



## Massachusetts Department of Environmental Protection

Bureau of Waste Prevention – Air Quality

**LPA FUEL & LPA PROCESS** (BWP AQ 01)

**CPA FUEL, CPA PROCESS & CPA CREMATORY** (Non-Major, BWP AQ 02)

**CPA FUEL & CPA PROCESS** (Major, BWP AQ 03)

## Instructions & Supporting Materials

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### Table of Contents

- Introduction
- Frequently Asked Questions
- Application Completeness Checklist

### Introduction

MassDEP *Air Quality Plan Applications* and *Instructions & Supporting Materials* are available for download from the MassDEP web site file formats: Microsoft Word™ and Adobe Acrobat PDF™. Either format allows documents to be printed.

*Instructions & Supporting Materials* files in Microsoft Word™ format provide guidance on how to prepare an Air Quality Plan Application.

*Air Quality Plan Applications* in Microsoft Word™ format must be downloaded separately. Users with Microsoft Word™ 97 or later may complete these forms electronically.

*Air Quality Plan Application* packages in Adobe Acrobat PDF™ format combine *Plan Applications* and *Instructions & Supporting Materials* in a single document. Adobe Acrobat PDF™ files may only be viewed and printed without alteration. *Air Quality Plan Applications* in this format may not be completed electronically.

### Frequently Asked Questions

#### What is the purpose of a Plan Approval?

MassDEP issues an approval of a Limited Plan Application (LPA) or Comprehensive Plan Application (CPA) (a Plan Approval) to limit increases in air contaminant emissions and protect public health, welfare and the environment. A plan application is required if you are proposing construction, substantial reconstruction, or alteration of a facility that has the potential to cause or contribute to a condition of air pollution. You must receive a written Air Quality Plan Approval from MassDEP before starting construction or installation of the emission unit(s) proposed in your plan application.

Regulations [310 CMR 7.02\(1\)](#), [7.02\(3\)](#), [7.02\(4\)](#), [7.02\(5\)](#), [7.02\(6\)](#) and [7.02\(8\)](#) provide the regulatory authority and the provisions you need to meet in order to obtain a written Plan Approval, as applicable, from MassDEP. The Legislature authorized these regulations in M.G.L. Chapter 111, Section 142 A - J. See the Plan Approval Overview & Applicability Tables for additional information.

#### Who must apply?

For specific information on when an application must be submitted for an Air Quality Plan Approval, see the Plan Approval Overview & Applicability Tables document on the MassDEP web site for additional information or refer to the regulations at [310 CMR 7.02\(4\)](#) and [7.02\(5\)](#). Please also see exemptions at [310 CMR 7.02\(2\)](#), Permit-by-Rule categories at [310 CMR 7.03](#), and Environmental Results Program (ERP) compliance certifications in lieu of written Plan Approval at [310 CMR 7.26](#).



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CPA FUEL, CPA PROCESS & CPA CREMATORY (Non-Major, BWP AQ 02)

CPA FUEL & CPA PROCESS (Major, BWP AQ 03)

### Instructions & Supporting Materials

---

**Note:** You should contact the appropriate [MassDEP Regional Office](#) early in the process of preparing to apply for a Plan Approval. A pre-application conference can save you time, spare you frustration, and often results in faster processing by the agency. If you submit an application without scheduling such a meeting, MassDEP may require one, anyway, before it can determine whether your application is administratively complete.

#### What other requirements should be considered when applying for a Plan Approval?

- Carefully examine the Massachusetts Environmental Policy Act (MEPA) Regulations (301 CMR 11.00) to determine if your proposed project exceeds MEPA review thresholds. MassDEP cannot complete technical review of the plan application until the MEPA process has been concluded. Copies of MEPA filings (with reference to any applicable Transmittal numbers) should be sent to the appropriate MassDEP program offices in Boston and the MEPA Coordinator in the appropriate [Regional Office](#). Contact the MEPA Unit of the Executive Office of Energy & Environmental Affairs at 617-727-5830 for additional information.
- Must the proposed project be approved by the Energy Facilities Siting Board (EFSB) (M.G.L. Chapter 164, 980 CMR 1.00-11.00)?
- Does the proposed project meet the criteria established in [310 CMR 7.02\(6\)](#) Aggregating Emissions?
- Is the proposed project subject to New Source Performance Standards (40 CFR 60) or National Emission Standards for Hazardous Air Pollutants (40 CFR 61 and 63)?
- If you are submitting a Major Comprehensive Plan Application, MassDEP requires that you include ambient air quality modeling with your plan application. The agency may also require modeling for other projects. If ambient air quality modeling is required for your project, you must submit a copy to:

