



Form No.	A-L-0019
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Revision No.	05
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CHAPTER 140

INITIAL TITLE V LICENSE OR RENEWAL APPLICATION INSTRUCTIONS

General Information:

These instructions address how to fill out the Maine Department of Environmental Protection's application forms for an Initial Title V Air Emission License or a Renewal of an existing Title V Air Emission License issued under *Part 70 Air Emission License Regulation*, 06-096 Code of Maine Regulations (C.M.R.) ch. 140. For additional guidance completing the application form, please contact your project manager (if known) or any member of the Air Licensing Section at (207) 287-7688.

The application form is broken down into sections. Each section can be repeated as often as necessary to reflect the equipment on site. Individual Sections D through I may be omitted if one or more do not apply to your specific facility.

Section A: Facility Information

Owner or Operator (*Legal name as registered with the Secretary of State*): The legal name of the company who owns, leases, operates, controls, or supervises the facility applying for the license as registered with the Secretary of State.

Facility Site Address: The physical site address of the equipment to be covered by the air emission license. Do not list a post office box here.

Facility Description: A brief description of the facility operations, e.g., paper mill, lumber manufacturing, etc.

Application Type: Check whether the application is for an Initial Title V license or the Renewal of an existing Title V license.

Current License #: Enter the number of the air emission license the facility is currently operating under.

Checklist: These requirements are necessary for the Department to accept the application for processing and should be completed then checked off prior to submitting the application.

- **Application completed:** The applicable portions of the application forms must be filled out.
- **Copy sent to town and date sent:** A copy of the air emission license application must be filed for public inspection with the town or city clerk of the local municipality.
- **Public notice published:** A public notice of intent to file must be published in a newspaper of general circulation in the region in which the source would be located (see Public Notice of Intent to File form).



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- **Enclose public notice tear sheet:** A clipping or photocopy of the notice from the paper must be submitted with the application.
- **Signed signatory form:** The Responsible Official must sign the application form (see Section J). The Department must receive an original ink signature, no scans, photocopies, or emailed signatures can be accepted.
- **Copy sent to EPA and date sent:** A copy of the air emission license application must be provided to EPA Region 1. Applications should be mailed to:

US EPA Region 1
Air Permits, Toxics, and Indoor Programs Unit
5 Post Office Square, Suite 100
Mail Code: OEP05-2
Boston, MA 02109-3912

App. Track Number(s) and Proposed License #: To be filled in by the Department.

Facility Contact: Contact information for the person responsible for any future questions regarding this facility including scheduling appointments or inspections.

Application Contact: Contact information for the person who is responsible for answering questions regarding this specific application if different than the Facility Contact. If an environmental consultant is assisting with this application, list their contact information here.

Billing Contact: Contact information for the person who is responsible for receiving and paying air emission license invoices (accounts payable).

Section B: Source Overview

- I. North American Industry Classification System (NAICS) Code and Description:** Provide a summary of all NAICS Codes that are pertinent to the facility and the process description associated with each.
- II. List of Emission Units:** Provide a summary of all emission units included in the application (exclude insignificant activities). The list should include an emission unit identifier (e.g. a name, number, or both), stack or vent identifier, and a brief description of the unit.

The definition of emission unit is:

Any equipment or pollutant-emitting activity of a source which emits, or would have the potential to emit, a regulated pollutant or hazardous air pollutant. This term is not meant to alter or affect the term "unit" for purpose of Title IV of the CAA.

- III. Insignificant Activities:** Provide a summary of emission units proposed to be exempt as insignificant activities pursuant to 06-096 C.M.R. ch. 140, Appendix B, Section B. Insignificant



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activities listed in 06-096 C.M.R. ch. 140, Appendix B, Section A are not required to be listed in the application.

