



**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

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## Table of Contents

- Introduction
- Transition Schedule
- General Instructions
- FAQ
- Appendix A: Summary of Applicable Requirements
- Appendix B: Tables to Supplement Appendix C

## Introduction

The purpose of an Operating Permit is to compile all approvals, permits and requirements relating to air pollution for a facility in one enforceable permit.

Operating Permits were mandated for major sources of air pollution by the Clean Air Act Amendments of 1990. Massachusetts implements this program in 310 CMR 7.00: Appendix C of its Air Pollution Control Regulations.

The Operating Permit (OP) application is, essentially, a compilation of information about all Emission Units, existing approvals and applicable requirements for those units at the facility.

Although there are some exceptions in terms of mandatory emissions reporting for equipment that it legitimately exempt from the OP program, the OP application is likely to cover all of the facility's emission units subject to Source Registration reporting under 310 CMR 7.12.

An OP, in itself, will not impose any additional restrictions or limitations on operations at the facility, except that you may choose to propose alternative limits for purposes of flexible operations or to restrict allowable emissions and MassDEP may need to add compliance monitoring terms to the OP to fill monitoring gaps.

Be advised that existing limits on a facility (particularly those in a plan approval issued pre-1990) may be found unenforceable due to the nature of the limit, the method of limitation or the monitoring of the limit. In such cases, the existing limit may have to be modified to remedy such a deficiency. Such modifications, however, will be done to achieve an equivalent, but federally enforceable, limit.

Construction, substantial reconstruction or alteration at a facility that triggers plan review under 310 CMR 7.02(4) or (5), or installation certification under 310 CMR 7.26 cannot be approved under the OP program alone. Such actions and associated requirements may be incorporated into the OP during renewal or modification, after MassDEP issues a Plan Approval or you complete an ERP certification.

Not all questions asked or tables in the OP application will be relevant to all facilities. For example, an emission unit may not have any operating restrictions. However, do not leave any spaces blank. In those cases where the question or table is not relevant, enter "Not Applicable" in the space provided.

## January 2020 Update

The Operating Permit forms have been modified to simplify the process of sharing a form between the person preparing the form, the applicant, and the Responsible Official or "Permittee". These instructions have been updated accordingly



**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
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Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

---

In order to implement the new forms in ePLACE, MassDEP created an Approval Record (also called Authorization) for each of the existing Air Operating Permits. The information entered into the system includes the name and address of the facility, the names, address, phone number and email of the Facility Contact and the expiration date of the existing approval. By creating this record, Title V sources will have the opportunity to use ePLACE to complete modification forms as well as their next renewal application. The existing paper forms will no longer be used.

As previously stated, the Facility Contact will get a letter with a PIN number that will allow them to connect their account to the Approval/Authorization. When they do so, they will see their record under “My Records” on their Home page in ePLACE. To the right of each record there will be action links including “Amendment” and “Renew” or both.

- The “Amendment” link will take the person to a page that will ask if the person wants to complete an Administrative Amendment, Minor Modification or Significant Modification. The selection of the amendment type will bring up the appropriate form.
- The “Renewal” link will take a person to the Renewal Application form.

**VERY IMPORTANT- The first time a Minor Modification, Significant Modification, or Renewal application is prepared, ALL of the data from the existing operating permit must be provided. MassDEP can provide your organization with a Word version of its existing Approval so that you may more easily “cut and paste” to complete the form.**

All applications for an Initial OP should be made through ePLACE. Until the Initial application is approved, paper forms must be used for Administrative Amendments, Minor modifications and Significant Modifications at that facility.

### **Who must apply?**

The owner or operator of a facility with facility-wide potential emissions that equal or exceed the following threshold quantities is required to apply for an OP:

- 50 tons per year of VOC
- 50 tons per year of NO<sub>x</sub>
- 10 tons per year of a single Hazardous Air Pollutant
- 25 tons per year of all Hazardous Air Pollutants combined
- 100 tons per year of any other pollutant

An OP is also required for a facility with lesser potential emissions based on federal regulation. This includes facilities subject to the Acid Rain Program, any solid waste incinerator, and municipal solid waste landfills with greater than a certain design capacity.

### **Pre-Application Consultation**

You should contact the appropriate MassDEP Regional Office early in the process of preparing to apply for an Initial OP. A pre-application conference can save you time in preparing the application and often results in faster processing by the agency. If you submit an application without scheduling such a meeting, MassDEP may require one before it can determine whether your application is administratively complete.



**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

---

Find Your Region: <https://www.mass.gov/doc/massdep-office-locations-phone-numbers-and-communities-served-by-region-0/download> and <https://www.mass.gov/guides/massdep-operating-permit-compliance-program>

### **General Instructions**

The application is an online form that can be found at: <https://permitting.state.ma.us/CitizenAccess>.

You will need to create an account to access the form. Screen by screen instructions to assist you in completing an application are available at: <https://www.mass.gov/doc/online-filing-screen-by-screen-operating-permits/download>

Please note that when completing the form online, every field highlighted with a red asterisk must be completed to enable moving on to the next page (screen) in the form. A number of fields are NOT marked as “required” but may be necessary in context for MassDEP staff to determine whether the application is administratively or technically complete. Please make sure that your application is as complete as possible before filing. Do not assume that a data element is not necessary because it does not have a red asterisk next to it.

To implement the January 2020 changes, a PIN Letter will be sent to the Facility Contact for each Existing Operating Permit. The first time the renewal application is opened using this PIN number, the applicant will be able to add other contacts to the list of people who should be able to access the application and assist in its preparation. For an Initial Application, the person starting the application has the same opportunity to indicate other parties who can have access to the application.

You can cut and paste information from your currently effective permit to save time in data entry. Copy information from your currently effective permit as appropriate and paste the information into the appropriate data field. Most text fields will accept entries of 500 characters (including spaces).

The following provides general instruction on the forms by section. Again, screen by screen instructions are available at: <https://www.mass.gov/doc/online-filing-screen-by-screen-operating-permits/download> .

### **Step 1. Contact Information**

The person who starts an application (the first person to work on it) must identify and assign roles for all other people who may work on the application, from among ePLACE registered users. This includes the Applicant (Permittee or Responsible Official). The Permittee and Preparer should also decide who the Submitter will be. The Submitter is the person who will have access to edit the application after submittal if MassDEP determines that more information is needed for the review or if the application is deficient. The Submitter is designated at the end of the form preparation process.

In order to complete this part of the form, each person identified and selected MUST already have an ePLACE account. The person setting up the roles will need to pick from registered users and cannot create a user via this form.

Once the form is saved, the users listed during Step 1 will have access to the form and may actively participate in its preparation.



**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

---

## Step 2. Facility Information

Select the Facility from those available in the system. It is best to search by address. If the Facility Address or Name does not match the current situation, please contact the MassDEP regional office to have corrections made in the state's Facility Master File before proceeding further.