MassDEP Air Quality Data & Planning  
Meteorology & Modeling Department  
1 Winter Street  
Boston, MA 02108

See the MassDEP Modeling Guidance for Significant Stationary Sources of Air Pollution:  
<http://www.mass.gov/dep/air/policies.htm#modeling>

- If the proposed project triggers Prevention of Significant Deterioration (PSD) review pursuant to federal regulations 40 CFR Part 52 section 52.21 implemented by MassDEP, we will work with you to identify and satisfy additional application and notification requirements.
- If the proposed project is required to be approved under [310 CMR 7.00](#): Appendix A, the facility will need to obtain offset emissions and demonstrate compliance with the Lowest Achievable Emission Rate (LAER) requirement.
- If your project requires a site assignment under M.G.L. Chapter 111, Section 150A, M.G.L. Chapter 111 Section 150B or M.G.L. Chapter 21D, MassDEP cannot issue a Plan Approval until you have obtained it.

**Note:** This list is intended to serve as a guide and may not necessarily include all additional requirements.



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**CPA FUEL & CPA PROCESS** (Major, BWP AQ 03)

### Instructions & Supporting Materials

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#### What is the application fee?

Permit Code BWP AQ 01	\$525
<b>Limited Plan Application</b>	
LPA FUEL	
LPA PROCESS	
Permit Code BWP AQ 02	\$1,930
<b>Non-Major Comprehensive Plan Application</b>	
CPA FUEL	
CPA PROCESS	
CPA CREMATORY	
Permit Code BWP AQ 03	\$19,780
<b>Major Comprehensive Plan Application</b>	
CPA FUEL	
CPA PROCESS	

#### Where do I send my completed plan application?

Your completed plan application, along with any supplemental or pollution control device forms that may be required, must be submitted **in duplicate** to the appropriate [MassDEP Regional Office](#) for review and, if merited, approval.

Upon approval, MassDEP will stamp the second copy of the plan application and return it to you so both you and the agency will have identical copies of the Plan Approval. If the application is subject to a federally mandated public comment period, pursuant to 40 CFR Part 52 section 52.21 (PSD) or [310 CMR 7.00](#) Appendix A (Non-Attainment Review), you will be required to submit a copy of the entire application (with any revisions) to EPA.

#### Where can I get a copy of the review timelines?

The timelines are available at: <http://www.mass.gov/dep/service/online/fees.htm>

#### What is the annual compliance fee?

The annual compliance assurance fee is dependent on the facility-wide potential emissions. Please consult 310 CMR 4.03 (Table 4.03) for more information. If you fail to pay the annual compliance fee, your Plan Approval could be suspended or revoked.

#### How long does a Plan Approval remain in effect?

A Plan Approval is in effect for the useful life of the approved emission unit(s) even if there is a change in ownership, or until the project approved by this action is substantially reconstructed or altered or if MassDEP determines that air contaminant emission reductions beyond those contained in the issued Plan Approval are necessary, at which time a new approval will be required.



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Bureau of Waste Prevention – Air Quality

**LPA FUEL & LPA PROCESS** (BWP AQ 01)

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**CPA FUEL & CPA PROCESS** (Major, BWP AQ 03)

### Instructions & Supporting Materials

---

#### How can I avoid the most common mistakes made in applying for this Plan Approval?

- Answer all questions on each required form or indicate "N/A" (not applicable) where appropriate.
- Submit additional pages of technical information and additional tables, as needed with each required Form you submit.
- Submit two copies of the application to the regional office for review.
- Make sure a Professional Engineer registered in Massachusetts signs and stamps the application (Comprehensive Plan Application, [310 CMR 7.02\(5\)\(c\)](#)), providing his/her registration number and field of concentration.
- Submit a "sign off" from any other agency necessary prior to the submittal of an application. For example, MEPA, the Massachusetts Historical Commission, MDPU, EFSB, etc.
- Submit the proper fee and one copy of the MassDEP Transmittal Form (including the correct Permit Code) to:

Department of Environmental Protection  
P. O. Box 4062  
Boston, MA 02211

#### What are the regulations that apply to these Plan Approvals? Where can I get copies?

These regulations include, but are not limited to:

- Air Pollution Control Regulations, 310 CMR 6.00 to 8.00.
- Timely Action & Fee Provisions, 310 CMR 4.00.
- Administrative Penalty Regulations, 310 CMR 5.00.