Section C: General Applicable Requirements

- I. Criteria Pollutants:** Indicate if the facility, as a whole, has the potential to emit 100 or more tons per year of any of the criteria pollutants listed.
- II. Hazardous Air Pollutants:** Indicate if the facility, as a whole, has the potential to emit 10 or more tons per year of a single hazardous air pollutant (HAP) or 25 or more tons per year of all HAPs combined.
- III. Greenhouse Gases (GHGs):** Enter the facility-wide potential to emit emissions of greenhouse gases. Do not exclude emissions from biogenic sources (e.g., wood-fired boilers).
- IV. Applicable State Regulations:** Check off all Maine air regulations the facility may be subject to.
- V. Applicable Federal Regulations:** Check off all Federal air regulations the facility may be subject to.

Section D: Fuel Burning Equipment

This section is for fuel burning equipment such as boilers, hot water heaters, furnaces, dryers, etc. Internal combustion engines are covered in Section E. Incinerators are covered in Section G.

Emission Unit ID: Indicate the emission unit described by this section. The emission unit ID should correspond to the names/numbers listed in Section B – Source Overview. Fill in the ID at the top of each page associated with the emission unit.

I. Equipment Description

Type of Equipment: Describe the type of combustion equipment (e.g. boiler, combustion turbine, hot water heater, furnace, dryer, etc.).

Manufacturer: Name of the unit manufacturer.

Model: The manufacturer's model number for the unit. Do not use the serial number.

Max. Heat Input (MMBtu/hr): The maximum design heat input rating for the unit in million BTUs per hour.

Date of Manufacture: Date when the emission unit was manufactured.

Date of Installation: Date when the emission unit was installed at this site.



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40 CFR Part 60: Identify applicability and specific subparts.

40 CFR Part 63: Identify applicability and specific subparts.

Limited Use: Identify whether the equipment is subject to a license restriction preventing them from operating more than 10% or 20% on an annual basis.

II. Fuels

For any fuels fired in the emission unit, provide:

Type/Grade: Indicate if the fuel is oil, natural gas, propane, wood, anthracite coal, waste oil, etc. If oil, indicate the grade of oil (#2, #4, #6, etc.).

Max Firing Rate: The maximum fuel firing rate for all burners in this unit combined. Be sure to include units (e.g., gal/hr, cu feet/hr, ton/hr, etc.)

Sulfur Content: Maximum percentage of sulfur (by weight) in the fuel used. Do not list the average sulfur content of the fuel supplied.

Avg. Moisture Content: For wood, biomass, or other similar fuels where moisture content of the fuel is relevant, enter the average moisture content of the fuel (by weight).

III. Control Equipment

For any air pollution control equipment associated with the emission unit, provide:

Type of Control Equipment: Describe the emission unit (e.g., electrostatic precipitator, baghouse, cyclone, scrubber, afterburner, etc.).

Manufacturer: Name of the unit manufacturer.

Install Date: Date when the control was installed at this site.

Pollutant(s) Controlled: List the pollutant(s) that are controlled (e.g., PM, NO_x, VOC, etc.) for each control device.

Capture Efficiency (%): The minimum percent of total emissions from the emission unit that are captured by the ventilation/duct system.

Control Efficiency (%): The minimum percent reduction of the emissions that are conveyed to the control equipment.



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IV. BPT/BACT

Indicate whether BACT was established less than 15 years ago or whether a BPT analysis has been included with the application.

V. Monitoring

- a. **CAM:** Indicate whether the emission unit is subject to Compliance Assurance Monitoring pursuant to 40 C.F.R. Part 64 and, if so, for which pollutant(s).
- b. **CEMS/COMS:** Indicate what certified continuous emission monitoring systems are installed on the unit's exhaust.
- c. **Parameter Monitors:** For any monitors (other than CEMS/COMS) associated with the emission unit provide:

Parameter Monitored: A description of what is being monitored (e.g. scrubber pH, chamber temperature.).

Unit of Measure: The unit of measure for the monitoring device (e.g. pH, deg F)

Monitoring Tool/Method: What kind of instrumentation will be used to do the monitoring (e.g. pH probe, thermocouple)

Monitoring Frequency: How often the monitor takes a reading (e.g., continuous, hourly, etc.)