## Step 3. Application Information

### *General*

The application is programmed to show or hide pages based on responses in the first few pages.

The first page of the Application Information contains a link to these and other Instructional Materials.

On the next page, provide some general facility information such as a description of the facility, the primary SIC or NAICS Code and the reason why the facility is subject to the OP Program.

For more information about SIC Codes, see <https://www.osha.gov/pls/imis/sicsearch.html>

For more information on NAICS see <https://www.census.gov/eos/www/naics/index.html>

See 310 CMR 7.00, Appendix C (2) for more details relative to OP Applicability.

### *Applicable Regulations*

On page 3 of the application the applicant will identify all of the applicable Federal and State air regulations, first by emission unit, then facility-wide. In this section, select regulation citations. Do not include specific applicable requirements of the regulations, or permit conditions. These will be covered later in the application.

The first table presented is for emission unit-specific applicable regulations. Click "Add a row" to get started. You may need to list an emission unit more than once if that emission unit is subject to more than one applicable regulation. List the applicable federal and state regulations separately. You do not need to list an emission unit if there no state or federal regulations apply to it.

The next table covers facility-wide applicable regulations. As with the previous table, list federal regulation applicability on a separate line from state regulation applicability.

### *Emission Unit Overview*

On page 4 of the application, list the Emission Units, Insignificant Activities, and Exempt Activities.

**Emissions unit** means a part or activity of a stationary source that emits or has the potential to emit an air pollutant.

In the first table, provide each Emission Unit number, stack number and Emission Unit description. Use sequential numbering; do not repeat numbers. You may use your own organization's numbering scheme. For Emission Units without stacks, use g.v. (general ventilation) for stack number. In general, list Emission Units separately; do not combine units in one entry.

For emission units that have alternative operating scenarios with distinct requirements depending on the scenario, repeat the emission unit with a different number (e.g. 01-Alt) and in the description briefly identify what is



# Massachusetts Department of Environmental Protection

## Bureau of Air & Waste

### Air Operating Permits: Initial Application, Renewal, Administrative Amendment, Minor Modification, Significant Modification (AQ10, AQ11, AQ12, AQ13, AQ14)

## Instructions & Supporting Material

“alternative” about the operating scenario. You also need to carry this emission unit forward into subsequent tables to describe the alternative operating scenario in greater detail, including such things as applicable requirements from any permit, monitoring, or recordkeeping. Please note that you must maintain an operating log to indicate the particular operating scenario for a particular period of operation.

An example of how the Alternative operating Scenario should be described in this table is provided below.

<input type="checkbox"/>	Emission Unit #	EU Type	Stack #	Vent # (if any)	PCD#	EU Description	Fugitive Emissions Y/N?	Alterations since current OP	
<input type="checkbox"/>	01	Fuel Utilization	01			Erie City boiler burning Natural Gas	No	None	Actions ▼
<input type="checkbox"/>	01B	Fuel Utilization	1			Erie City Boiler burning Nat gas with 300 hrs on #2 Oil	No	None	Actions ▼

The last question in the table asks the applicant to identify if there has been any change since the last approved OP. There is a picklist of responses to choose from. This question is important when it comes to OP renewals, but is not applicable for an initial OP Application. If you are preparing an Initial OP application, select the “none” response to this question.

*Hint: It is useful to take a screen shot of this table when complete to help guide you in completing subsequent tables.*

### *Insignificant Activities*

There are 20 activities listed as insignificant activities. Answer yes or no to each to indicate whether or not the activity is conducted at this facility. The list of insignificant activities is per 310 CMR 7.00, Appendix C (5) (i).

### *Exempt Activities*

List and describe the Emission Unit and stack number of activities for which further detailed information is NOT required, pursuant to 310 CMR 7.00: Appendix C (5) (h), and the basis for exemption. Exempt activities are those Emission Units of a size eligible to comply with 310 CMR 7.02(8)(i) or to be exempt from preconstruction review and approval pursuant to 310 CMR 7.02(2)(b)7., 310 CMR 7.02(2)(b)15., or 310 CMR 7.02(2)(b)29. as of the construction date **and not otherwise subject to an applicable requirement.**

List each emission unit that fits these criteria. Again, for Emission Units without stacks, use g.v. (general ventilation) for stack number. In general, list Emission Units separately; do not combine units in one entry. If there are no exempt emission units or activities, you can skip- this table

An engine or group of engines (such as those integral to emergency generators) subject to 40 CFR part 60 subpart IIII, 40 CFR part 60 subpart JJJJ, or 40 CFR part 63 subpart ZZZZ (New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAPS) for Reciprocating Internal Combustion Engines (RICE)) must be listed as an emission unit. Multiple engines with identical applicable requirements may be grouped into a single Group Emission Unit entry on the Emission Unit table, provided the application includes a listing of the individual Emission Units that comprise the group.

### *Equipment Detail*

Starting with Page 5, the next set of detail pages is based on the EU Type selected in the Emission Unit Overview table. The Equipment Detail pages request specialized information depending on whether the listed units are Fuel



**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

---

Utilization, Process, Incinerator, or Liquid Storage. If, for example, no Liquid Storage was selected as EU Type on the Emission Unit Overview page, then the system will not generate a Detail page for the Liquid Storage Tanks.

On page 5, for Fuel Utilization Emission Units, there are three tables to be completed, describing: the type of equipment, the fuels used as well as the maximum heat input ratings, and the MassDEP approvals (or applicable installation authority such as 310 CMR 7.02(8)(i), 7.03(10) or 7.26.)

On page 6, for Process Equipment, there are three tables to be completed, listing and describing: the process equipment, the maximum process rate and raw materials used, and the plan approvals for each emission unit.

On Page 7, there are four tables to be completed for Incinerators, including: equipment type, operational details, burner details, and a listing of plan approvals.

On page 8, there are three tables to be completed for liquid material storage tanks, including: tank description, material stored, and list of plan approvals.

On page 9, there are two tables to be completed for Miscellaneous Emission Units (e.g., landfills, including: type, size or capacity and emissions, and plan approvals.

#### *Pollution Control Devices*

On page 10, for each pollution control device (PCD), add a row, then provide an identification number, select a type from the drop-down pick-list, provide manufacturer and model number, and identify the pollutant controlled by that device.

For each pollutant controlled by the PCD, provide the numeric % pollutant capture efficiency, % device control efficiency, and % overall control efficiency for that pollutant and device. Overall control efficiency is the product of pollutant capture efficiency multiplied by device control efficiency. For example if the device has 98% capture and 99% control, the overall control efficiency is (.98 x .99= 0.97) or 97%.

If a PCD controls more than one pollutant, add a row for each additional pollutant with the previously-entered ID, type, manufacturer, and model number, then the particular pollutant-specific efficiency data.

