

COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF ENVIRONMENTAL PROTECTION

310 CMR 7.00 AIR POLLUTION CONTROL REGULATIONS

310 CMR 7.12 U SOURCE REGISTRATION

7.12: U Source Registration

(1) Applicability.

(a) 310 CMR 7.12 applies to any owner/operator of a facility if such facility meets any of the criteria in 310 CMR 7.12(1)(a)1.

1. Has a facility-wide maximum energy input capacity BTU/hour from fuel utilization facilities equal to or greater than the following size thresholds:

<u>Fuel Type</u>	<u>Maximum Energy Input Capacity (Btu/hour)</u>
a. All Fuels	40,000,000
b. Residual Fuel Oil	10,000,000
c. Solid Fuel	3,000,000
d. Used Oil Fuel	3,000,000
e. Landfill Gas	3,000,000

2. Has a maximum energy input capacity in Btu/hour from any fuel utilization facility emission unit that combusts natural gas, propane, butane, or distillate oil equal to or greater than the 10,000,000 Btu/hour.

3. Has non-combustion federal potential¹ to emit (facility-wide) equal to or greater than:

<u>Contaminant</u>	<u>Threshold</u>
a. Particulate Matter	two tons per year
b. Oxides of Sulfur	2.5 tons per year
c. Organic Material	ten tons per year
d. Nitrogen Dioxide	4.4 tons per year
Hazardous Air Pollutants	ten tons of any individual HAP per year or 25 tons of total HAPs per year

¹ Non-combustion potential emissions excludes emissions from motor vehicles, incinerators and products of combustion from fuel utilization facilities.

4. Is or contains a hazardous waste incinerator, regardless of size.
5. Is or contains an incinerator with the capacity to reduce 50 pounds per hour or more of waste.
6. Is or contains an emission unit or process that is subject to a National Emission Standard for Hazardous Air Pollutants (NESHAP) or subject to a Maximum Achievable Control Technology (MACT) standard defined at 40 CFR Part 61 and Part 63, for which the Department has received delegation from EPA.
7. Is or contains a stationary reciprocating internal combustion engine (except for emergency or standby engines) with a maximum energy input capacity of 3,000,000 Btu per hour or greater (burning any fuel).
8. Is required to submit a Source Registration as a condition of a plan approval or operates under a Restricted Emission Status (RES) pursuant to 310 CMR 7.02(9) or 7.02(10) issued since January 1, 1990. The owner/operator of a facility required by a plan approval, issued prior to January 1, 1990, to submit annual Source Registration is no longer required to do so unless said facility meets one of the other applicability criteria in 310 CMR 7.12 or a more recent Department approval requires submittal of a Source Registration.
9. Is a facility for which the owner/operator has received a request from the Department to submit a Source Registration.
10. Is a facility subject to 310 CMR 7.00: *Appendix C* in the previous calendar year.
11. Had actual emissions equal to or greater than 0.5 tons of lead, 25 tons of NO_x, or 25 tons of VOC in the previous calendar year.

(b) Any owner/operator of a facility that becomes subject to 310 CMR 7.12 that was not previously subject to 310 CMR 7.12 shall notify the Department by January 31st of the calendar year immediately following the calendar year in which the facility became subject to 310 CMR 7.12.

(c) Any owner/operator of a facility subject to 310 CMR 7.26(20) through (29) need not submit a Source Registration pursuant to 310 CMR 7.12 unless otherwise required to report pursuant to 310 CMR 7.12(1)(a)9. or such facility meets any of the applicability criteria in 310 CMR 7.12(1)(a)11.

(2) Schedule.

(a) Except as provided in 310 CMR 7.12(2)(b), a Responsible Official of a facility shall sign and submit a Source Registration to the Department every year by the date indicated below:

1. May 1st for a facility subject to 310 CMR 7.00: *Appendix C* in the previous calendar year;

2. June 1st for a facility that:

a. has an RES permit issued by the Department pursuant to 310 CMR 7.02(9);

b. had actual emissions of lead equal to or greater than 0.5 tons in the previous calendar year, or actual emissions of NO_x or VOC equal to or greater than 25 tons per year in the previous calendar year;

c. emits an air contaminant subject to a NESHAP or is subject to a MACT standard defined at 40 CFR Part 61 and Part 63, for which the Department has received delegation from EPA;

d. is required, as a condition of a plan approval issued by the Department since January 1, 1990, to submit a Source Registration annually.

(b) If a facility is not subject to the annual reporting schedule in 310 CMR 7.12(2)(a), a Responsible Official shall sign and submit a Source Registration to the Department by April 1st once every three years.

(3) Source Registration Contents.

(a) An owner or operator shall provide information in the Source Registration as specified in a format provided by the Department including, but not limited to:

1. A complete description of the facility, including a description of process and combustion equipment, facility operating hours and operating schedule, and raw materials and fuels used at the facility. Once a facility is subject to 310 CMR 7.12, all emission units and processes at the facility shall be included in the Source Registration even if, individually, certain emission units and processes may not meet the applicability thresholds of 310 CMR 7.00. Emission units that are “insignificant activities” under 310 CMR 7.00: *Appendix C(5)(i)* need not be included;

2. Detailed emission estimates for all criteria and hazardous air pollutants emitted at the facility;

3. An Emission Statement summarizing and certifying actual annual emissions and peak ozone season day emissions of volatile organic compounds and oxides of nitrogen;

4. A description of air pollution control equipment and capture and control efficiencies of said equipment;

5. Calculations and assumptions used to support calculations of emissions such as annual fuel process rate, and peak ozone season daily process rate; and

6. Certification of accuracy to ensure that the information contained in the Source Registration is accurate and complete to the best knowledge of the Responsible Official signing the submittal pursuant to 310 CMR 7.01.

(b) Where such format is part of an electronic data system operated by the Department, the owner/operator shall submit the Source Registration using the electronic data system.

(c) Copies of Source Registration and other information supplied to the Department, to comply with 310 CMR 7.12 shall be retained by the facility owner/operator for five years from the date of submittal.

(4) Verification of Information. The Department may inspect a facility at any time for the purpose of verifying information contained in Source Registration.