Recording Frequency: How often the monitored reading is recorded and made part of the compliance record (e.g., continuously, hourly, once per shift).

VI. Stack Data

How are the emissions released? Indicate if the emissions are fugitive or from a stack.

The following fields apply to stack emissions only.

Stack ID: The name or identifier for the exhaust point or stack for this unit (e.g. Stack #1).

Orientation: Indicate whether the stack releases vertically or horizontally.

Rain Cap: Indicate whether or not the stack is equipped with a rain cap.

Height (feet): The distance in feet from ground level to the top of the stack.

Inside Diameter (feet): The inside diameter of the stack at the exit point.



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Gas Exit Flow Rate (acfm): The maximum volumetric flow rate of the exhaust in actual cubic feet per minute at the exit point of the stack.

Gas Exit Velocity (ft/sec): The maximum gas exit velocity of the exhaust in feet per second at the exit point of the stack.

Exit Temperature (deg F): The average temperature of the exhaust in degrees Fahrenheit at the exit point of the stack (not necessarily the exit point of the emission unit).

Section E: Internal Combustion Engines

This section is for any stationary or portable internal combustion engines including emergency generators, fire pumps, and engines used to power equipment such as tub grinders and screens. Mobil equipment in which the engine is used to power the equipment tracks or wheels, such as front-end loaders, forklifts, dump trucks, or tractors, are not considered stationary or portable engines and do not need to be included in this application.

Emission Unit ID: Indicate the emission unit described by this section. The emission unit ID should correspond to the names/numbers listed in Section B – Source Overview. Fill in the ID at the top of each page associated with the emission unit.

I. Equipment Description

Type of Engine: Indicate whether the engine is used as an emergency generator, fire pump, prime power, or other use. If other, give a brief description.

Manufacturer: Name of the unit manufacturer.

Model: The manufacturer's model number for the unit. Do not use the serial number.

Max. Heat Input (MMBtu/hr): The maximum design heat input rating for the unit in million BTUs per hour.

Max. Output: The maximum output of the unit. Indicate whether the units of the output listed are kilowatts or horsepower.

Date of Manufacture: Date when the emission unit was manufactured.

Date of Installation: Date when the emission unit was installed at this site.

Portability: Indicate whether the unit is portable or stationary.

Engine Ignition Type: Indicate whether the unit is a spark ignition engine (i.e. gasoline, natural gas, or propane-fired) or a compression ignition engine (i.e. distillate-fired).



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(Spark Ignition Engines Only): For spark ignition engines only, indicate whether the engine is 2-stroke or 4-stroke and whether it is a rich burn or lean burn engine.

40 CFR Part 60: Identify applicability and specific subparts (e.g., Subpart IIII or JJJJ).

40 CFR Part 63: Identify applicability and specific subparts (e.g., Subpart ZZZZ).

II. Fuels

For any fuels fired in the emission unit, provide:

Type/Grade: Indicate if the fuel is oil, natural gas, propane, wood, anthracite coal, waste oil, etc. If oil, indicate the grade of oil (#2, #4, #6, etc.).

Max Firing Rate: The maximum fuel firing rate for all burners in this unit combined. Be sure to include units (e.g., gal/hr, cu feet/hr, ton/hr, etc.).

Sulfur Content: Maximum percentage of sulfur (by weight) in the fuel used. Do not list the average sulfur content of the fuel supplied.

III. Control Equipment

For any air pollution control equipment associated with the emission unit, provide:

Type of Control Equipment: Describe the emission unit (e.g., electrostatic precipitator, baghouse, cyclone, scrubber, afterburner, etc.).

Manufacturer: Name of the unit manufacturer.

Install Date: Date when the control was installed at this site.

Pollutant(s) Controlled: List the pollutant(s) that are controlled (e.g., PM, NO_x, VOC, etc.) for each control device.

Capture Efficiency (%): The minimum percent of total emissions from the emission unit that are captured by the ventilation/duct system.

Control Efficiency (%): The minimum percent reduction of the emissions that are conveyed to the control equipment.