Copies of these regulations may be purchased from:

State House Bookstore  
State House, Room 116  
Boston, MA 02133  
617-727-2834

State House West Bookstore  
436 Dwight Street  
Springfield, MA 01103  
413-784-1376



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### Instructions & Supporting Materials

---

#### Application Completeness Checklist

- Complete the Transmittal Form: <http://mass.gov/dep/service/online/trasmfrm.shtml>
- Complete each applicable Form.
- Answer all questions (or insert N/A where appropriate).
- Attach additional pages of technical information, as needed, to each applicable Form.
- The appropriate responsible official has signed the application, even if you hired an agent/consultant to complete the application. See definitions at [310 CMR 7.00](#).
- A copy of the Massachusetts Environmental Policy Act (MEPA) "sign off" is attached if you were required to submit an Environmental Notification Form (ENF) and/or an Environmental Impact Review (EIR). See the MEPA regulations at 301 CMR 11.00. MassDEP cannot issue the Plan Approval until MEPA certification is obtained.

#### Additional Checklist for CPA FUEL, CPA PROCESS & CPA CREMATORY Forms:

- A Professional Engineer registered in Massachusetts has attested to the accuracy of the submitted information, signed the application, and imprinted his/her seal on it.
- If required, a copy of the Energy Facility Siting Board (EFSB) letter approving the project is attached. MassDEP cannot issue a Plan Approval without this, if required.

#### To submit the application package:

- Be sure that all applicable checklist items have been completed.
- Send two copies of the fully completed application package along with two copies of the MassDEP Transmittal form to:

Department of Environmental Protection

\_\_\_\_\_ \* Regional Office

Air Quality Control

\*Find your region: <http://mass.gov/dep/about/region/findyour.htm>

- Submit the appropriate fee (ensuring that the correct Permit Code is included on the Transmittal Form):

\$525 - LPA FUEL or LPA PROCESS (Permit Code BWP AQ 01)

\$1,930 - CPA FUEL or CPA PROCESS or CPA CREMATORY (Non-Major, BWP AQ 02)

\$19,780 - CPA FUEL or CPA PROCESS (Major, BWP AQ 03)

Mail payment in the form of a check or money order made payable to Commonwealth of Massachusetts, along with one copy of the MassDEP Transmittal Form, to:

Department of Environmental Protection

P.O. Box 4062

Boston, MA 02211





# LPA-PROCESS (BWP AQ 01)

## Limited Plan Application for Process Emission Unit(s)

For process equipment emitting at least 1 ton but less than 10 tons of an air contaminant per consecutive 12-month time period.

Transmittal Number \_\_\_\_\_

Facility ID (if known) \_\_\_\_\_

### B. Equipment Description

Note that per 310 CMR 7.02, MassDEP can issue a Plan Approval only for proposed Emission Unit(s) with air contaminant emissions that are representative of Best Available Control Technology (BACT). See Section D: Best Available Control Technology (BACT) Emissions and the MassDEP BACT Guidance at ([link to be determined](#)).

1. Is this proposed project modifying previously approved equipment?  Yes  No

If Yes, list pertinent Plan Approval(s):

2. Is this proposed project replacing previously approved equipment?  Yes  No

If Yes, list pertinent Plan Approval(s):

3. Provide a description of the proposed project, including relevant parameters (including but not limited to operating temperature and pressure) and associated air pollution controls, if any:

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4. Complete the table(s) below to summarize the details of each Emission Unit being proposed.

Table 2A			
Facility-Assigned Identifying Number for Proposed Equipment (Emission Unit No.)	Description of Proposed Equipment Including Manufacturer & Model Number or Equivalent (e.g. Acme Coating, Model No. 123AB)	Air Contaminants	Potential Emissions <sup>1</sup> , Uncontrolled in Tons per Consecutive 12-Month Time Period <sup>2</sup>
		PM <sup>3</sup>	
		VOC	
		HAP (Individual)	
		HAPs (Total)	
		CO <sub>2</sub> :	
		Other:	

<sup>1</sup> Per 310 CMR 7.02, if the potential emissions, uncontrolled are 10 tons or more per consecutive 12-month time period, MassDEP reserves the right to require the proponent to file a Comprehensive Plan Application for the proposed project.