#### *Stack Information*

On page 11, for each stack, add a row and provide the stack height above ground, the stack diameter, the range (minimum and maximum) of exhaust velocity (in feet per second), the range of the gas exit temperature (in degrees F), and the stack material (e.g. brick, steel, etc.).

#### *Applicable Requirements (Detailed)*

On pages 12 through 14, enter the applicable regulatory and permit requirements for each emission unit, one row for each applicable requirement.

For each applicable requirement, provide a regulatory citation or a plan approval or permit condition reference, and indicate whether the applicable requirement is new since the last Operating Permit. If this is an application for an Initial Operating Permit, choose the "NA" answer for this question.





**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

---

Enter each applicable requirement only in the appropriate table, as follows:

- Allowable Emission Rate: Emission rate by pollutant for each emission unit.
- Allowable Emissions: Short and long term emission limits (in tons) for each pollutant. This can be expressed by emission unit or facility-wide.
- Fuel Use Limits: The allowable amount of fuel to be used by fuel type as well as the allowable sulfur content.
- Operation and Production Limits: short and long term raw material or production limits for each Emission unit
- Control Device Performance: List each performance measure and the applicable requirement for each PCD
- Other Requirements: List any other requirements not already covered such as limits to the hours of operation, work practices, or process parameters (e.g. operating speeds) for each emission unit.
- Monitoring and Testing: For each emission unit, list the parameter to be monitored the method and frequency of monitoring. Interpret the word monitoring broadly to include more than just in-stack monitoring of emissions. Include such things as fuel flow monitoring and monitoring the VOC and HAP content of raw materials by survey of SDS on a regular basis. For testing, list the test type, method, and frequency.
- Recordkeeping and Reporting: For each emission unit, list the records to be kept and reported including the parameters, method (electronic or manual), and frequency of both recordkeeping and reporting. Add rows for facility-wide recordkeeping and reporting requirements.

#### Compliance Streamlining (Optional)

In the last table on page 14, propose streamlined, alternative, or flexible compliance monitoring and recordkeeping measures. Alternative or flexible limits are limits that are different from those contained in an approval or requirement. MassDEP will review these alternative limits on a case-by-case basis for approval. At a minimum, the alternative limits must be equivalent to the existing requirements in terms of resulting emissions and degree of monitoring. An alternative or flexible limit should be identified as such in the application to distinguish it from a current requirement. Some examples of flexible limits are:

- Change in allowable hours of operation from daily limits to an equivalent weekly total;
- Change of an approval condition that requires the use of a named coating (Brand xyx) to a generic condition that allows use of any coating with the same or less VOC content as Brand xyz.

MassDEP reserves the right to deny any such alternative limitations.

In the table, provide a reason for the compliance streamlining or flexible limits, and suggest a replacement limit that is at least as stringent in effect as the currently approved limits or practices.

If you are proposing no streamlining or flexible limits, enter one line in the table with the term “not applicable” in the Emission Unit field.

#### *Non-Applicable Requirements*

You are required to identify any non-applicable requirements by emission unit and provide an explanation for why the requirement is not applicable. A non-applicable requirement is one that might appear to apply to a particular unit or process, but does not based on construction date or rated capacity. For example, 40 CFR Part 60 Subpart Dc applies to each steam generating unit in the affected capacity range, for which construction, modification, or reconstruction commenced after June 9, 1989. For a particular steam generating unit in that capacity range



**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification**  
**(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

---

constructed before June 9, 1989, and not subsequently modified or reconstructed, Subpart Dc is a non-applicable requirement, due to its construction date, and no subsequent modification or reconstruction.

List non-applicable requirements by emission unit or indicate that the requirements are “facility wide” in the emission unit field. If there are no non-applicable requirements, enter one line in the table the term “not applicable” in the emission unit field.

*Total Allowable Facility Emissions*

On page 16, enter total facility allowable emissions by pollutant in tons per year. Allowable emissions may be established by an applicable requirement limiting emission of the specific pollutant or may not be limited and therefore the facility is “allowed” to operate at full potential emissions. You must enter data for eight listed pollutants and add as many “other” lines as needed to cover the remainder of the pollutants from the facility. If “Other” or “single HAP” is selected, indicate what the pollutant is in the “Specify” field. Also indicate the basis for the allowable emissions value entered. The choices include:

- existing applicable requirement
- potential to emit estimate or
- proposed

*Facility-Wide Limit*

These two text fields allow you to describe any other facility-wide limit that may be applicable but not described previously in the application. Along with a description of the requirement, you must describe how compliance with this limit will be determined. If there is nothing to add, indicate “not applicable” or “None” in each text field.

*Compliance Certification*

Complete the six questions provided in the application. If the entire facility is not currently in compliance with all applicable requirements, attach a compliance plan. In the table, enter each applicable requirement for which the facility is not in compliance and the measures being or to be taken to bring the facility into compliance.

With the attached compliance plan, include a schedule of remedial measures, including a sequence of actions to be taken leading to compliance with an emission standard, emission limitation, or emission prohibition.

*Modification Table*

If you are applying for a Significant or Minor Modification, there is one additional table that you must complete. This table is where you will detail the changes you are proposing to your current approval, including identifying the table and date field you are proposing to modify.

**Step 3. Documents**

Depending your responses to the preceding questions, the system may list one or more documents to be attached to the application, such as an alternative operating scenario description, a Compliance Plan, detailed calculations of emissions, or a Compliance Assurance Monitoring (CAM) plan for an affected emission unit if required by 40 CFR 64.





**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

---

**Note:** For a facility subject to Title IV of the Clean Air Act Amendments (Acid Rain), include completed nationally-standardized forms for permit application and compliance plans as well as a complete Operating Permit application. These forms are available from EPA, Region I located in Boston.

If you are applying for a Minor Modification or a Significant Modification, a mark-up of the current permit with the proposed changes notes is a required attachment.

The document attachment process is very similar to attaching a document to an email. Start by clicking on the "Browse" button. This will bring up a pop-up box. Click on "Browse" again and you can search your computer for the document you want to attach. Once you have attached the document, you click "continue," which brings you back to the main screen.

On the main screen, identify the attachment type (pick from a drop down list) and provide a brief description of the attachment. The description should be no more than 50 characters, including spaces. Click "Save" and wait a minute or two for the documents to load. There is a 50 megabyte limit on document size.

#### **Step 4. Fee Calculation**

The fee section appears only for an Initial OP application. A renewal or application for a Modification will not include this section.

Complete this section to calculate the appropriate fee for the OP submittal. Refer to the fee regulation or the general instructions in this application for the exact fee language. The minimum OP application fee is \$2,312.

##### *Emission Units*

Enter the number of Emission Units previously listed in the application, Emission Unit Detail table on Page 4. Do not include a Unit or activity listed as exempt or insignificant.