IV. BPT/BACT

Indicate whether BACT was established less than 15 years ago or whether a BPT analysis has been included with the application.



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V. Monitoring

- CAM:** Indicate whether the emission unit is subject to Compliance Assurance Monitoring pursuant to 40 C.F.R. Part 64 and, if so, for which pollutant(s).
- CEMS/COMS:** Indicate what certified continuous emission monitoring systems are installed on the unit's exhaust.
- Parameter Monitors:** For any monitors (other than CEMS/COMS) associated with the emission unit provide:

Parameter Monitored: A description of what is being monitored (e.g. scrubber pH, chamber temperature.).

Unit of Measure: The unit of measure for the monitoring device (e.g. pH, deg F)

Monitoring Tool/Method: What kind of instrumentation will be used to do the monitoring (e.g. pH probe, thermocouple)

Monitoring Frequency: How often the monitor takes a reading (e.g., continuous, hourly, etc.)

Recording Frequency: How often the monitored reading is recorded and made part of the compliance record (e.g., continuously, hourly, once per shift).

VI. Stack Data:

How are the emissions released? Indicate if the emissions are fugitive or from a stack.

The following fields apply to stack emissions only.

Stack ID: The name or identifier for the exhaust point or stack for this unit (e.g. Stack #1).

Orientation: Indicate whether the stack releases vertically or horizontally.

Rain Cap: Indicate whether or not the stack is equipped with a rain cap.

Height (feet): The distance in feet from ground level to the top of the stack.

Inside Diameter (feet): The inside diameter of the stack at the exit point.

Gas Exit Flow Rate (acfm): The maximum volumetric flow rate of the exhaust in actual cubic feet per minute at the exit point of the stack.



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Gas Exit Velocity (ft/sec): The maximum gas exit velocity of the exhaust in feet per second at the exit point of the stack.

Exit Temperature (deg F): The average temperature of the exhaust in degrees Fahrenheit at the exit point of the stack (not necessarily the exit point of the emission unit).

Section F: Process Equipment

This section is for process equipment which may emit regulated pollutants. Examples include printing presses, paper machines, sawing or sanding operations, painting or finishing operations, sand-blasting, grinders, and brick or ceramic kilns. Associated fuel burning equipment which is an integrated part of the process equipment, such as dryers, does not need to be included in Section D (Fuel Burning Equipment) if it is included in this section.

Emission Unit ID: Indicate the emission unit described by this section. The emission unit ID should correspond to the names/numbers listed in Section B – Source Overview. Fill in the ID at the top of each page associated with the emission unit.

I. Equipment Description

Type of Equipment: Describe the type of process equipment (e.g., printing press, paint booth, reactor, etc.).

Manufacturer: Name of the unit manufacturer.

Model: The manufacturer's model number for the unit. Do not use the serial number.

Max Process Rate: The maximum design process rate for the equipment. Please include units.

Date of Manufacture: Date when the emission unit was manufactured.

Date of Installation: Date when the emission unit was installed at this site.

40 CFR Part 60: Identify applicability and specific subparts.

40 CFR Part 63: Identify applicability and specific subparts.

II. BPT/BACT

Indicate whether BACT was established less than 15 years ago or whether a BPT analysis has been included with the application.



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III. Associated Fuel Burning Equipment

Do not use this section for boilers, engines, or other fuel burning equipment identified as a separate emission unit in Sections D, E, or G. For any fuel burning equipment integral to the operation of this emission unit, provide:

Type of Equipment: Describe the type of combustion equipment (e.g. dryer burner, process heater, etc.).

Fuel Type/Grade: Indicate if the fuel is oil, natural gas, propane, wood, anthracite coal, waste oil, etc. If oil, indicate the grade of oil (#2, #4, #6, etc.).

Max Heat Input: The maximum design heat input rating for the associated fuel burning equipment in million BTUs per hour.

Fuel Sulfur Content: Maximum percentage of sulfur (by weight) in the fuel used. Do not list the average sulfur content of the fuel supplied.

