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CHAPTER 115 MINERAL PROCESSING AIR EMISSION LICENSE APPLICATION FORMS

State of Maine
Department of Environmental Protection
Bureau of Air Quality
17 State House Station
Augusta, Maine 04333-0017
Phone: (207) 287-7688 Fax: (207) 287-7641

Section A: FACILITY INFORMATION

Owner or Operator (*Legal name as registered with the Secretary of State*):

Facility Site Name: _____

Facility Site Address (Physical, no post office boxes): _____

City/Town: _____ Zip Code: _____ County: _____

Facility Description (Check all that apply):

- Rock Crushers Asphalt Plant Concrete Plant

Application Description: _____

Current License #: A- _____ - _____ - _____ - _____

Check When Done:

All Sources

<input type="checkbox"/>	Application Completed
<input type="checkbox"/>	Copy Sent to Town (date sent: _____)
<input type="checkbox"/>	Public Notice Published paper name & date:
<input type="checkbox"/>	Enclosed Public Notice Tear Sheet
<input type="checkbox"/>	Signed Signatory Form (Section J)

Additional Requirements for New Sources

<input type="checkbox"/>	Schedule for construction or installation of equipment
<input type="checkbox"/>	Title, Right, or Interest (e.g. copy of deed or lease)
<input type="checkbox"/>	Check for Fee

For Department Use

Application #: A- _____ - _____ - _____ - _____

App Track #: _____

State of Maine DEP - Bureau of Air Quality
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Facility Contact:

Name: _____ Title: _____

Company: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

e-mail: _____

Application Contact:

Name: _____ Title: _____

Company: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

e-mail: _____

Billing Contact:

Name: _____ Title: _____

Company: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

e-mail: _____

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Section B1: STATIONARY FUEL BURNING EQUIPMENT

(List equipment such as boilers, hot water heaters, asphalt heaters, etc. Asphalt Plants are covered in Section D)

Emission Unit ID	Type of Equipment (boiler, water heater, etc.)	Maximum Design Heat Input Capacity	Maximum Firing Rate	Fuel Type	% Sulfur	Date of Manufacture	Date of Installation	Stack #
<i>Boiler #1 (Example)</i>	<i>asphalt heater (Example)</i>	<i>5.0 MMBtu/hr (Example)</i>	<i>35.7 gal/hr (Example)</i>	<i>#2 fuel oil (Example)</i>	<i>0.35% (Example)</i>	<i>1984 (Example)</i>	<i>1990 (Example)</i>	<i>#1 (Example)</i>

Section B2: INTERNAL COMBUSTION ENGINES

(List equipment such as generators, diesel drive units, etc. Do not list wheeled mobil equipment such as loaders, backhoes, trucks, etc.)

Emission Unit ID	Serial Number	Maximum Design Heat Input Capacity (MMBtu/hr)	Maximum Output Capacity (kW or Hp)	Maximum Firing Rate	Fuel Type	% Sulfur	Date of Manf	Date of Installation	Portable	Stationary	Spark Ignition Engines Only			
											2-Stroke	4-Stroke	Rich Burn	Lean Burn
<i>Generator #1 (Example)</i>	<i>123ABC456 (Example)</i>	<i>5.0 MMBtu/hr (Example)</i>	<i>512 kW (Example)</i>	<i>35.7 gal/hr (Example)</i>	<i>Diesel (Example)</i>	<i>0.0015% (Example)</i>	<i>1984 (Example)</i>	<i>1990 (Example)</i>	<i>X</i>			<i>X</i>	<i>X</i>	

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Section C: ROCK CRUSHERS

Emission Unit ID	Maximum Material Process Rate (ton/hr)	Powered By	Date of Manufacture	Date of Installation	Water Sprays Installed and Operational? (yes/no)	Date of Initial Performance Test
<i>Crusher #1 (Example)</i>	<i>150 ton/hr (Example)</i>	<i>Diesel Drive #2 (Example)</i>	<i>1990 (Example)</i>	<i>1994 (Example)</i>	<i>yes (Example)</i>	<i>7/28/12 (Example)</i>