<sup>2</sup> Potential emissions based on worst case raw material (e.g. coating) using maximum application rate and no air pollution control equipment (see Section F, Record Keeping).

<sup>3</sup> PM includes particulate matter having a diameter of 10 microns or less (PM<sub>10</sub>) and particulate matter having a diameter of 2.5 microns or less (PM<sub>2.5</sub>).



**Massachusetts Department of Environmental Protection**  
 Bureau of Waste Prevention – Air Quality

**LPA-PROCESS (BWP AQ 01)**

**Limited Plan Application for Process Emission Unit(s)**

For process equipment emitting at least 1 ton but less than 10 tons of an air contaminant per consecutive 12-month time period.

Transmittal Number \_\_\_\_\_

Facility ID (if known) \_\_\_\_\_

**B. Equipment Description (continued)**

Table 2B			
Facility-Assigned Identifying Number for Proposed Equipment (Emission Unit No.)	Description of Proposed Equipment Including Manufacturer & Model Number or Equivalent (e.g. Acme Coating, Model No. 123AB)	Air Contaminants	Potential Emissions, Uncontrolled in Tons per Consecutive 12-Month Time Period
		PM	
		VOC	
		HAP (Individual)	
		HAPs (Total)	
		CO <sub>2</sub> :	
		Other:	

**Note:** If you are proposing more than three Emission Units, complete additional copies of these tables.

Table 2C			
Facility-Assigned Identifying Number for Proposed Equipment (Emission Unit No.)	Description of Proposed Equipment Including Manufacturer & Model Number or Equivalent (e.g. Acme Coating, Model No. 123AB)	Air Contaminants	Potential Emissions, Uncontrolled in Tons per Consecutive 12-Month Time Period
		PM	
		VOC	
		HAP (Individual)	
		HAPs (Total)	
		CO <sub>2</sub> :	
		Other:	

**Continue to Next Page ►**



**Massachusetts Department of Environmental Protection**  
 Bureau of Waste Prevention – Air Quality

**LPA-PROCESS (BWP AQ 01)**

**Limited Plan Application for Process Emission Unit(s)**

For process equipment emitting at least 1 ton but less than 10 tons of an air contaminant per consecutive 12-month time period.

Transmittal Number \_\_\_\_\_

Facility ID (if known) \_\_\_\_\_

**B. Equipment Description (continued)**

5. Are you proposing an Air Pollution Control Device (PCD)?  Yes  No

If Yes, complete the table(s) below to summarize the details of each PCD being proposed.

**Note:** If you are proposing one or more Air Pollution Control Devices (PCDs), you must also submit the applicable Supplemental Form(s). See Page 5 for additional information.

Table 3A					
Description of Air Pollution Control Device (PCD) Including Make & Model or Equivalent	Emission Unit No. Served by PCD	Air Contaminant(s) Controlled	Capture Efficiency (CE), Percent by Weight (CE is Presumed to be 100% Based on Permanent Total Enclosure (PTE), 40 CFR 51 Appendix B Method 204)	Destruction/Collection Efficiency (DE) (Percent by Weight)	Overall Control (Percent by Weight (CE*DE)/100)
		PM <sup>1</sup>			
		VOC			
		HAPs			
		Other:			

<sup>1</sup> PM includes particulate matter having a diameter of 10 microns or less (PM<sub>10</sub>) and particulate matter having a diameter of 2.5 microns or less (PM<sub>2.5</sub>).

**Note:** If you are proposing more than two Air Pollution Control Devices (PCDs), complete additional copies of these tables.

Table 3B					
Description of Air Pollution Control Device (PCD) Including Make & Model or Equivalent	Emission Unit No. Served by PCD	Air Contaminant(s) Controlled	Capture Efficiency (CE), Percent by Weight (CE is Presumed to be 100% Based on Permanent Total Enclosure (PTE), 40 CFR 51 Appendix B Method 204)	Destruction/Collection Efficiency (DE) (Percent by Weight)	Overall Control (Percent by Weight (CE*DE)/100)
		PM			
		VOC			
		HAPs			
		Other:			



**Massachusetts Department of Environmental Protection**  
 Bureau of Waste Prevention – Air Quality

**LPA-PROCESS (BWP AQ 01)**

**Limited Plan Application for Process Emission Unit(s)**

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Transmittal Number \_\_\_\_\_

Facility ID (if known) \_\_\_\_\_

**B. Equipment Description (continued)**

**Supplemental Forms Required**

If you are proposing one or more PCDs, you will also need to submit the applicable form(s) below.