Max Fuel Firing Rate: The maximum fuel firing rate for the associated fuel burning equipment. Be sure to include units (e.g., gal/hr, cu feet/hr, ton/hr, etc.)

Avg. Moisture Content: For wood, biomass, or other similar fuels where moisture content of the fuel is relevant, enter the average moisture content of the fuel (by weight).

IV. Control Equipment

For any air pollution control equipment associated with the emission unit, provide:

Type of Control Equipment: Describe the emission unit (e.g., electrostatic precipitator, baghouse, cyclone, scrubber, afterburner, etc.).

Manufacturer: Name of the unit manufacturer.

Install Date: Date when the control was installed at this site.

Pollutant(s) Controlled: List the pollutant(s) that are controlled (e.g., PM, NO_x, VOC, etc.) for each control device.

Capture Efficiency (%): The minimum percent of total emissions from the emission unit that are captured by the ventilation/duct system.

Control Efficiency (%): The minimum percent reduction of the emissions that are conveyed to the control equipment.



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V. Associated Chemical Usage

For each chemical used in the process, which contains VOC or HAP, provide:

Chemical Name: The name of the type of chemical used, e.g., ink, blanket wash, paint, varnish, etc.)

Actual Usage: The average actual annual amount of chemical used in the process. Include units of gallons per year or pounds per year.

Density of Chemical: The density of the chemical compound in lb/gal.

Avg. Percent VOC: The average percentage of VOC in the chemical by weight.

List each HAP below: For each HAP contained in the chemical used, list the name and percent by weight.

Total HAP (lb/year): The total pounds of HAP emissions from this chemical type per year.

Total VOC (lb/year): The total pounds of VOC emissions from this chemical type per year.

VI. Monitoring

- CAM:** Indicate whether the emission unit is subject to Compliance Assurance Monitoring pursuant to 40 C.F.R. Part 64 and, if so, for which pollutant(s).
- CEMS/COMS:** Indicate what certified continuous emission monitoring systems are installed on the unit's exhaust.
- Parameter Monitors:** For any monitors (other than CEMS/COMS) associated with the emission unit provide:

Parameter Monitored: A description of what is being monitored (e.g. scrubber pH, chamber temperature.).

Unit of Measure: The unit of measure for the monitoring device (e.g. pH, deg F)

Monitoring Tool/Method: What kind of instrumentation will be used to do the monitoring (e.g. pH probe, thermocouple)

Monitoring Frequency: How often the monitor takes a reading (e.g., continuous, hourly, etc.)

Recording Frequency: How often the monitored reading is recorded and made part of the compliance record (e.g., continuously, hourly, once per shift).



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VII. Stack Data

How are the emissions released? Indicate if the emissions are fugitive or from a stack.

The following fields apply to stack emissions only.

Stack ID: The name or identifier for the exhaust point or stack for this unit (e.g. Stack #1).

Orientation: Indicate whether the stack releases vertically or horizontally.

Rain Cap: Indicate whether or not the stack is equipped with a rain cap.

Height (feet): The distance in feet from ground level to the top of the stack.

Inside Diameter (feet): The inside diameter of the stack at the exit point.

Gas Exit Flow Rate (acfm): The maximum volumetric flow rate of the exhaust in actual cubic feet per minute at the exit point of the stack.

Gas Exit Velocity (ft/sec): The maximum gas exit velocity of the exhaust in feet per second at the exit point of the stack.

Exit Temperature (deg F): The average temperature of the exhaust in degrees Fahrenheit at the exit point of the stack (not necessarily the exit point of the emission unit).

Section G: Incinerator

This section is for incineration units such as municipal waste combustors or crematoriums.

Emission Unit ID: Indicate the emission unit described by this section. The emission unit ID should correspond to the names/numbers listed in Section B – Source Overview. Fill in the ID at the top of each page associated with the emission unit.

I. Equipment Description

Incinerator Type: Describe the type of incinerator (e.g., crematory, veterinary, municipal waste, medical, etc.)

