**Section G: Incinerator**

Emission Unit ID/Name:

# Equipment Description

|  |  |
| --- | --- |
| Incinerator Type(Municipal Waste, Medical, etc.) |       |
| Waste Type |       |
| Manufacturer |       |
| Model |       |
| Date of Manufacture |       |
| Date of Installation |       |
| Number of Chambers |       |
| Max Combustion Rate (lb/hr or ton/hr) |       |
| Heat Recovery |  |
| Retention Time of Exhaust Gas |       Seconds |
| Automatic Feeder |  |
| 40 C.F.R. Part 60 Applicability | Subpart(s):       |
| 40 C.F.R. Part 63 Applicability | Subpart(s):       |

# Auxiliary Burners

|  |
| --- |
| **Primary Chamber** |
| Fuel Type | Sulfur %(if applicable) | Max Firing Rate(Identify gal/hr, scfm, tons/hr, etc.) | Temp Range(deg F) |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |

|  |
| --- |
| **Secondary Chamber** |
| Fuel Type | Sulfur %(if applicable) | Max Firing Rate(Identify gal/hr, scfm, tons/hr, etc.) | Temp Range(deg F) |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |

**Section G: Incinerator (cont)**

Emission Unit ID/Name (cont):

# Control Equipment

*Duplicate page as needed.*

|  |  |
| --- | --- |
| Type of Control Equipment(e.g. ESP, SNCR, Flue Gas Recirc, etc.) |       |
| Manufacturer |       |
| Install Date |       |
| Pollutant(s) Controlled |       |
| Capture Efficiency |       % |
| Control Efficiency |       % |

|  |  |
| --- | --- |
| Type of Control Equipment(e.g. ESP, SNCR, Flue Gas Recirc, etc.) |       |
| Manufacturer |       |
| Install Date |       |
| Pollutant(s) Controlled |       |
| Capture Efficiency |       % |
| Control Efficiency |       % |

|  |  |
| --- | --- |
| Type of Control Equipment(e.g. ESP, SNCR, Flue Gas Recirc, etc.) |       |
| Manufacturer |       |
| Install Date |       |
| Pollutant(s) Controlled |       |
| Capture Efficiency |       % |
| Control Efficiency |       % |

**Section G: Incinerator (cont)**

Emission Unit ID/Name (cont):

# BACT/BPT

 BACT was established <15 Years Ago

 BPT analysis is attached

# 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:

|  |  |  |
| --- | --- | --- |
| [ ]  Opacity | [ ]  TRS | [ ]  NH3 |
| [ ]  SO2 | [ ]  Mercury | [ ]  PM |
| [ ]  NOx | [ ]  O2 | [ ]  Other:       |
| [ ]  CO | [ ]  CO2 |  |

1. Parameter Monitors

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

**Section G: Incinerator (cont)**

Emission Unit ID/Name (cont):

# 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)  |        |