**(i) Uncontrolled Emission Units:** Enter the number of Emission Units that *do not have* add-on air pollution control equipment (pollution control device(s)). This number will be multiplied by \$405 when calculating the Application fee.

**(ii) Controlled Emission Units:** Enter the number of Emission Units that *have* add-on air pollution control equipment (pollution control device(s)). This number will be multiplied by \$549 when calculating the Application fee.

The Emission Unit fee equals the sum of the Uncontrolled and Controlled Emission Units fees.

##### *Actual Emissions:*

Provide actual emissions of the five listed pollutants from the facility for the previous calendar year. These emissions should be based on that reported in the Source Registration or Emission Statement for the previous calendar year. Any discrepancies must be addressed or processing of your application will be affected.

**First Column - Actual Emissions (Total Facility):** Enter the actual emissions (in tons per year) for the previous calendar year for the total facility in this column. List only for those pollutants indicated.

**Second Column - Actual Emissions (Exempt Activities):** Enter those actual emissions (in tons per year), for the previous calendar year, the emissions associated with "Exempt Activities" or other activities exempted from the operating permit program that have been included in the total facility actual emissions.



**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

---

Actual adjusted emission will be calculated by the system. If the actual adjusted emissions are greater than 4,000 tons, the emission number will be capped at 4000 tons for purposes of fee calculation. Actual adjusted emissions are multiplied by \$9 per ton for the fee.

The total application fee is calculated as the greater of either \$2,312, or the sum of the Emission Unit fee and the Actual Emissions fee.

### **Step 5. Special Fee Provisions**

This section appears only for an Initial OP application. A Renewal Application will not include this section.

310 CMR 4.00 identifies certain circumstances where special fees are applied. Most OP applicants will not be subject to special fees, but if you are, pick the applicable fee exemption type and provide supporting information on this page.

MassDEP must review and approve any application for a special fee before beginning review of the application.

### **Step 6. Applicants and Contributors**

The Applicant and Contributors page contains the names of all of the people who have logged into the system to contribute to or review the application. No changes can be made in this table.

Below that table is a section called "Signatory Authority." This section will be locked at this point. The Permittee (Responsible Official) will see this section in the "Acceptance" form sent later in the process.

### **Step 7. Application Review and Certification**

The entire application is presented to the Submitter for final review in this step.

The Submitter can reopen the application to edit it by clicking on the "Edit Application" button at the top or, if the information provided is complete and accurate, can proceed to submit the application.

The Submitter should read and agree to the certification language at the bottom of the page. Once the Submitter clicks the agreement box and submits, an email is sent to the Permittee (Responsible Official) along with a copy of the application. The Permittee must complete an Acceptance form to complete the submittal. **The Application has not been officially submitted until the Responsible Official has completed the Acceptance form.**

Upon submittal, the Permittee will receive an email notification that the permit has been submitted and is ready for review. The notice will include a copy of the application in PDF format. The Permittee (Responsible Official) should log in to ePLACE and go to the "My Records" page to access the Acceptance form. To begin the form, click the "Resume Application" link. The acceptance form confirms who the responsible official is and this person should type in the company they represent, the type of company (Corporation, LLC, Partnership, etc.), as well as their title within the company that authorizes them to be the legally Responsible Official.

The Responsible Official should review complete their review of the application, review the certification statement, and check the box below the certification language to acknowledge consent and acceptance of the application form. A date will be inserted by the system once the certification box is checked. The Responsible Official can also choose to NOT accept the form, in which case control of the form will revert to the Submitter to make whatever changes the Responsible Official deems necessary.



**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

---

### **Step 8. Application Submitted**

If this is an Initial OP application, the Permittee will see a “Pay Permit Fee” link on their My Records page next to the application. The permit fee can be paid either online or by check through the mail. The Permittee will be able to choose the preferred payment method. If the Permittee chooses to pay the fee online, either an electronic check or credit card payment is allowed. Both carry a nominal processing fee. The Permittee will then be directed to a payment page and asked to complete information specific to the credit card or electronic check.

If the Permittee chooses to pay by mail, then a check should be sent to the address provided below in the FAQ.

If this is an application for an OP Renewal, the application will be submitted upon acceptance by the Responsible Official.

#### *After Submittal*

The Submitter and Responsible Official can view the status of the MassDEP application review by logging into ePLACE and clicking on the “My Records” button. The timeline for review will not start until the fee has been paid or a fee exemption (if requested) has been verified.

If, during the review, MassDEP finds deficiencies or requires additional information, the application can be “reopened” for edits. In this case, the link to edit the document will show up on the My Records page of the Submitter and the Submitter will be the only person able to make edits. Any edits will also need to go through the Acceptance process (acceptance by the Permittee/ Responsible Official) before being officially submitted to MassDEP.

### **Frequently Asked Questions (FAQ)**

#### **1. What is the application fee?**

The application fee for an Initial OP is based on a formula that takes into account actual emissions, emission units and control equipment.

The formula is  $(AA \times \$9) + (EC \times \$549) + (EU \times \$405)$  but not less than \$2,312; where AA is the Adjusted Actual Emission tons per year of criteria pollutants, excluding carbon monoxide, capped at 4,000 tons/year per pollutant; and EC is an Emission Unit with Air Pollution Control Equipment; and EU is an Emission Unit with no Air Pollution Control Equipment. Further definitions are found in 310 CMR 7.00.

Only Emission Units subject to the OP program are included in the fee calculations (i.e. fee calculations using EC or EU should not include exempt activities). Several Emission units connected to one control device are counted as multiple ECs. Emissions from units not in the operating permit program are not included in the fee calculation.

For AA, use emissions from the previous year, as reported on the facilities Emission Statement - less any emissions from units not subject to the OP Program.

#### **2. Where can I get a copy of the timelines?**

The timelines are available at: <https://www.mass.gov/lists/massdep-fees-timelines>

#### **3. What is the annual compliance fee?**



**Massachusetts Department of Environmental Protection**  
Bureau of Air & Waste  
**Air Operating Permits: Initial Application, Renewal, Administrative  
Amendment, Minor Modification, Significant Modification  
(AQ10, AQ11, AQ12, AQ13, AQ14)**  
**Instructions & Supporting Material**

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The amount of the annual compliance assurance fee is calculated using the formulas found at 310 CMR 4.03(2): Fee Amounts by Permit Category. If you fail to pay the annual compliance assurance fee, your facility's operating permit could be suspended or revoked.

**4. How long is this permit in effect?**

The permit is in effect for five years unless:

- otherwise stated in the permit; or
- if modifications to the facility require that a new or modified permit be issued.

**5. How can I avoid the most common mistakes made in applying for these permits?**

- a. Answer all questions on the application form and indicate "N/A" (not applicable) where appropriate.
- b. Submit all supplementary information requested in the application.

