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## Initial Notification of Applicability Instructions for Area Source Boilers Required for Compliance with Area Source Rule

Cleaver-Brooks is making available the Initial Notification of Applicability form to fulfill the first requirement of the Area Source Rule. You may use this form to submit the required information, or you may submit the information in another form or format. If you require additional assistance to complete this form, [please consult your local Cleaver-Brooks representative](#).

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

Use this form to meet the requirements for submitting an initial notification under the Area Source Rule, otherwise known as National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources (40 CFR Part 63, Subpart JJJJJJ).

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

If your facility is an Area Source, subject to the Area Source Rule, you must submit an Initial Notification.

### ***Am I subject to the Area Source Rule?***

Most boilers covered by the Area Source Rule are located at commercial and institutional facilities, with a smaller number in the industrial sector. Commercial boilers include those found in **stores/malls, laundries, apartments, restaurants, and hotels/motels**. Institutional boilers are found in many locations, including medical centers (**hospitals, clinics, nursing homes**), educational and religious facilities (**schools, churches**), **amusement parks** and municipal buildings (**courthouses, prisons**). Many **manufacturing facilities** are also Area Sources.

Area Source facilities must emit less than 10 tons per year of any single air toxic and less than 25 tons per year of any combination of air toxics. If your facility exceeds these emissions limits, it is considered a Major Source, and a [Notice of Applicability for Major Sources](#) is required. A comprehensive list of the regulated air toxics can be found on the [EPA website](#).

To calculate how to estimate emissions from your source to determine if you are a “Major Source” or “Area Source” facility, consult the EPA Emission Inventory Improvement Program document, “[Preferred and Alternative Methods for Estimating Air Emissions from Boilers](#).” Sections 4 and 5 show emissions calculation methods.

To learn more about the Area Source and Major Source Rules, [click here](#).



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### **Which boilers are not subject to the Area Source Rule?**

There are a number of boilers excluded from the Area Source Rule, including:

- Gas-fired boilers that burn gaseous fuels, including: natural gas, process gas, landfill gas, coal-derived gas, refinery gas, hydrogen, or biogas, not combined with any solid fuels. If a unit burns liquid fuel (e.g., oil) only during periods of gas curtailment, gas supply emergencies, or periodic testing, it may still be considered a gas-fired boiler. Periodic burning of a liquid fuel shall not exceed a combined total of 48 hours during any calendar year in order to maintain status as a gas-fired boiler. Boilers must be individually metered for fuel quantity and run time if a back-up fuel is used that does not qualify as gas based on the above definition.
- Hot water heaters with a capacity of no more than 120 U.S. gallons and pressures not exceeding 160 pound-force per square inch gauge (psig), and all controls necessary not to exceed a temperature of 210°F (99°C).
- Waste heat boilers, also known as heat recovery steam generators.
- Boilers that are used as control devices for other National Emission Standards for Hazardous Air Pollutants (NESHAP), where at least 50 percent of the heat input to the boiler is provided by the NESHAP regulated gas steam.
- Research and development boilers. The boilers themselves must be used for research purposes. This exclusion does not apply to boilers at Research and Development facilities. These facilities are still subject to the Area Source Rule.
- Boilers subject to other NESHAP standards or Section 129 standards of the Clean Air Act.
- Hazardous waste boilers.

### **When must I submit an Initial Notification?**

*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?**

*New source* means that you contracted to purchase or rebuild the boiler after June 4, 2010.

*Existing source* means that you contracted to purchase or rebuild the boiler on or before June 4, 2010.



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### **What are my compliance dates?**

#### *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 emissions limit must demonstrate compliance with the emissions 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**.

If you are unsure of your specific compliance requirements, you first need to determine your boiler's subcategory, which takes into account what type of fuel is burned, whether the boiler is a new source or existing source, and the size of the boiler. To determine your boiler's subcategory, [click here](#).

Once the boiler subcategory is determined, view the [decision tree](#) or [table](#) for specific compliance requirements and dates.

### **Where do I send the Initial Notification?**

If your facility is located in a state that has been delegated the authority for this regulation, submit the notification to your state agency found at the following link: [http://www.epa.gov/ttn/atw/area/table\\_state\\_contacts.doc](http://www.epa.gov/ttn/atw/area/table_state_contacts.doc)

If your state/local contact is not listed at the above link, use this link: <http://www.4cleanair.org/contactUsaLevel.asp>

If your state has not been delegated the authority for this rule, submit the notification to the [appropriate EPA Regional Office](#).

*Although Cleaver-Brooks strives to provide the most current and accurate information as provided by the EPA, Cleaver-Brooks assumes no responsibility for the form's accuracy and is in no way liable for the contents provided herein.*

# Initial Notification Report -- Area Source Rule

National Emissions 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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Responsible Official's Name

Title

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Street Address

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City

State

ZIP Code

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

<sup>b</sup> (e.g., [Air Facility System \(AFS\) facility ID](#))

Facility Name

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Facility Street Address (if different than Responsible Official's Street Address listed above)

---

Street Address

---

City

State

ZIP Code

---

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---

Facility Local Contact Name

Title

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Anticipated Compliance Date(s) (mm/dd/yy)<sup>c</sup>:

- I am an existing source subject to a tune-up work practice or management practice standard and plan to demonstrate compliance no later than **March 21, 2012**.
- I am an existing source subject to an emissions limit and plan to demonstrate compliance with the emissions limits no later than **March 21, 2014**.
- I am an existing source subject to the energy assessment requirement and plan to demonstrate compliance with the energy assessment no later than **March 21, 2014**.
- I am a new source and will demonstrate requirements of the rule **upon startup** of the affected source, or **May 20, 2011, whichever is later**.
- Other: I plan to demonstrate compliance on: \_\_\_\_\_.

<sup>c</sup> See page 2 of preceding instructions to determine 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).

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

<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.).

3. Optional: Additional notes

4. My facility is a (please choose one):  Major source  Area source  
of hazardous air pollutants.

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, 40 CFR Part 63 Subpart DDDDD at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.

**SECTION III: CERTIFICATION**

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

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name/Title

\_\_\_\_\_  
Telephone Number