

## **Initial Notification of Applicability**

National Emission Standards for Hazardous Air Pollutants:  
Industrial, Commercial, and Institutional Boilers Area Sources

### **40 CFR Part 63 Subpart JJJJJJ**

#### ***What is the purpose of this form?***

You may use this form to meet the requirements for submitting an initial notification under National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources (40 CFR Part 63, Subpart JJJJJJ). However, you may submit the information in another form or format.

#### ***Am I required to submit an Initial Notification?***

You must submit an Initial Notification if you are subject to the Area Source Boilers NESHAP.

*Major source* means any stationary source or group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit considering controls, in the aggregate, 10 tons per year or more of any hazardous air pollutant or 25 tons per year or more of any combination of [hazardous air pollutants](#), unless the Administrator establishes a lesser quantity, or in the case of radionuclides, different criteria from those specified in this sentence (§63.2).

*Area source* means any stationary source of hazardous air pollutants that is not a major source (§63.2).

#### ***Am I subject to the Boilers Area Source NESHAP?***

You are subject to the Area Source Boilers NESHAP if you own or operate an industrial, commercial, or institutional boiler that is located at, or is part of, an area source of hazardous air pollutants (HAP). A list of the regulated hazardous air pollutants can be found at <https://www.epa.gov/haps/initial-list-hazardous-air-pollutants-modifications>.

*Boiler* means an enclosed device using controlled flame combustion in which water is heated to recover thermal energy in the form of steam or hot water. Controlled flame combustion refers to a steady-state, or near steady-state, process wherein fuel and/or oxidizer feed rates are controlled (§63.11237).

- *Commercial boiler* means a boiler used in commercial establishments such as hotels, restaurants, and laundries to provide electricity, steam, and/or hot water.
- *Industrial boiler* means a boiler used in manufacturing, processing, mining, and refining or any other industry to provide steam, hot water, and/or electricity.
- *Institutional boiler* means a boiler used in institutional establishments such as medical centers, research centers, and institutions of higher education to provide electricity, steam, and/or hot water.

## **Which boilers are not subject to the Area Source Boilers NESHAP rule (63.11195)?**

- (1) *Gas-fired boiler.* If your boiler burns gaseous fuels (e.g., natural gas, process gas, landfill gas, coal-derived gas, refinery gas, hydrogen, or biogas) not combined with any solid fuels, or if your unit burns liquid fuel only during periods of gas curtailment, gas supply emergencies, or periodic testing it is a gas-fired boiler. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year in order to maintain your status as a gas-fired boiler (see §63.11237 Definitions and §63.11195(e)).
- (2) *Hot water heater.* If you have a closed vessel with a capacity of no more than 120 U.S. gallons in which water is heated by combustion of gaseous or liquid fuel and is withdrawn for use external to the vessel at pressures not exceeding 160 pound-force per square inch gauge (psig), including the apparatus by which the heat is generated and all controls and devices necessary to prevent water temperatures from exceeding 210 degrees Fahrenheit (99 degrees Celsius). For example, many hot water heaters at an affected source that are used to heat bathroom or dishwashing water have capacities no more than 120 U.S. gallons and meet the pressure requirements of this exemption (see §63.11237 Definitions and §63.11195(f)).
- (3) *Waste heat boiler* means a device that recovers normally unused energy and converts it to usable heat. Waste heat boilers are also referred to as heat recovery steam generators. (see §63.11237 Definitions)
- (4) *Boilers subject to other NESHAP standards.* If your boiler is specifically listed as, or included in the definition of, an affected source in another standard(s) under part 63 (see §63.11195(a)).
- (5) *Boilers that are used as control devices for other NESHAP standards.* If your boiler is used as a control device for another process that is subject to part 63 and at least 50 percent of the heat input to the boiler is provided by the gas stream that is regulated under another subpart the boiler is exempt from this rule (see §63.11195(g)).
- (6) *Research and Development boilers.* If your boiler is used specifically for research and development, it is exempt; for example, many universities or boiler manufacturers may have test boilers to develop new designs or combustion modifications. This exemption does not include boilers that solely or primarily provide steam (or heat) to a process or for heating at a research and development facility. This exemption does not prohibit the use of the steam (or heat) generated from the boiler during research and development, however, the boiler must be concurrently and primarily engaged in research and development for the exemption to apply (see §63.11195(d)).
- (7) *Boilers subject to section 129 of the Clean Air Act.* If your boiler is specifically listed as an affected source in another standard(s) under section 129 (e.g., Hospital/Infectious Medical Waste Incinerators, Commercial/Industrial Solid Waste Incinerators, Sewage Sludge Incinerators) you are subject to a section 129 rule instead of this rule (see §63.11195(b)).
- (8) *Hazardous Waste Boilers.* If your boiler is required to have a permit under section 3005 of the Solid Waste Disposal Act or if your boiler is covered by 40 CFR part 63 subpart EEE you are a hazardous waste boiler (see §63.11195(c)).