**6. What are the regulations that apply to these permits? Where can I get copies?**

These regulations include, but are not limited to:

- a. Air Pollution Control Regulations, 310 CMR 6.00-8.00
- b. Timely Action and Fee Provisions, 310 CMR 4.00.

These may be purchased at:

**State Bookstore (in State House)**  
Room 116  
Boston, MA 02133  
617-727-2834

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

**Operating Permit Instructions**

**Appendix A**

**Applicable Requirements Guidance**

## Applicable Requirements

The following text in italics is the definition of applicable requirement found in the operating permit regulation.

***Applicable requirement** means all of the following as they apply to Emissions Units or control equipment in a facility subject to the requirements of 310 CMR 7.00: Appendix C. This includes requirements that have been promulgated or approved by EPA through rule making at the time of issuance but have future-effective compliance dates:*

- (a) Any standard or other requirement provided for in the applicable implementation plan, contained at 310 CMR 7.00 approved or promulgated by EPA through rulemaking under 42 U.S.C. 7401, Title I that implements the relevant requirements of 42 U.S.C. 7401, including any revisions to that plan promulgated in 40 CFR Part 52;*
- (b) Any term or condition of any approval issued by the Department pursuant to any regulation under 310 CMR 7.00 which has been approved or promulgated through rulemaking under 42 U.S.C. 7401, Title I, including parts C or D (310 CMR 7.00: Appendix A or 40 CFR 52.21 PSD approvals), of 42 U.S.C. 7401;*
- (c) Any standard or other requirement under 42 U.S.C. 7401, The Clean Air Act, § 111, including § 111(d) (New Source Performance Standards (NSPS));*
- (d) Any standard or other requirement under 42 U.S.C. 7401, The Clean Air Act, § 112, including any requirement concerning accident prevention under 42 U.S.C. 7401, The Clean Air Act, § 112(r)(7) (National Emission Standard for Hazardous Air Pollutants (NESHAPS));*
- (e) Any standard or other requirement of the acid rain program under Title IV of 42 U.S.C. 7401 or the regulations promulgated thereunder;*
- (f) Any requirement(s) established pursuant to 42 U.S.C. 7401, § 504(b) (monitoring and analysis) or § 114(a)(3) (enhanced monitoring 40 CFR Part 64 regulations);*
- (g) Any standard or other requirement governing solid waste incineration, under 42 U.S.C. 7401, The Clean Air Act, § 129;*
- (h) Any standard or other requirement for consumer and commercial products, under 42 U.S.C. 7401, The Clean Air Act § 183(e);*
- (i) Any standard or other requirement for tank vessels under 42 U.S.C. 7401, The Clean Air Act, § 183(f);*
- (j) Any standard or other requirement of the program to control air pollution from outer continental shelf sources, under 42 U.S.C. 7401, § 328;*
- (k) Any standard or other requirement of the regulations promulgated to protect stratospheric ozone under 42 U.S.C. 7401, Title VI, unless the EPA has determined that such requirements need not be contained in an operating permit;*



*(l) Any national ambient air quality standard or increment or visibility requirement under 42 U.S.C. 7401, Title I, part C but only as it would apply to temporary sources permitted pursuant to 42 U.S.C. 7401, § 504(e); and*

*(m) Any other standard or requirement contained in 310 CMR 7.00 that has not been approved or promulgated by EPA through rulemaking under 42 U.S.C. 7401, Title I. These applicable requirements would be listed as a "state only" enforceable provision of an operating permit.*

Each section of the definition is discussed below.

- (a) Any standard or other requirement provided for in the applicable implementation plan, contained at 310 CMR 7.00 approved or promulgated by EPA through rulemaking under 42 U.S.C. 7401, Title I that implements the relevant requirements of 42 U.S.C. 7401, including any revisions to that plan promulgated in 40 CFR Part 52;***

This refers to EPA-approved Massachusetts regulations. The official current version of Massachusetts Regulations is published by the Secretary of the Commonwealth. Unofficial versions, along with recent and proposed amendments, are posted on the MassDEP website.

The Massachusetts State Implementation Plan (SIP) is described in 40 CFR part 52 subpart W (available from <ecfr.gov>). EPA region 1 posts a web-page with links to the EPA-approved versions of Massachusetts regulations: <<https://www.epa.gov/sips-ma/epa-approved-regulations-massachusetts-sip>>.

In some cases, the Massachusetts regulation has been revised or amended since the date of the EPA-approved version. Strictly speaking, the version not approved by EPA is state-only enforceable.

Although an applicant may analyze and submit the applicability of an EPA-approved version for comparison, an analysis of the requirements of the currently-effective version of the Massachusetts regulations only is sufficient for an administratively complete OP application.

In addition to regulatory requirements, this category may also cover conditions of Emission Control Plan Approvals under 310 CMR 7.18 and 7.19, whether or not the particular approval was approved by EPA and is cited in the SIP.

- (b) Any term or condition of any approval issued by the Department pursuant to any regulation under 310 CMR 7.00 which has been approved or promulgated through rulemaking under 42 U.S.C. 7401, Title I, including parts C or D (310 CMR 7.00: Appendix A or 40 CFR 52.21 PSD approvals), of 42 U.S.C. 7401;***

This includes MassDEP-issued Plan Approvals for major and minor new source construction under 310 CMR 7.02 and 310 CMR 7.00 Appendix A, as well as Prevention of Significant Deterioration (PSD) permits, whether issued by MassDEP or EPA.

- (c) Any standard or other requirement under 42 U.S.C. 7401, § 111, including § 111(d) (New Source Performance Standards (NSPS));***

New Source Performance Standards (NSPS) are contained in 40 CFR part 60 (available from <ecfr.gov>, with additional information available at <<https://www.epa.gov/stationary-sources-air-pollution/new-source-performance-standards>>. NSPS apply nationwide, and are always enforceable by EPA. EPA has delegated authority to MassDEP to enforce applicable NSPS at an OP facility, once the NSPS appears in the OP.

40 CFR part 60 includes emission guidelines that require states with affected facilities to develop a state plan to implement the particular emission guideline or, alternatively, EPA may promulgate a Federal Plan that applies to affected facilities in a state without an approved state plan. EPA approval status of state plans for 40 CFR part 60 emission guidelines, as well as corresponding Federal Plans, appear in 40 CFR part 62.

- (d) Any standard or other requirement under 42 U.S.C. 7401, § 112, including any requirement concerning accident prevention under 42 U.S.C. 7401, § 112(r)(7) (National Emission Standard for Hazardous Air Pollutants (NESHAPS));**

National Emissions Standards for Hazardous Air Pollutants (NESHAPS) are contained in 40 CFR parts 61 and 63 (available from <ecfr.gov>, with additional information available at <<https://www.epa.gov/stationary-sources-air-pollution/national-emission-standards-hazardous-air-pollutants-neshap-9>>. NESHAPS apply nationwide, and are always enforceable by EPA. EPA has delegated authority to MassDEP to enforce applicable NESHAPS at an OP facility, once the NESHAPS appears in the OP.

