from Stationary Gas Turbines	
Method 21 - VOC Leaks	
Method 22 - Fugitive Opacity	
Method 23 - Dioxin and Furan	
Method 24 - Surface Coatings	
Method 24A - Printing Inks and Related Coatings	
Method 25 - Gaseous Non-Methane Organic Emissions	
Method 25A - Gaseous Organic Concentration (Flame Ionization)	
Method 25B - Gaseous Organic Concentration (Infrared Analyzer)	
Method 25C - NMOC in Landfill Gases	
Method 26 - Hydrogen Chloride, Halides, Halogens	
Method 26A - Hydrogen Halide & Halogen-Isokinetic	
Method 29 - Metals Emissions from Stationary Sources	
Method 101 - Mercury from Chlor-Alkali Plants (Air)	
Method 101A - Mercury from Sewage Sludge Incinerators	
Method 102 - Mercury from Chlor-Alkali Plants (Hydrogen Streams)	
Method 103 - Beryllium Screening Method	
Method 104 - Beryllium Emissions Determination	
Method 105 -Mercury in Wastewater Treatment Plant Sewage Sludge	
Method 106-Determination of Vinyl Chloride	
Method 108 - Particulate & Gaseous Arsenic emissions	
Method 111 - Polonium-210 Emissions	
Method 114 - Radionuclide Emissions	
Method 115 - Radon-222 Emissions	
Method 201 - PM10 (In-stack, CRS)	
Method 201A - PM10 (In-stack, CRS)	
Method 202 - Condensable Particulate Matter	
Method 301 - Validation Protocol	
Method 306 - Chromium Emissions Electroplating/Anodizing	
Method 308 - Methanol Emissions	
Method 315 - PM and MCEM from Aluminum Production Facilities	
Method 316 - Sample & Analysis for Formaldehyde Emissions in the Mineral Wool & Wool Fiberglass Industries	
Method 318 - Extractive FTIR Method for Measurement of Emissions from the Mineral Wool and Wool Fiberglass Industries	
Method 320 - Vapor Phase Organic & Inorganic Emissions by Extractive FTIR	
Method 321 - Gaseous HCl Emissions at Portland cement Kilns by FTIR	
0010(MM5)-Semi-volatile Organics	

0010-Formaldehyde	
0012-Multiple Metals	
0013-Hexavalent Chromium	
0030(VOST)-Volatile Organics	
0050-Particulate Matter HCl,Cl2	
PS-1 Opacity	
PS-2 Sulfur Dioxide - Nitrogen Oxides	
PS-3 Oxygen - Carbon Dioxide	
PS-4 Carbon Monoxide	
PS-5 Total Reduced Sulfur	
PS-6 Flow Rate Monitor	
PS-7Hydrogen Sulfide	
SW-846	
NIOSH Methods	
ASTM Methods	
EMC Conditional Test Methods –	
DETERMINATION OF TOXIC ORGANIC COMPOUNDS IN AMBIENT AIR	
TO-1 Volatile Organic Compounds	
TO-2 Volatile Organic Compounds	
TO-3 Volatile Organic Compounds	
TO-4 Organochlorine Pesticides Polychlorinated Biphenyls	
TO-5 Aldehydes and Ketones	
TO-6 Phosgene	
TO-7 N-Nitrosodimethylamine	
TO-8 Phenols and Methylphenols	
TO-9 Polychlorinated Dibenzo-p-dioxins	
TO-10 Organochlorine Pesticides	
TO-11 Formaldehyde	
TO-12 Non-methane Organic Compounds	
TO-13 Polynuclear Aromatic Hydrocarbons	
TO-14 Volatile Organic Compounds	
TO-16 Open- Path FTIR	
METHODS FOR THE DETERMINATION OF AIR POLLUTANTS IN INDOOR AIR	
IP-1 Volatile Organic Compounds	
IP-2 Nicotine	
IP-3 Carbon Monoxide or Carbon Dioxide	
IP-4 Air Exchange Rate	
IP-5 Nitrogen Dioxide	
IP-6 Formaldehyde and other Aldehydes	
IP-7 Benzo(a)pyrene and other PAHs	
IP-8 Organochlorine and other Pesticides	
IP-9 Reactive Acidic - Basic Cases - Particulate Matter	