Waste Type: List the types of waste incinerated. Waste types are defined in *Definitions Regulation*, 06-096 C.M.R. ch. 100.

Manufacturer: Name of the unit manufacturer.

Model: The manufacturer's model number for the unit. Do not use the serial number.



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Date of Manufacture: Date when the emission unit was manufactured.

Date of Installation: Date when the emission unit was installed at this site.

Max Operating Capacity (ton/hr): The maximum processing rate for the unit.

Number of Chambers: The number of chambers in the incineration unit.

Max Combustion Rate (lb/hr or ton/hr): The maximum rate at which the unit combustions waste as specified by the manufacturer. Specify units.

Heat Recovery: Indicate whether the unit has heat recovery.

Retention Time of Exhaust Gas (seconds): The minimum amount of time gases remain in the combustion zone of the incinerator.

Automatic Feeder: Indicate whether the incinerator can be fed automatically.

40 CFR Part 60: Identify applicability and specific subparts.

40 CFR Part 63: Identify applicability and specific subparts.

II. Auxiliary Burners:

For any supplemental fuel fired in the unit, provide:

Fuel Type: Indicate if the fuel is oil, natural gas, propane, waste oil, etc. If oil, indicate the grade of oil (#2, #4, #6, etc.).

Sulfur %: Maximum percentage of sulfur (by weight) in the fuel used. Do not list the average sulfur content of the fuel supplied.

Max Firing Rate: The maximum fuel firing rate for all burners in this unit combined. Be sure to include units (e.g., gal/hr, cu feet/hr, ton/hr, etc.)

Temp Range: The temperature of the specified chamber in degrees Fahrenheit.

III. Control Equipment

For any air pollution control equipment associated with the emission unit, provide:

Type of Control Equipment: Describe the emission unit (e.g., electrostatic precipitator, baghouse, cyclone, scrubber, afterburner, etc.).

Manufacturer: Name of the unit manufacturer.



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Install Date: Date when the control was installed at this site.

Pollutant(s) Controlled: List the pollutant(s) that are controlled (e.g., PM, NO_x, VOC, etc.) for each control device.

Capture Efficiency (%): The minimum percent of total emissions from the emission unit that are captured by the ventilation/duct system.

Control Efficiency (%): The minimum percent reduction of the emissions that are conveyed to the control equipment.

IV. BPT/BACT

Indicate whether BACT was established less than 15 years ago or whether a BPT analysis has been included with the application.

V. Monitoring

- a. **CAM:** Indicate whether the emission unit is subject to Compliance Assurance Monitoring pursuant to 40 C.F.R. Part 64 and, if so, for which pollutant(s).
- b. **CEMS/COMS:** Indicate what certified continuous emission monitoring systems are installed on the unit's exhaust.
- c. **Parameter Monitors:** For any monitors (other than CEMS/COMS) associated with the emission unit provide:

Parameter Monitored: A description of what is being monitored (e.g. scrubber pH, chamber temperature.).

Unit of Measure: The unit of measure for the monitoring device (e.g. pH, deg F)

Monitoring Tool/Method: What kind of instrumentation will be used to do the monitoring (e.g. pH probe, thermocouple)

Monitoring Frequency: How often the monitor takes a reading (e.g., continuous, hourly, etc.)

Recording Frequency: How often the monitored reading is recorded and made part of the compliance record (e.g., continuously, hourly, once per shift).

VI. Stack Data

How are the emissions released? Indicate if the emissions are fugitive or from a stack.



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The following fields apply to stack emissions only.

Stack ID: The name or identifier for the exhaust point or stack for this unit (e.g. Stack #1).

Orientation: Indicate whether the stack releases vertically or horizontally.

Rain Cap: Indicate whether or not the stack is equipped with a rain cap.

Height (feet): The distance in feet from ground level to the top of the stack.

Inside Diameter (feet): The inside diameter of the stack at the exit point.

Gas Exit Flow Rate (acfm): The maximum volumetric flow rate of the exhaust in actual cubic feet per minute at the exit point of the stack.