Requirements concerning accident prevention, triggered by quantities of chemicals at a facility, are contained in 40 CFR part 68 (available from <ecfr.gov>, with additional information available at <<https://www.epa.gov/rmp>>.

Regardless of applicability of 40 CFR part 68 (triggered by quantities of chemicals at a facility), the General Duty Clause under the Clean Air Act Section 112(r)(1) applies to any facility where extremely hazardous substances are present. More information is available at <<https://www.epa.gov/rmp/general-duty-clause-under-clean-air-act-section-112r1>>.

Accident prevention and general duty clause requirements must be included in the OP application and will appear in the OP, however, enforcement authority for these provisions remains with EPA and is not delegated to MassDEP.

- (e) Any standard or other requirement of the acid rain program under Title IV of 42 U.S.C. 7401 or the regulations promulgated thereunder, including 40 CFR Parts 72, 73, 75, or 78;**

The regulations under 40 CFR Parts 72 through 75 impose SO<sub>2</sub> and NO<sub>x</sub> emissions limitations, allowance holding and surrender, and emissions monitoring and reporting requirements on certain electric generating and other types of emissions units. See <ecfr.gov> and <<https://www.epa.gov/airmarkets/acid-rain-program>>.

- (f) Any requirement(s) established pursuant to 42 U.S.C. 7401, § 504(b) (monitoring and analysis) or § 114(a)(3) (enhanced monitoring 40 CFR Part 64 regulations);**

Compliance Assurance Monitoring (CAM) for some pollutant specific emission units at OP facilities is covered under 40 CFR Part 64. See <ecfr.gov> and <<https://www.epa.gov/air-emissions-monitoring-knowledge-base/compliance-assurance-monitoring>>.

Include the corresponding compliance determination (monitoring) method for each applicable emission limitation or other applicable requirement in the application. Pursuant to 310 CMR 7.00 Appendix C(9)(b)2., if the regulation or permit condition imposing the requirement does not include compliance monitoring, propose a periodic monitoring method to fill the monitoring “gap.” See <<https://www.epa.gov/title-v-operating-permits/periodic-monitoring-guidance-title-v-operating-permits-programs>>.

**(g) Any standard or other requirement governing solid waste incineration, under 42 U.S.C. 7401, § 129;**

Section 129-based standards and emission guidelines for solid waste incineration are included in 40 CFR Part 60. Approval status of state plans for section 129-based emission guidelines, and corresponding federal plans, appear in 40 CFR Part 62. See <[ecfr.gov](http://ecfr.gov)>.

Under 310 CMR 7.08(2), include conditions of Emission Control Plan Approvals for Large Municipal Waste Combustors, as this regulation is the core of the approved state plan for the source category.

**(h) Any standard or other requirement for consumer and commercial products, under 42 U.S.C. 7401, § 183(e);**

Regulations promulgated to implement 42 U.S.C. 7401, § 183(e), appear in 40 CFR part 59. See <[ecfr.gov](http://ecfr.gov)> and <<https://www.epa.gov/stationary-sources-air-pollution/consumer-products-national-volatile-organic-compound-emission#rule-summary>>.

**(i) Any standard or other requirement for tank vessels under 42 U.S.C. 7401, § 183(f);**

Regulations promulgated to implement 42 U.S.C. 7401, § 183(f), appear in 40 CFR part 63, subpart Y. See <[ecfr.gov](http://ecfr.gov)> and <<https://www.epa.gov/stationary-sources-air-pollution/marine-vessel-loading-operations-national-emission-standards>>.

**(j) Any standard or other requirement of the program to control air pollution from outer continental shelf sources, under 42 U.S.C. 7401, § 328;**

Outer Continental Shelf (OCS) air permitting is covered in 40 CFR Part 55. See <[ecfr.gov](http://ecfr.gov)>. EPA is the permitting authority for OCS facilities regulated under 310 CMR 7 as incorporated by reference into 40 CFR Part 55. Such facilities are located offshore, therefore not in Massachusetts, *per se*. Please consult with EPA when applying for an Operating Permit for an OCS facility.

**(k) Any standard or other requirement of the regulations promulgated to protect stratospheric ozone under 42 U.S.C. 7401, Title VI, unless the EPA has determined that such requirements need not be contained in an operating permit;**

Regulations promulgated to protect stratospheric ozone under 42 U.S.C. 7401, Title VI, appear in 40 CFR Part 82. Applicable requirements at OP facilities may include, but are not necessarily limited to, subpart B, Servicing of Motor Vehicle Air Conditioners and subpart F, Recycling and Emissions Reduction. See <[ecfr.gov](http://ecfr.gov)>. Enforcement authority for these provisions remains with EPA and is not delegated to MassDEP.

- (l) *Any national ambient air quality standard or increment or visibility requirement under 42 U.S.C. 7401, Title I, part C but only as it would apply to temporary sources permitted pursuant to 42 U.S.C. 7401, § 504(e); and*

According to § 504(e), the Department may "... issue a single permit authorizing emissions from similar operations at multiple temporary locations. No such permit shall be issued unless it includes conditions that will assure compliance with all the requirements of this Act at all authorized locations, including, but not limited to, ambient standards and compliance with any applicable increment or visibility requirements under part C of title I. Any such permit shall in addition require the owner or operator to notify the permitting authority in advance of each change in location. The permitting authority may require a separate permit fee for operations at each location."

The requirements of this section would only apply for a temporary OP facility for which a permit authorizing emissions at multiple locations is issued. Please contact MassDEP if you have any questions about whether this applies to your facility.

- (m) *Any other standard or requirement contained in 310 CMR 7.00 that has not been approved or promulgated by EPA through rulemaking under 42 U.S.C. 7401, Title I. These applicable requirements would be listed as a "state only" enforceable provision of an operating permit.*

This refers to Massachusetts regulations that are not approved by EPA.

Such regulations may not be required under the federal Clean Air Act and will, therefore, not be submitted to EPA for approval, unless, and until such time as, required by EPA.

For OP facilities, these may include 310 CMR 7.70, 7.71, 7.72 and 7.74.

For discussion of other Massachusetts regulations with different versions approved by EPA versus currently state-enforceable, or submitted to EPA but not yet approved in any version, see above under (a)

Include all applicable requirements that apply to the facility in the OP application.