**When must I submit an Initial Notification (§63.9(b)(2))?**

*Existing sources:* No later than September 17, 2011.

*New sources:* No later than September 17, 2011, **or** within 120 days after startup of a new source, whichever is later.

**Is my source a new or existing source (§63.11194)?**

*New source* means that you commenced construction or reconstruction of the boiler after June 4, 2010 and you meet the applicability criteria at the time you commence construction.

*Existing source* means you commenced construction or reconstruction of the boiler on or before June 4, 2010.

**What are my compliance dates (§63.11196)?**

Existing Sources:

- Existing sources subject to a tune-up work practice or management practice standard must demonstrate compliance no later than March 21, 2012.
- Existing sources subject to an emission limit must demonstrate compliance with the emission limits no later than March 21, 2014.
- Existing sources subject to the energy assessment requirement must complete the energy assessment no later than March 21, 2014.

New sources:

- New sources must demonstrate compliance with all requirements of the rule upon startup of the affected source, or May 20, 2011 whichever is later.

# Initial Notification Report 40 CFR Part 63 Subpart JJJJJ

National Emission Standards for Hazardous Air Pollutants for  
Industrial, Commercial, and Institutional Boilers Area Sources

## SECTION I: GENERAL INFORMATION

Operating Permit Number (*if available*)<sup>a</sup>

Facility ID Number (*if available*)<sup>b</sup>

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<sup>a</sup> (e.g., Title V permit number)

<sup>b</sup> (e.g., Plant ID)

Responsible Official's Name

Title

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Facility Name

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Facility Street Address

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Street Address (Row 2, *if applicable*)

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City

State

ZIP Code

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Facility Local Contact Name

Title

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Anticipated Compliance Date(s) (mm/dd/yyyy) (§63.9(b)(2)(iii))<sup>c</sup>: \_\_\_\_\_

<sup>c</sup> See instructions on pg. 3 of this form to determine the compliance dates applicable to you.

## SECTION II: SOURCE DESCRIPTION

1. Please complete the table below for each affected source (boiler and/or process heaters) per §63.9(b)(2)(iv).

Emission Unit ID <sup>d</sup>	Emission Unit Name (design and manufacturer name)	Size: Rated Heat Input Capacity (mmBtu/hr) <sup>e</sup>	Fuels Used <sup>f</sup>

*If additional rows are needed for additional boilers, attach another sheet containing those boilers.*

<sup>d</sup> If the source has an operating permit, use the IDs that are consistent with those reported in the permit.

<sup>e</sup> mmBtu/hr refers to million British thermal units per hour. Boilers often have a nameplate listing the rated heat input capacity on the unit. This rated capacity may have also been reported to the entity insuring the boiler or the state labor and safety inspector.

<sup>f</sup> Report all fuels used in each of the units subject to the standard (e.g., bituminous coal, #6 fuel oil, #2 fuel oil, natural gas, bark, lumber, etc.).

### 2. Optional: Additional notes

3. My facility is a (please choose one):  Major source  Area source

If your facility is a major source of hazardous air pollutants (HAP), please refer to the National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR Part 63 Subpart DDDDD at <https://www.epa.gov/stationary-sources-air-pollution/industrial-commercial-and-institutional-boilers-and-process-heaters>.

**SECTION III: CERTIFICATION**

I hereby certify that the information presented herein is correct to the best of my knowledge.

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Signature

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Date

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Printed Name/Title

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Telephone Number

*To whom do I submit the initial notification?*

Donna Anthony  
Management Assisitant

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