Gas Exit Velocity (ft/sec): The maximum gas exit velocity of the exhaust in feet per second at the exit point of the stack.

Exit Temperature (deg F): The average temperature of the exhaust in degrees Fahrenheit at the exit point of the stack (not necessarily the exit point of the emission unit).

Section H: Liquid Organic Material Storage Tanks

This section is for storage tanks that do not meet the criteria in the appendices to 06-096 CMR 140 to be considered insignificant activities.

Emission Unit ID: Indicate the emission unit described by this section. The emission unit ID should correspond to the names/numbers listed in Section B – Source Overview. Fill in the ID at the top of each page associated with the emission unit.

I. Equipment Description

Material Stored: The type(s) of material stored in the tank (e.g., gasoline, aviation gas, ethanol, etc.).

Location: Indicate whether the vessel (tank) is above or below ground.

Type: Indicate the type of roof.

Date of Installation: Date when the tank was installed at this site.

Color: The external color of the tank.



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Height: The height above ground level of the tank (in feet).

Diameter: The diameter of the tank (in feet).

Capacity: The maximum capacity of the tank (in gallons).

Annual throughput: The average annual throughput for each material stored in the tank.

Loading Rack Used?: Indicate whether a loading rack is used to transfer material from the tank. If so, the loading rack should be included in Section I (Miscellaneous). List the Unit ID of the loading rack.

Loading/Transferring to: Indicate if the tank is used to transfer material to trucks, marine vessels, rail cars, or other mobile or stationary sources.

40 CFR Part 60: Identify applicability and specific subparts.

40 CFR Part 63: Identify applicability and specific subparts.

II. BPT/BACT

Indicate whether BACT was established less than 15 years ago or whether a BPT analysis has been included with the application.

III. Monitoring

- CAM:** Indicate whether the emission unit is subject to Compliance Assurance Monitoring pursuant to 40 C.F.R. Part 64 and, if so, for which pollutant(s).
- Parameter Monitors:** For any monitors (other than CEMS/COMS) associated with the emission unit provide:

Parameter Monitored: A description of what is being monitored (e.g. scrubber pH, chamber temperature.).

Unit of Measure: The unit of measure for the monitoring device (e.g. pH, deg F)

Monitoring Tool/Method: What kind of instrumentation will be used to do the monitoring (e.g. pH probe, thermocouple)

Monitoring Frequency: How often the monitor takes a reading (e.g., continuous, hourly, etc.)

Recording Frequency: How often the monitored reading is recorded and made part of the compliance record (e.g., continuously, hourly, once per shift).



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Section I: Miscellaneous Emission Unit

This section is for any equipment that does not fit any other category.

Emission Unit ID: Indicate the emission unit described by this section. The emission unit ID should correspond to the names/numbers listed in Section B – Source Overview. Fill in the ID at the top of each page associated with the emission unit.

I. Equipment Description

Type of Equipment: Describe the type of equipment (e.g. loading rack, parts washer, etc.).

Description: List any important details about the emission unit including size, capacity, processing rate, etc.

Type of Emissions: List any regulated air pollutants emitted from this unit.

Nature of Emissions: Describe the type and what is causing the emissions from this unit (e.g. fugitive dust, painting room, etc.).

Date of Manufacture: Date when the emission unit was manufactured.

Date of Installation: Date when the emission unit was installed at this site.

40 CFR Part 60: Identify applicability and specific subparts.

40 CFR Part 63: Identify applicability and specific subparts.

II. BPT/BACT

Indicate whether BACT was established less than 15 years ago or whether a BPT analysis has been included with the application.

III. Control Equipment

For any air pollution control equipment associated with the emission unit, provide:

Type of Control Equipment: Describe the emission unit (e.g., electrostatic precipitator, baghouse, cyclone, scrubber, afterburner, etc.).

Manufacturer: Name of the unit manufacturer.

Install Date: Date when the control was installed at this site.