**State and federal regulations are occasionally amended, revised or rescinded. The potentially applicable Federal and state regulations are those in effect at the time you submit your application, and not necessarily limited to the particular regulation or version in effect as of this writing. This document may not reflect all current requirements, and may include requirements no longer in effect.**

Generally, applicable requirements can be separated into:

1. Those that must be evaluated for each emission unit;
2. Those that are generic to all emission units or applicable to the facility as a whole.

All requirements that relate to a particular emission unit and all requirements that are generic or facility-wide must be addressed.

## **MassDEP Regulations - 310 CMR 7.00**

### **I. Regulations that must be evaluated for each emission unit.**

1. 310 CMR 7.02: Plan Approval
2. 310 CMR 7.03: Plan Application Exemption Construction Requirements
3. 310 CMR 7.04: Fossil Fuel Utilization Facilities
4. 310 CMR 7.05: Fuels All Districts
5. 310 CMR 7.06: Visible Emissions
6. 310 CMR 7.08: Incinerators
7. 310 CMR 7.14: Monitoring Devices and Reports
8. 310 CMR 7.18: Volatile and Halogenated Organic Compounds
9. 310 CMR 7.19: Reasonably Available Control Technology (RACT) for Sources of Oxides of Nitrogen (NO<sub>x</sub>)
10. 310 CMR 7.24: Organic Material Storage and Distribution
11. 310 CMR 7.26: Industry Performance Standards
12. 310 CMR 7.34: Massachusetts NO<sub>x</sub> Ozone Season Program
13. 310 CMR 7.70: Massachusetts CO<sub>2</sub> Budget Trading Program
14. 310 CMR 7.72: Reducing Sulfur Hexafluoride Emissions from Gas-insulated Switchgear
15. 310 CMR 7.00 Appendix A: Emission Offsets and Nonattainment Review
16. 310 CMR 7.00 Appendix B: Emission Banking, Trading and Averaging

### **II. MassDEP Regulations that are generic to all emission units or applicable to the facility as a whole.**

1. 310 CMR 7.01: General Regulations
2. 310 CMR 7.07: Open Burning
3. 310 CMR 7.09: Dust, Odor, Construction and Demolition
4. 310 CMR 7.10: Noise
5. 310 CMR 7.11: Transportation Media
6. 310 CMR 7.12: Source Registration
7. 310 CMR 7.13: Stack Testing
8. 310 CMR 7.15: Asbestos
9. 310 CMR 7.16: Reduction of Single Occupant Commuter Vehicle Use
10. 310 CMR 7.25: Best Available Controls for Consumer and Commercial Products
11. 310 CMR 7.29: Emissions Standards for Power Plants
12. 310 CMR 7.71: Reporting of Greenhouse Gas Emissions
13. 310 CMR 7.74: Reducing CO<sub>2</sub> Emissions from Electricity Generating Facilities

### **III. Regulations that are not applicable to facilities in the Operating Permit Program.**

1. 310 CMR 7.30: MB Massport/Logan Airport Parking Freeze
2. 310 CMR 7.31: MB City of Boston/East Boston Parking Freeze
3. 310 CMR 7.33: MB City of Boston/South Boston Parking Freeze
4. 310 CMR 7.36: Transit System Improvements
5. 310 CMR 7.37: MB High Occupancy Vehicle Lanes

6. 310 CMR 7.38: Certification of Tunnel Ventilation Systems in the Metropolitan Boston Air Pollution Control District
7. 310 CMR 7.40: Low Emission Vehicles Program
8. 310 CMR 7.51: Hearings Relative to Orders and Approvals
9. 310 CMR 7.52: Enforcement Provisions
10. 310 CMR 7.60: Severability



## Approvals

### *Summary:*

Approvals are issued under the Departments regulations of 310 CMR 7.02, 310 CMR 7.18 or 310 CMR 7.19 as described in **MassDEP** regulations. The conditions and/or provisos contained in these approvals are considered Applicable Requirements. Note that many of the requirements in an approval are derived from other regulations. Approvals and requirements are emission unit specific.

The following are possible names of approvals that may have been issued to your facility:

Plan Approval  
Conditional Plan Approval  
Limited Plan Approval  
Comprehensive Plan Approval (CPA)  
Non-major Comprehensive Plan Approval (NMCPA)  
Major Comprehensive Plan Approval (MCPA)  
Restricted Emission Status (RES)  
Emission Control Plan (ECP)  
Prevention of Significant Deterioration (PSD)  
Appendix A Nonattainment  
Forms: BWP AQ 01  
    BWP AQ 02  
    BWP AQ 03  
    BWP AQ 08A  
    BWP AQ 08B  
    BWP AQ 09A  
    BWP AQ 09B

The following are **NOT** approvals:

Source Registrations  
Emission Statements  
Any approval issued **Draft** only

Approval numbers can be found on the first page of approval letters in upper right hand corner under the RE: section. Approval numbers are either identified as an approval or transmittal number.

### *Operating Permit Requirement:*

For emission units that have an approval, the regulation requiring the approval must be listed as an applicable requirement. Also, the approval number must be listed in the Emission Unit description.

All specific requirements/limits contained in the approval must be listed as prompted.

**Operating Permit Instructions**  
**Appendix B**  
**Tables of Applicable Requirements**

**Note:** The underlying regulations presented in the following tables and summaries appendix are subject to change. Please refer to the regulations in effect at the time of OP application preparation and submittal for the current versions.

**Table I****List of 7.03 Sources****Sources Eligible for Exemption from Written Plan Approval Requirements with Conditions**

<b>Process</b>	<b>Reg. #</b>	<b>Summary of Requirements</b>	<b>Applicability</b>
Degreaser (using any solvent)	7.03(8)	•Meets design requirements of 7.18(8)	•Must use < 100 gal/month solvent
Wave Solder	7.03(9)	•Must be oilless unit or •Must have ESP 90% efficient	•Must use < 200 gal/month of flux
Emergency Standby Engines	7.03(10)	•Exhaust silencer •Exhaust Stack that does not impact air quality	•Must be emergency use only •Must be < 10,000,000 BTU/HR
Lead Melt Pots	7.03(11)	•fabric filter capable of 99.5% particulate control efficiency	
Dry Material Storage Silo	7.03(12)	•fabric filter capable of 99.5% particulate control efficiency	
Motor Vehicle Fuel Dispensing Facility	7.03(13)	•must comply with 7.24 requirements	
Non-heatset Offset Lithographic Printing	7.03(15)	•Alcohol in Fountain Solution limit •Cleanup compound Limit	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Metal Furniture Coating	7.03(16)	•Coating Formulation •HVLP or Electrostatic •Paint Overspray Filters •Stack Design	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Metal Can Coating	7.03(16)	•Coating Formulation •HVLP or Electrostatic •Paint Overspray Filters •Stack Design	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Large Appliance Coating	7.03(16)	•Coating Formulation •HVLP or Electrostatic •Paint Overspray Filters •Stack Design	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Magnet Wire Insulation Coating	7.03(16)	•Coating Formulation •HVLP or Electrostatic •Paint Overspray Filters •Stack Design	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)