<b>If Your Project Includes:</b>	<b>You Must File Form(s):</b>
Wet or Dry Scrubbers	BWP AQ Scrubber
Cyclone or Inertial Separators	BWP AQ Cyclone
Fabric Filter	BWP AQ Baghouse/Filter
Adsorbers	BWP AQ Adsorption Equipment
Afterburner	BWP AQ Afterburner/Oxidizer
Electrostatic Precipitators	BWP AQ Electrostatic Precipitator
Selective Catalytic Reduction	BWP AQ Selective Catalytic Reduction
Sorbent/Reactant Injection	BWP AQ Sorbent/Reactant Injection

**C. Stack Description**

Complete the table below to summarize the details of the proposed project's stack configuration.

**Note:** Discharge must meet Good Air Pollution Control Engineering Practice. When designing stacks, special consideration must be given to nearby structures and terrain to prevent emissions downwash and adverse impacts upon sensitive receptors. Stack must be vertical, must not impede vertical gas flow, and must be a minimum of 10 feet above rooftop or fresh air intake, whichever is higher.

<b>Table 4</b>						
<b>Emission Unit No.</b>	<b>Stack Height Above Ground (Feet)</b>	<b>Stack Height Above Roof (Feet)</b>	<b>Stack Exit Diameter or Dimensions (Feet)</b>	<b>Exhaust Gas Exit Temperature Range (Degrees Fahrenheit)</b>	<b>Exhaust Gas Exit Velocity Range (Feet per Second)</b>	<b>Stack Liner Material</b>



**Massachusetts Department of Environmental Protection**  
 Bureau of Waste Prevention – Air Quality

**LPA-PROCESS (BWP AQ 01)**

**Limited Plan Application for Process Emission Unit(s)**

For process equipment emitting at least 1 ton but less than 10 tons of an air contaminant per consecutive 12-month time period.

Transmittal Number \_\_\_\_\_

Facility ID (if known) \_\_\_\_\_

**D. Best Available Control Technology (BACT) Emissions**

Complete the table(s) below to summarize the proposed project's BACT emissions.

Table 5A				
Emission Unit No.	Air Contaminant	BACT Emission Limit in Mass per Unit Time (Utilizing Overall Control Efficiency from Corresponding Table 3, if Applicable - e.g. Pounds per Hour)	Proposed Consecutive 12-Month Time Period Emissions Restriction (Tons)	Proposed Monthly Emissions Restrictions (Tons)
	PM <sup>1</sup>			
	VOC			
	HAP (Individual)			
	HAPs (Total)			
	CO <sub>2</sub>			
	Other:			

<sup>1</sup> PM includes particulate matter having a diameter of 10 microns or less (PM<sub>10</sub>) and particulate matter having a diameter of 2.5 microns or less (PM<sub>2.5</sub>).

Table 5B				
Emission Unit No.	Air Contaminant	BACT Emission Limit in Mass per Unit Time (Utilizing Overall Control Efficiency from Corresponding Table 3, if Applicable - e.g. Pounds per Hour)	Proposed Consecutive 12-Month Time Period Emissions Restriction (Tons)	Proposed Monthly Emissions Restrictions (Tons)
	PM			
	VOC			
	HAP (Individual)			
	HAPs (Total)			
	CO <sub>2</sub>			
	Other:			



# LPA-PROCESS (BWP AQ 01)

## Limited Plan Application for Process Emission Unit(s)

For process equipment emitting at least 1 ton but less than 10 tons of an air contaminant per consecutive 12-month time period.

Transmittal Number \_\_\_\_\_

Facility ID (if known) \_\_\_\_\_

### D. Best Available Control Technology (BACT) Emissions (continued)

**Note:** If you are proposing more than three Emission Units, complete additional copies of these tables.

Table 5C				
Emission Unit No.	Air Contaminant	BACT Emission Limit in Mass per Unit Time (Utilizing Overall Control Efficiency from Corresponding Table 3, if Applicable - e.g. Pounds per Hour)	Proposed Consecutive 12-Month Time Period Emissions Restriction (Tons)	Proposed Monthly Emissions Restrictions (Tons)
	PM			
	VOC			
	HAP (Individual)			
	HAPs (Total)			
	CO <sub>2</sub>			
	Other:			

### E. Monitoring Procedures

Complete the table below to summarize the details of the proposed project's monitoring procedures.

