**Section F: Process Equipment**

Emission Unit ID/Name:

# Equipment Description

|  |  |
| --- | --- |
| Type of Equipment  (Printing press, Reactor, etc.) |  |
| Manufacturer |  |
| Model |  |
| Max Process Rate |  |
| Date of Manufacture |  |
| Date of Installation |  |
| 40 C.F.R. Part 60 Applicability | Subpart(s): |
| 40 C.F.R. Part 63 Applicability | Subpart(s): |

# BACT/BPT

 BACT was established <15 Years Ago

 BPT analysis is attached

**Section F: Process Equipment**

Emission Unit ID/Name:

# Associated Fuel Burning Equipment

Complete this section for any fuel burning equipment integral to the process unit, for example, a dryer. Do not use this section for boilers or other fuel burning equipment identified as a separate emission unit in Sections D, E, or G.

*Duplicate page as needed.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type of Equipment:**  (Dryer burner, process heater, etc.) |  | | | | |
| Fuel type/grade | Max. Heat Input (MMBtu/hr) | Fuel sulfur content (%)  (if applicable) | Max fuel firing rate  (gal/hr, scfm, tons/hr, etc.) | Avg. Moisture Content (%)  (if applicable) |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type of Equipment:**  (Dryer burner, process heater, etc.) |  | | | | |
| Fuel type/grade | Max. Heat Input (MMBtu/hr) | Fuel sulfur content (%)  (if applicable) | Max fuel firing rate  (gal/hr, scfm, tons/hr, etc.) | Avg. Moisture Content (%)  (if applicable) |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Section F: Process Equipment (cont)**

Emission Unit ID/Name (cont):

# Control Equipment

*Duplicate page as needed.*

|  |  |
| --- | --- |
| Type of Control Equipment  (e.g. Cyclone, Baghouse, RTO, etc.) |  |
| Manufacturer |  |
| Install Date |  |
| Pollutant(s) Controlled |  |
| Capture Efficiency | % |
| Control Efficiency | % |

|  |  |
| --- | --- |
| Type of Control Equipment  (e.g. Cyclone, Baghouse, RTO, etc.) |  |
| Manufacturer |  |
| Install Date |  |
| Pollutant(s) Controlled |  |
| Capture Efficiency | % |
| Control Efficiency | % |

|  |  |
| --- | --- |
| Type of Control Equipment  (e.g. Cyclone, Baghouse, RTO, etc.) |  |
| Manufacturer |  |
| Install Date |  |
| Pollutant(s) Controlled |  |
| Capture Efficiency | % |
| Control Efficiency | % |

**Section F: Process Equipment (cont)**

Emission Unit ID/Name (cont):

# Associated Chemical Usage

*Duplicate page as needed to accommodate all chemical usage for this Emission Unit.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name:**  (e.g. ink, blanket wash, paint, etc.) | |  | |
| Actual Usage (gal/year or lb/year): | |  | |
| Density of Chemical (lb/gal): | |  | |
| Avg. Percent VOC: | |  | |
| List each HAP below: | | | Weight Percentage |
|  | | |  |
|  | | |  |
|  | | |  |
|  | | |  |
|  | | |  |
| Total HAP Emissions (lb/year): |  | | |
| Total VOC Emissions (lb/year): |  | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name:**  (e.g. ink, blanket wash, paint, etc.) | |  | |
| Actual Usage (gal/year or lb/year): | |  | |
| Density of Chemical (lb/gal): | |  | |
| Avg. Percent VOC: | |  | |
| List each HAP below: | | | Weight Percentage |
|  | | |  |
|  | | |  |
|  | | |  |
|  | | |  |
|  | | |  |
| Total HAP Emissions (lb/year): |  | | |
| Total VOC Emissions (lb/year): |  | | |

**Section F: Process Equipment (cont)**

Emission Unit ID/Name (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:

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

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) |  |