Automobile Surface Coating	7.03(16)	<ul style="list-style-type: none"> <li>•Coating Formulation</li> <li>•HVLP or Electrostatic</li> <li>•Paint Overspray Filters</li> <li>•Stack Design</li> </ul>	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Metal Coil Coating	7.03(16)	<ul style="list-style-type: none"> <li>•Coating Formulation</li> <li>•HVLP or Electrostatic</li> <li>•Paint Overspray Filters</li> <li>•Stack Design</li> </ul>	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Surface Coating of Misc. Metal Parts and Products	7.03(16)	<ul style="list-style-type: none"> <li>•Coating Formulation</li> <li>•HVLP or Electrostatic</li> <li>•Paint Overspray Filters</li> <li>•Stack Design</li> </ul>	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Surface Coating of Plastic Parts	7.03(16)	<ul style="list-style-type: none"> <li>•Coating Formulation or</li> <li>•Control Equipment</li> <li>•HVLP or Electrostatic</li> <li>•Paint Overspray Filters</li> <li>•Stack Design</li> </ul>	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Leather Surface Coating	7.03(16)	<ul style="list-style-type: none"> <li>•Coating Formulation</li> <li>•HVLP or Electrostatic</li> <li>•Paint Overspray Filters</li> <li>•Stack Design</li> </ul>	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Wood Products Surface Coating	7.03(16)	<ul style="list-style-type: none"> <li>•Coating Formulation</li> <li>•HVLP or Electrostatic</li> <li>•Paint Overspray Filters</li> <li>•Stack Design</li> </ul>	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)
Flat Wood Paneling Coating	7.03(16)	<ul style="list-style-type: none"> <li>•Coating Formulation</li> <li>•HVLP or Electrostatic</li> <li>•Paint Overspray Filters</li> <li>•Stack Design</li> </ul>	•Facility must be less than 2.5 tons VOC emission per month (or 670 gallons of VOC containing compound usage per month)plan approval always required if
Groundwater/ Soil Venting	7.03(17)	•Air Pollution Control Equipment, 95% efficient	

**Table II**  
**RACT (310 CMR 7.18) Categories**  
**Source Types Possibly Subject to RACT (7.18) Rules**

Source Type	Applicability (TPY = Tons Per Year)	Effective Rule Date
7.18(3) Metal Furniture Surface Coating	Actual Emissions > 15 lbs./day (Before Controls)	1/1/80
7.18(4) Metal Can Surface Coating	Actual Emissions > 15 lbs./day (Before Controls)	1/1/80
7.18(5) Large Appliance Surface Coating	Actual Emissions > 15 lbs./day (Before Controls)	1/1/80
7.18(6) Magnet Wire Insulation Surface Coating	Actual Emissions > 15 lbs./day (Before Controls)	1/1/80
7.18(8) Solvent Metal Degreasing	All units	12/31/80
7.18(9) Cutback Asphalt	Use from October 1 through April 30 is exempt	5/1/82
7.18(10) Metal Coil Coating	Actual Emissions > 15 lbs./day (Before Controls)	7/1/80
7.18(11)(a)1. Surface Coating of Miscellaneous Metal Parts and Products	Actual Emissions > 25 TPY Potential Emissions > 10 TPY	12/31/82 7/1/91
7.18(11)(a)2. Surface Coating of Miscellaneous Metal Parts and Products	Actual emissions $\geq$ 15 lb/day or 3 tons/12 mo. period	3/09/2020
7.18(12) Graphic Arts (Packaging or Publication Rotogravure)	Potential Emissions > 100 TPY Potential Emissions > 50 TPY	1/1/83 1/1/94
7.18(14) Paper Surface Coating	Actual Emissions > 15 lbs./day (Before Controls)	12/31/82
7.18(15) Fabric Surface Coating	Actual Emissions > 15 lbs./day (Before Controls)	12/31/82
7.18(16) Vinyl Surface Coating	Actual Emissions > 15 lbs./day (Before Controls)	12/31/82
7.18(17) Reasonable Available Control Technology  (Non-source type specific)	1. Potential Emissions > 100 TPY 2. Potential Emissions > 50 but < 100 TPY w/Actual Emissions > 50 TPY 3. Potential Emissions > 50 but < 100 TPY w/Actual Emissions < 50 TPY All Emissions are Before Controls	12/31/86  1/1/94  5/31/95
7.18(18) Polystyrene Resin Manufacture	Actual Emissions > 15 lbs./day (Before Controls)	12/31/86

Source Type	Applicability (TPY = Tons Per Year)	Effective Rule Date
7.18(19) Synthetic Organic Chemical Manufacture	All Facilities	Currently
7.18(21) Surface Coating of Plastic Parts	Actual emissions $\geq$ 15 lb/day or 3 tons/12 mo. period	3/09/2020
7.18(22) Leather Surface Coating	Potential Emissions > 50 TPY (Before Controls)	1/1/94
07.18(23) Wood Products Surface Coating	Potential Emissions > 50 TPY (Before Controls)	1/1/94
7.18(24)(a)1. Flat Wood Paneling Surface Coating	Actual Emissions > 15 lbs./day (Before Controls)	1/1/94
7.18(24)(a)2. Flat Wood Paneling Surface Coating	Actual emissions $\geq$ 15 lb/day or 3 tons/12 mo. period	3/09/2020
7.18(25)(a)1. Lithographic Printing	Potential Emissions > 50 TPY (Before Controls)	1/1/94
7.18(25)(a)2. Offset Lithographic and Letterpress Printing	Potential Emissions > 25 TPY (Before Controls)	3/09/2020
7.18(25)(a)3. Offset Lithographic and Letterpress Printing	Actual emissions $\geq$ 15 lb/day or 3 tons/12 mo. period	3/09/2020
7.18(26) Textile Finishing	Potential Emissions > 50 TPY (Before Controls)	1/1/94
7.18(27) Coating Mixing Tanks	Actual Emissions > 15 lbs./day (Before Controls)	1/1/94
7.18(28) Automotive Refinishing	All facilities	8/1/95
7.18(29) Bakeries	Potential Emissions > 50 TPY (Before Controls)	5/31/95
7.18(30) Adhesives and Sealants	All facilities	1/1/2015
7.18(30) Adhesives and Sealants	Actual emissions $\geq$ 15 lb/day or 3 tons/12 mo. period from adhesive application	5/1/2016
7.18(31) Industrial Cleaning Solvents	Actual Emissions > 15 lbs./day (Before Controls)	3/09/2020
7.18(32) Fiberglass Boat Manufacturing	Actual emissions $\geq$ 15 lb/day or 3 tons/12 mo. period	3/09/2020