Table 6			
Emission Unit No.	Type or Method of Monitoring (e.g. Flow Meter)	Parameter Monitored	Frequency of Monitoring

Continue to Next Page ►



# LPA-PROCESS (BWP AQ 01)

## Limited Plan Application for Process Emission Unit(s)

For process equipment emitting at least 1 ton but less than 10 tons of an air contaminant per consecutive 12-month time period.

Transmittal Number \_\_\_\_\_

Facility ID (if known) \_\_\_\_\_

### F. Record Keeping Procedures

Complete the table below to summarize the details of the proposed project's record keeping procedures. Proposed record keeping procedures need to be able to demonstrate your compliance status with regard to all limitations/restrictions proposed herein. Record keeping may include, but is not limited to, hourly or daily logs, meter charts, time logs, purchase records, raw material records, etc.

Table 7			
Emission Unit No.	Parameter (e.g. Material Usage)	Record Keeping Procedures (e.g. Data Logger or Manual)	Frequency of Data Record (e.g. Hourly, Daily)

Examples of emissions calculations for record keeping purposes:

- Worst case coating/ink/other contains 6.0 lbs of **VOC**/gallon
- Process application rate = 3.0 gallons of coating /ink/other applied per hour
- Process operates 1,000 hours per consecutive 12-month time period

3.0 gals/hour X 6.0 lbs of **VOC**/gal X 1000 hours per consecutive 12-month time period X 1 ton/2,000 lbs = 9.0 tons of **VOC** per consecutive 12-month time period

-or-

Same process, utilizing 3,100 gallons per consecutive 12-month time period

3,100 gal/year X 6.0 lbs **VOC**/gal X 1 ton/2,000 lbs = 9.3 tons of **VOC** per consecutive 12-month time period

### G. Additional Information Checklist

Attach a specific facility description and the following required additional information that MassDEP needs to process your application. Check the box next to each item to ensure that your application is complete.

- Plot Plan
- Equipment Manufacturer Specifications (Material Safety Data Sheets, Technical Data Composition Sheets, etc.)
- Equipment Standard Operating Procedures
- Equipment Standard Maintenance Procedures, Including Cleaning Method & Frequency
- Calculations to Support This Plan Application
- Other (e.g., Roof Plan, Floor Plan, Topographic Map) - Specify:
- BWP AQ BACT Form, if not proposing Top-Case BACT



**Massachusetts Department of Environmental Protection**  
Bureau of Waste Prevention – Air Quality

**LPA-PROCESS (BWP AQ 01)**

**Limited Plan Application for Process Emission Unit(s)**

For process equipment emitting at least 1 ton but less than 10 tons of an air contaminant per consecutive 12-month time period.

\_\_\_\_\_  
Transmittal Number

\_\_\_\_\_  
Facility ID (if known)

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**H. Other Regulatory Considerations**

Indicate below whether the proposed project is subject to any additional regulatory requirements.

310 CMR 7.00: Appendix A Nonattainment Review, or is netting used to avoid review under 310 CMR 7.00 Appendix A or 40 CFR 52.21?  Yes  No

40 CFR 60: New Source Performance Standards (NSPS)?  Yes  No

If Yes: Which subpart? Applicable emission limitation(s):

40 CFR 61: National Emission Standards for Hazardous Air Pollutants (NESHAPS)  Yes  No

If Yes: Which subpart? Applicable emission limitation(s):

40 CFR 63: NESHAPS for Source Categories – Maximum Achievable (MACT) or Generally Available (GACT) Control Technology  Yes  No

If Yes: Which subpart? Applicable emission limitation(s):

301 CMR 11.00: Massachusetts Environmental Policy Act (MEPA)?  Yes  No

If Yes: EOEA No.:

Other Applicable Requirements?  Yes  No

If Yes: Specify:

Facility-Wide Potential-to-Emit Hazardous Air Pollutants (HAPS):  Major\*  Non-Major

\*A Major source has a facility-wide potential-to-emit of 25 tons per year or more of the sum of all hazardous air pollutants or 10 tons per year or more of any individual hazardous air pollutant.