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Pollutant(s) Controlled: List the pollutant(s) that are controlled (e.g., PM, NO_x, VOC, etc.) for each control device.

Capture Efficiency (%): The minimum percent of total emissions from the emission unit that are captured by the ventilation/duct system.

Control Efficiency (%): The minimum percent reduction of the emissions that are conveyed to the control equipment.

IV. Associated Chemical Usage:

For each chemical used in the process, which contains VOC or HAP, provide:

Chemical Name: The name of the type of chemical used, e.g., ink, blanket wash, paint, varnish, etc.)

Actual Usage: The average actual annual amount of chemical used in the process. Include units of gallons per year or pounds per year.

Density of Chemical: The density of the chemical compound in lb/gal.

Avg. Percent VOC: The average percentage of VOC in the chemical by weight.

List each HAP below: For each HAP contained in the chemical used, list the name and percent by weight.

Total HAP (lb/year): The total pounds of HAP emissions from this chemical type per year.

Total VOC (lb/year): The total pounds of VOC emissions from this chemical type per year.

V. Monitoring

- CAM:** Indicate whether the emission unit is subject to Compliance Assurance Monitoring pursuant to 40 C.F.R. Part 64 and, if so, for which pollutant(s).
- CEMS/COMS:** Indicate what certified continuous emission monitoring systems are installed on the unit's exhaust.
- Parameter Monitors:** For any monitors (other than CEMS/COMS) associated with the emission unit provide:

Parameter Monitored: A description of what is being monitored (e.g. scrubber pH, chamber temperature.).

Unit of Measure: The unit of measure for the monitoring device (e.g. pH, deg F)



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Monitoring Tool/Method: What kind of instrumentation will be used to do the monitoring (e.g. pH probe, thermocouple)

Monitoring Frequency: How often the monitor takes a reading (e.g., continuous, hourly, etc.)

Recording Frequency: How often the monitored reading is recorded and made part of the compliance record (e.g., continuously, hourly, once per shift).

VI. Stack Data

How are the emissions released? Indicate if the emissions are fugitive or from a stack.

The following fields apply to stack emissions only.

Stack ID: The name or identifier for the exhaust point or stack for this unit (e.g. Stack #1).

Orientation: Indicate whether the stack releases vertically or horizontally.

Rain Cap: Indicate whether or not the stack is equipped with a rain cap.

Height (feet): The distance in feet from ground level to the top of the stack.

Inside Diameter (feet): The inside diameter of the stack at the exit point.

Gas Exit Flow Rate (acfm): The maximum volumetric flow rate of the exhaust in actual cubic feet per minute at the exit point of the stack.

Gas Exit Velocity (ft/sec): The maximum gas exit velocity of the exhaust in feet per second at the exit point of the stack.

Exit Temperature (deg F): The average temperature of the exhaust in degrees Fahrenheit at the exit point of the stack (not necessarily the exit point of the emission unit).

Section J: Compliance Plan and Compliance Certification

Applications for initial Part 70 licenses and Part 70 license renewals must include a Compliance Plan and Compliance Certification pursuant to 06-096 C.M.R. ch. 140, §§ 2(B)(11) and (12).

For facilities that are applying to renew their current Part 70 license, the most recent annual compliance certification prepared in accordance with Standard Condition (13) of the facility's air emission license meets the majority of these requirements. This document must be included as an attachment to the renewal application.



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For facilities that are applying for their initial Part 70 license, a compliance plan that describes the facility's compliance status and methods used to determine compliance must be included as an attachment to the application.

The first four boxes in Sections J(I) or J(II) of the application, as applicable, must be checked. For facilities that are out of compliance with any applicable requirement, the fifth checkbox must also be checked and a narrative description and schedule for achieving compliance must be included as an attachment to the application.

Section K: Certification

All applications submitted to the Department must include a certification of truth, accuracy, and completeness with the signature and printed name of the responsible official. The Department must receive an original ink signature, no scans, photocopies, or emailed signatures can be accepted.

Section L: List of Attachments

Indicate any attachments that are included as part of the application and the attachment number.