**Section E: Reciprocating Internal Combustion Engines**

Emission Unit ID/Name:

# Equipment Description

|  |  |
| --- | --- |
| Type of Engine |       |
| Manufacturer |       |
| Model |       |
| Max. Heat Input |       MMBtu/hr |
| Max. Output |        |
| Date of Manufacture |       |
| Date of Installation |       |
| Portability |  Portable  Stationary |
| Engine Ignition Type |  Compression Ignition Spark Ignition |
| (Spark Ignition Only) | [ ]  2-Stroke [ ]  4-Stroke[ ]  Rich Burn [ ]  Lean Burn |
| 40 C.F.R. Part 60 Applicability | Subpart(s):       |
| 40 C.F.R. Part 63 Applicability | Subpart(s):       |

# Fuels

|  |  |  |
| --- | --- | --- |
| Type/Grade | Max Firing Rate(e.g., gal/hr, scfh) | Max. Sulfur Content (%)(if applicable) |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |

**Section E: Reciprocating Internal Combustion Engines (cont.)**

Emission Unit ID/Name (cont):

# Control Equipment

|  |  |
| --- | --- |
| Type of Control Equipment(e.g. Oxidation Catalyst, filters etc.) |       |
| Manufacturer |       |
| Install Date |       |
| Pollutant(s) Controlled |       |
| Capture Efficiency |       % |
| Control Efficiency |       % |

|  |  |
| --- | --- |
| Type of Control Equipment(e.g. Oxidation Catalyst, filters etc.) |       |
| Manufacturer |       |
| Install Date |       |
| Pollutant(s) Controlled |       |
| Capture Efficiency |       % |
| Control Efficiency |       % |

# BACT/BPT

 BACT was established <15 Years Ago

 BPT analysis is attached

**Section E: Reciprocating Internal Combustion Engines (cont.)**

Emission Unit ID (cont):

# Monitoring

* 1. Is this Unit subject to Compliance Assurance Monitoring (CAM) under 40 CFR Part 64?

 Yes  No

If yes, for what pollutant(s)?

* 1. This Unit is equipped with the following Certified Continuous Emission Monitoring Systems:

|  |  |  |
| --- | --- | --- |
| [ ]  NOx | [ ]  O2 | [ ]  NH3 |
| [ ]  CO | [ ]  CO2 | [ ]  Other:       |

* 1. Parameter Monitors

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter Monitored | Unit of Measure | Monitoring Tool/Method | Monitoring Frequency | Recording Frequency |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |

# Stack Data

|  |  |
| --- | --- |
| How are the emissions released? |  Fugitive  Stack |
| For stack emissions only: |  |
| Stack ID  |       |
| Orientation  |  Vertical Horizontal |
| Rain Cap  |  Yes No |
| Height (feet above ground level)  |       |
| Inside Diameter (feet)  |       |
| Gas Exit Flow Rate (acfm)  |       |
| Gas Exit Velocity (ft/sec)  |        |
| Exit Temperature (deg F)  |        |