Information for Emitting Unit ID: _____

Emitting unit name and description:

Describe pollution control equipment and ID (as appropriate):

Continuous operation? ☐ Batch operation? ☐

If batch: Batch duration: _____ Batches per day: _____

Additional emitting unit information (optional):

Source Test Planning

Proposed test date(s): _____

Maximum rated capacity*: _____

Average process rate*: _____

Proposed test rate*: _____

Based on:

☐ 90 -110% of maximum load

☐ Normal operating load

☐ >50% of maximum load for Relative Accuracy Test Audit (RATA) (as applicable)

☐ Other, please explain: _____

The following are **required** for a complete protocol:

► Block flow diagram/description of process facility

► Diagram of stack showing sampling ports, platform and adjacent duct work.

☐ Additional source test planning information in attached file (optional).

Control equipment shall be operated under normal conditions during test? ☐ Yes ☐ No

If 'No', please explain:

Planned fuel types and gross heating value (as applicable) during testing*:

Anticipated fuel feed rates during testing*:

**Include units of measure.*

Source Test Program Details for Emitting Unit: _____

(complete pages 2 - 4 for each emitting unit to be tested)

Pollutant	Emission Limit(s)		Test Frequency	Compliance Determination Permit Reference Condition No(s).	Applicable State/Federal Rule or Consent Decree No(s).
	Limit*	Permit Reference Condition No(s).			
Example: Particulate Matter (PM)	*0.01 grains/dry std cubic feet (dscf)*	*II.A.1*	*Every 4 years*	*II.B.1, II.B.2, II.B.4, II.B.6*	*MAQP #0166-04, NSPS Subpart I*

Explain how this testing fulfills the requirements of the applicable condition(s) and requirement above (e.g., meets required scheduled testing, establishes operating limits, RATA, etc.):

Identify Standard Test Methods Used

☐ Method 1 – Selection of Sampling Points and Traverse Points for Stationary Sources

☐ Method 2 – Determination of Stack Gas Velocity and Volumetric Flow Rate

☐ Method 3 – Gas Analysis for the Determination of Dry Molecular Weight

☐ Method 3A – Determination of Oxygen and Carbon Dioxide Concentrations in Emissions from Stationary Sources

☐ Method 4 – Determination of Moisture Content in Stack Gases

Additional Test Methods to be Performed (as appropriate)

Parameter or Pollutant Measured	Test Method	No. of Runs Required	No. of Runs Anticipated	Anticipated Sample Time and Volume for Each Run*
Example: PM	*Method 5*	*3*	*3*	*60 minutes, 31.8 dscf*

List all test methods above required to participate in the stationary source audit program:

Discuss any federal test method deviations and analytical deviations (as applicable):

☐ Additional test method information attached (optional).

**Include units of measure.*

Stack Details for Emitting Unit: _____, (complete pages 2 - 4 for each emitting unit to be tested)

Circular Stack Details (as applicable)
(see Figures 1, 2, & 3)

Stack Diameter (D): _____ inches

Port Distance from:

Upstream Disturbance (A): _____ inches

Downstream Disturbance (B): _____ inches

Measured on site: ☐ Yes ☐ No

Area of Stack: _____square inches

Upstream Diameters (A/D): _____

Downstream Diameters (B/D): _____

No. of Particulate Traverse Points Required: _____

No. of Non-particulate Traverse Points Required: ____

No. of Sampling Ports: _____

Rectangular Stack Details (as applicable)
(see Figures 1, 2, & 4, Table 1)

Length of Stack (L): _____ inches

Width of Stack (W): _____ inches

Port Distance from:

Upstream Disturbance (A): _____ inches

Downstream Disturbance (B): _____ inches

Measured on site: ☐ Yes ☐ No

Equivalent Diameter (D): _____ inches

Area of Stack: _____square inches

Upstream Diameters (A/D): _____

Downstream Diameters (B/D): _____

No. of Particulate Traverse Points Required: _____

No. of Non-particulate Traverse Points Required: ____

No. of Sampling Ports: _____ Matrix: _____

Figure 1: Minimum No. of Traverse Points for Particulate Traverses

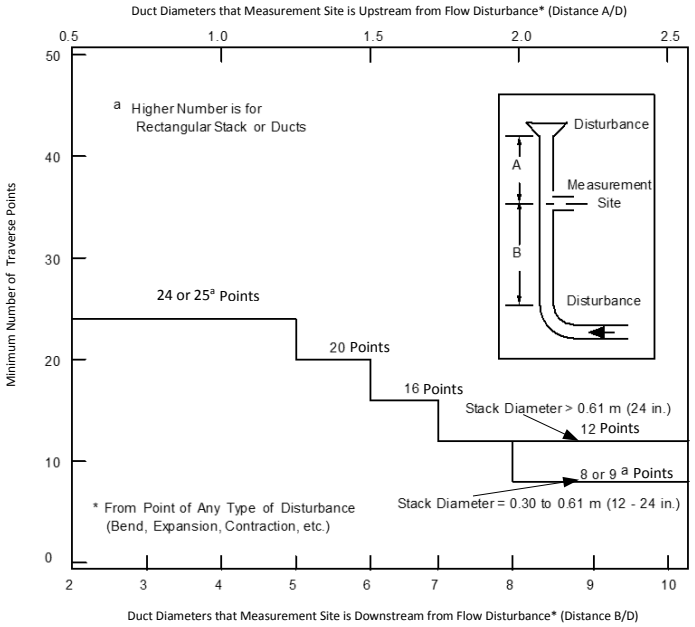

Figure 2: Minimum No. of Traverse Points for Velocity (Non-Particulate) Traverses

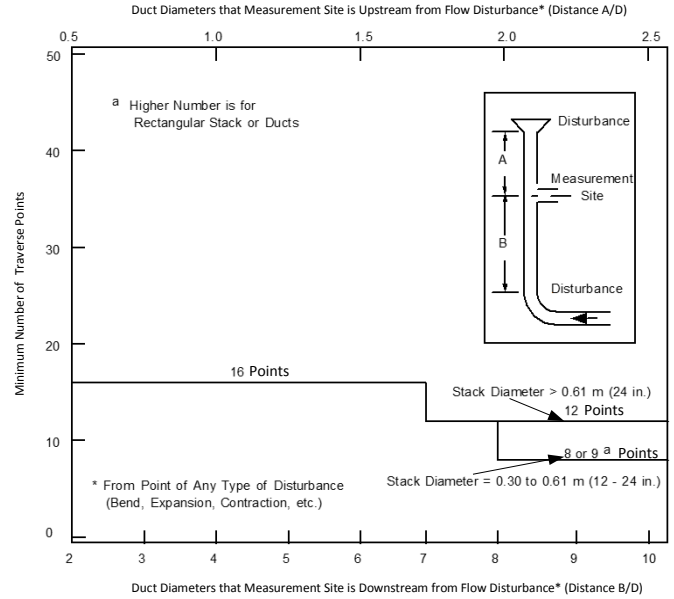

Figure 3: Circular Stack Cross-section

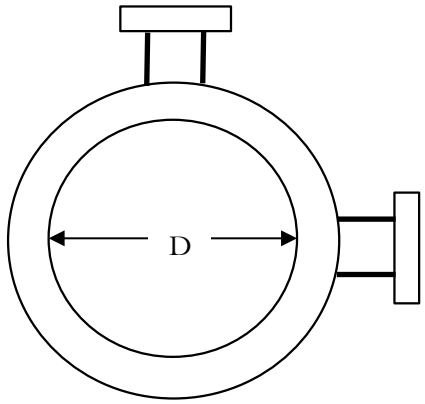

Figure 4: Rectangular Stack Cross-section

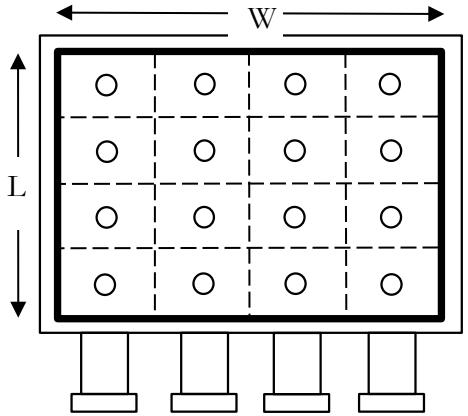

Table 1: Cross-section Layout for Rectangular Stacks

Number of Traverse Points	Matrix
9	3x3
12	4x3
16	4x4
20	5x4
25	5x5
30	6x5
36	6x6
42	7x6
49	7x7