**Continue to Certification by Responsible Official ►**



**Massachusetts Department of Environmental Protection**  
Bureau of Waste Prevention – Air Quality

**LPA-PROCESS (BWP AQ 01)**

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Transmittal Number

Facility ID (if known)

**I. Certification by Responsible Official**

The signature below provides the affirmative demonstration pursuant to 310 CMR 7.02(4)(d)5 that any facility(ies) in Massachusetts, owned or operated by the proponent for this project (or by an entity controlling, controlled by or under common control with such proponent) that is subject to 310 CMR 7.00, et seq., is in compliance with, or on a MassDEP approved compliance schedule to meet, all provisions of 310 CMR 7.00, et seq., and any plan approval, order, notice of noncompliance or permit issued thereunder. This Form must be signed by a Responsible Official working at the location of the proposed new or modified facility. Even if an agent has been designated to fill out this Form, the Responsible Official must sign it. (Refer to the definition given in 310 CMR 7.00.)

**I certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment.**

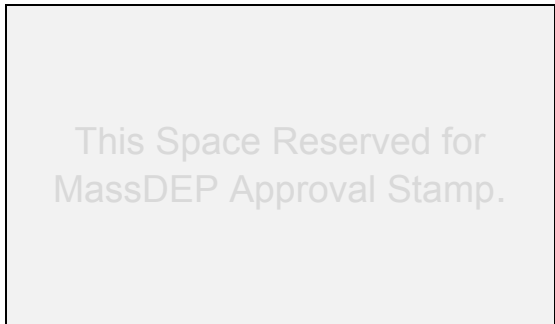
Responsible Official Name (Type or Print)

Responsible Official Signature

Responsible Official Title

Responsible Official Company/Organization Name

Date (MM/DD/YYYY)



**Continue to Energy Efficiency Evaluation Survey ►**



**Massachusetts Department of Environmental Protection**  
Bureau of Waste Prevention – Air Quality

**LPA-PROCESS (BWP AQ 01)**

**Limited Plan Application for Process Emission Unit(s)**

For process equipment emitting at least 1 ton but less than 10 tons of an air contaminant per consecutive 12-month time period.

\_\_\_\_\_  
Transmittal Number

\_\_\_\_\_  
Facility ID (if known)

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**J. Energy Efficiency Evaluation Survey**

1. Do you know where your electricity and/or fuel and/or water and/or heat and/or compressed air is being used/consumed?  Yes  No
  
2. Has your facility had an energy audit performed by your utility supplier (or other) in the past two years?<sup>1</sup>
  - a. Did the audit include evaluations for heat loss, lighting load, cooling requirements and compressor usage?  Yes  No
  
  - b. Did the audit influence how this project is configured?  Yes  No
  
3. Does your facility have an energy management plan?
  - a. Have you identified and prioritized energy conservation opportunities?  Yes  No
  
  - b. Have you identified opportunities to improve operating and maintenance procedures by employing an energy management plan?  Yes  No
  
4. Has each emission unit proposed herein been evaluated for energy consumption including average and peak electrical use; efficiency of electric motors and suitability of alternative motors such as variable speed; added heat load and/or added cooling load as a result of the operation of the proposed process; added energy load due to building air exchange requirements as a result of exhausting heat or emissions to the ambient air; and/or use of compressors?  Yes  No
  
5. Has your facility considered alternative energy methods such as solar, geothermal or wind power as a means of supplementing all or some of the facility's energy demand?  Yes  No
  
6. Does your facility comply with Leadership in Energy & Environmental Design (LEED) Green Building Rating System design recommendations?<sup>2</sup>  Yes  No

<sup>1</sup>A facility wide energy audit would include an inspection of such things as lighting, air-conditioning, heating, compressors and other energy-demand equipment. It would also provide you with information on qualifying equipment rebates and incentive programs; analysis of your energy consumption patterns and written cost-savings recommendations and estimated cost savings for installing new, high-efficiency equipment.

<sup>2</sup>To understand the LEED Rating System, it is important to become familiar with its comprising facets. To be considered for LEED New Construction and Major Renovations, a building must meet specific prerequisites and additional credit areas within six categories:

- Sustainable Sites
- Indoor Environmental Quality
- Materials and Resources
- Energy and Atmosphere
- Water Efficiency
- Innovation and Design