

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) Source Registration is required of any person owning, operating or controlling a facility if said facility:

1. Is or contains a fuel utilization facility with an energy input capacity equal to or greater than the following size thresholds:

<u>Fuel Type</u>	<u>Maximum Energy Input Capacity (Btu/hour)</u>
Natural Gas	10,000,000
Distillate Oil	10,000,000
Residual Oil	10,000,000
Solid Fuel	3,000,000
Used Oil Fuel	3,000,000
Landfill Gas	3,000,000;

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

<u>Contaminant</u>	<u>Threshold</u>
Particulate Matter	two tons per year
Oxides of Sulfur	2.5 tons per year
Organic Material	ten tons per year
Nitrogen Dioxide	4.4 tons per year
Lead	five tons per year
Hazardous Air Pollutants	ten tons of any individual HAP 25 tons of total HAPs ;

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

3. Is or contains a hazardous waste incinerator, regardless of size;
4. Is or contains an incinerator with the capacity to reduce 50 pounds per hour or more of waste;
5. 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;
6. 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);
7. Is required to file 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 conditions for registration in 310 CMR 7.12; or a more recent Department approval requires Source Registration;
8. Who receives a request for Source Registration from the Department; or
9. Any person owning, operating or controlling a facility subject to 310 CMR 7.00:
Appendix C.

(b) Any person owning, operating or controlling a facility that becomes subject to reporting by meeting one of the criteria in 310 CMR 7.12(1)(a) and that was not previously subject to Source Registration reporting shall contact the Department by January 31st.

(c) Any person owning, operating, leasing or controlling a facility subject to 310 CMR 7.26 shall report emissions in a manner described by that regulation unless otherwise required to report pursuant to 310 CMR 7.12(1)(a)8 or 310 CMR 7.12(2)(a)4.

(2) Schedule.

(a) By April 15th of each year, Source Registration shall be signed and submitted to the Department by the Responsible Official of:

1. A facility required to obtain an operating permit pursuant to 310 CMR 7.00: *Appendix C*;
2. A facility having a RES pursuant to 310 CMR 7.02(9);

3. [Reserved];
4. A facility with actual emissions of NO₂ or VOC equal to or greater than 25 tons per year;
5. A facility that emits an air contaminant subject to a NESHAP or 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; or
6. A facility that is required, as a condition of a plan approval issued since January 1, 1990, to file Source Registration annually.

(b) Source Registration shall be submitted to the Department once every three years where the facility is not subject to the annual reporting requirements of 310 CMR 7.12(2)(a). Source Registration shall be due to the Department by April 15 or another date approved by the Department.

(c) Any person who has requested Source Registration forms under 310 CMR 7.12(1)(b) shall complete and submit Source Registration by the date specified by the Department.

(3) Source Registration Contents.

(a) An owner or operator shall, if requested, provide information about the facility as is specified in forms obtained from the Department, including, but not limited to:

1. A complete description of the facility including a description of process and combustion equipment, a description of facility operating hours and operating schedule, a description of all raw materials and fuels used at the facility. Once a facility is subject to Source Registration, all emission units and processes at the facility must be included in the submittal even if, individually, certain emission units and processes may not meet the applicability thresholds of 310 CMR 7.00. Emission units identified as “insignificant” 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 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 individual signing the submittal pursuant to 310 CMR 7.01.

(b) 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 or operator for five years from the date of submittal.

(4) Verification and Availability of Information.

(a) Upon receipt of the Source Registration, the Department may review the submitted information for accuracy and completeness. The Department may inspect a facility at any time for the purpose of verifying information contained in Source Registration.

(b) Information submitted pursuant to 310 CMR 7.12 shall be available to the public during normal working hours at locations as the Department may specify.