IP-10 Respirable Particulate Matter	
STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES (40CFR60)	
SOURCE	SUBPART
Fossil-Fuel Fired Steam Generators	D
Electric Utility Steam Generators	Da
Industrial-Commercial- Institutional Steam Generators	Db, Dc
Incinerators	E
Municipal Waste Combustors	Ea
Nitric Acid Plants	G
Sulfuric Acid Plants	H
Asphalt Concrete Plants	I
Petroleum Refineries	J
Petroleum Storage Vessels	K, Ka
Organic Liquid Storage Vessels	Kb
Primary Aluminum Reduction Plants	S
Phosphate Fertilizer Industry	T, U, V, W, X
Kraft Pulp Mills	BB
Class Manufacturing Plants	CC
Reciprocating Engines	FF (Reserved)
Stationary Gas Turbines	GG
Lime Manufacturing Plants	HH
Automobile Surface Coating	MM
Publication Rotogravure Printing	QQ
Pressure Sensitive Tape and Label Surface Coating	RR
Surface Coating Large Appliances	SS
Beverage Can Surface Coating	WW
Rubber Tire Industry	BBB
Polymer Manufacturing Industry	DDD
Synthetic Fiber Production	HHH
SOCMI Air Oxidation Units	III
Onshore Natural Gas Processing	LLL
SOCMI Distillation Operations	NNN
SOCMI Reactor Processes	RRR
Magnetic Tape Coating Facilities	SSS
Surface Coating Business Machines	TTT
Calciners and Dryers	UUU
OTHER METHODS NOT LISTED	

Q. ASTM D7036 Checklist: Use the attached checklist as a preliminary self-assessment of your compliance with the ASTM D7036 Practice. Submit the completed checklist with your application. Add reference information in the notation section next to each requirement to indicate to the assessor how to find the associated documentation (file names, document names, locations, etc.). This will greatly aid a speedy assessment and accreditation determination.

R. Statement of Understanding:

The STAC Accreditation Process is described in the STAC SEMQAP Policy Document Module 3 “Accreditation, Maintenance, and Reaccreditation Process”. Upon determination that the documentation submitted with this application conforms to the requirements of ASTM D7036, the AETB shall be granted the status of “Interim Accreditation.” The applicant AETB must then schedule an “on-site” assessment within 12 months and STAC must receive the results of this assessment within 18 months of date that interim accreditation is granted. After review of the on-site assessment, a determination will be made as to whether to grant the status of “Final Accreditation”. Failure to submit the results of the on-site assessment within this time period may result in the revocation of the applicant AETB’s Interim Accreditation status.

Accreditation shall be granted for a term of five (5) years which commences upon the granting of Interim Accreditation. AETBs must reaccredit every five (5) years by completing an application that conforms to all SEMQAP requirements, and successfully completing an on-site assessment. The AETB shall also demonstrate continued, successful participation in the appropriate proficiency testing program(s) and demonstrate continued quality improvement through its performance data. If an AETB chooses not to seek reaccreditation, then the AETB accreditation(s) shall expire on the accreditation expiration date as shown on the certificate of accreditation issued by STAC. Additionally, the AETB shall notify STAC, in writing, of its intentions not to seek reaccreditation, in lieu of submitting an application for consideration of reaccreditation.

I submit this application for desire for our AETB to be accredited by Source Testing Accreditation Council. I understand that AETBs wishing to obtain accreditation under any of the STAC Source Emission Measurement Quality Assurance Programs (SEMQAP) must successfully complete the accreditation process found on the website link below. AETBs that fail to complete all of the requirements for interim accreditation within twelve (12) months from the date of receipt of the application by the STAC will have their application removed from consideration. Once an AETB has been notified that their application (or a portion thereof) has been removed from consideration, then the AETB must wait six (6) months before reapplying for accreditation.

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Signature of AETB Representative and Date

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Name of AETB Representative (type or print)

The accreditation process is summarized <http://www.betterdata.org/accreditation.htm>

S. Designation of AETB Representative:

YOUR LETTERHEAD

STAC
Application for Accreditation

Dear Sir:

In accordance with ASTM D7036, as Technical Director of _____, I designate _____ as the AETB Representative. He/she has the responsibility ensuring the AETB complies with the criteria and conditions for accreditation and has the authority to provide documentation for the purpose of Accreditation.

Technical Director's Signature and Date

Type or Print Name

Type or Print Title

T. Attestation of Compliance Form:

ATTESTATION OF COMPLIANCE

I, _____ of _____
(Technical Director or AETB representative) (AETB)

understand and acknowledge that the Air Emission Testing Body (AETB) is required to be continually in compliance with all the provisions and standards set forth in the ASTM D7036 Practice, and that the AETB shall be subject to suspension, revocation, and denial of accreditation in accordance with the provisions of this standard.

I further attest that all tests performed are done in accordance with the provisions under the ASTM D7036 Practice. I hereby certify that I am authorized to sign this application on behalf of the AETB and that there are no misrepresentations in my answers to the questions on the application for accreditation. The information, statements, facts, and representations given and made are true and correct, and I am aware that any misrepresentations or falsifications constitute grounds for suspension, revocation, or denial of accreditation.

Signature, Designated responsible individual

Printed Name

Printed Legal Name of AETB

Date

Signature, Technical Director

Printed Name, Technical Director