Section D: ASPHALT PLANT

Equipment ID (i.e. equipment name)	
Plant Type (batch or continuous rotary drum)	
Maximum Finished Material Process Rate (ton/hr)	
Date of Manufacture (year)	
Date of Installation (year)	
Maximum Heat Input (MMBtu/hr)	
Fuel Type and Sulfur Content (Example: #2 fuel oil, 0.35%)	
Maximum Firing Rate (gal/hr)	
Control Device (Baghouse, Scrubber, etc.)	
Stack Flow Rate (acfm)	
Stack Exit Temperature (°F)	
PM Detector (Yes or No)	

Section E: CONCRETE PROCESSING

Batch Plants:

Emission Unit ID	Maximum Finished Material Process Rate (cu. yd./hour)	Date of Installation	Control Device
<i>Concrete Batch Plant #1 (Example)</i>	<i>60 cu. yd/hr (Example)</i>	<i>1994 (Example)</i>	<i>Baghouse #1 (Example)</i>

Storage Silos:

Emission Unit ID	Storage Capacity	Date of Installation	Control Device
<i>Storage Silo #1 (Example)</i>	<i>120 cu. yd. (Example)</i>	<i>1994 (Example)</i>	<i>Baghouse #1 (Example)</i>

Section F: ANNUAL FACILITY FUEL USE

Calendar Year of Actual Fuel Use	20_____	20_____
Fuel Type (diesel, #2 fuel oil, #6 fuel oil, etc.)		
Sulfur Content <i>(Example: 0.35%)</i>		
Actual Annual Fuel Usage (gallons)		

Section G: SOLVENT CLEANERS

(Also known as Parts Washers and/or Solvent Degreasers)

Emission Unit ID	Capacity (gallons)	Solvent Used	Solvent % VOC
<i>Degreaser #1 (Example)</i>	<i>15 (Example)</i>	<i>Kerosene (Example)</i>	<i>100% (Example)</i>

Section H: ADDITIONAL EQUIPMENT

Note: Use this section to describe any equipment, activities, or other air emission sources that did not fit in any of the above categories. Include descriptions of the associated emissions.

Equipment Description(s): _____

Section I: BPT/BACT AND OTHER ATTACHMENTS

BPT/BACT Analysis:

For a license renewal for existing equipment, the applicant is required to submit a Best Practical Treatment (BPT) analysis to the Department. A BPT analysis establishes what equipment or requirements are appropriate for control or reduction of emissions of regulated pollutants to the lowest possible level considering the existing state of technology, the effectiveness of available alternatives, and the economic feasibility.

For a new license or the addition of new equipment to an existing license, the applicant is required to submit a Best Available Control Technology (BACT) analysis. A BACT analysis is a top-down approach to selecting air emission controls. It is done on a case-by-case basis and develops emission limits based on the maximum degree of reduction for each pollutant emitted taking into account economic, environmental and energy impacts.

- I certify that, to the best of my knowledge, the control equipment, fuel limitations, and process constraints outlined in this application represent BPT / BACT for the equipment and processes listed.

OR

- I have attached a separate BPT / BACT analysis to this application.

Other Attachments:

Please list any attachments included with this application.

Section J: SIGNATORY REQUIREMENT

Each application submitted to the Department must include the following certification signed by a Responsible Official*:

"I certify under penalty of law that, based on information and belief formed after reasonable inquiry, I believe the information included in the attached document is true, complete, and accurate."

_____	_____
Responsible Official Signature	Date
_____	_____
Responsible Official (Printed or Typed)	Title

* A Responsible Official is defined by MEDEP Chapter 100 as:

- A. For a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:
 - (1) The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars); or
 - (2) The delegation of authority to such representatives is approved in advance by the permitting authority;
- B. For a partnership or sole proprietorship: a general partner or the proprietor, respectively;
- C. For a municipality, State, Federal, or other public agency: Either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of EPA).