



NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY
Air Quality Division

**AREA SOURCE BOILERS NESHA
COMPLIANCE STATUS NOTIFICATION FORM
EMISSION LIMITS**

Applicable Rule: 40 CFR Part 63, Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants (NESHA) for Area Sources - Commercial, Industrial, & Institutional Boilers - Promulgated February 1, 2013

Complete this form if you are an **area source of hazardous air pollutants** and operate a commercial, industrial, or institutional boiler fueled by coal, oil, or biomass AND you are subject to emission limits. See the instructions attached to this form for more information.

If your boiler is **NOT** subject to emission limits:



Do not use this form. There is a separate Notification of Compliance status form(s) that applies to you. The forms can be found on the NDEQ Air Toxics Notebook at <http://deq.ne.gov/AirToxic.nsf/pages/JJJJJJ>.

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 <http://deq.ne.gov/AirToxic.nsf/pages/DDDDD>.

Company Name: _____

Facility ID#: _____

Owner/Operator/Title: _____

Mailing Address: _____

City: _____

Zip: _____

Plant Address (if different than owner/operator's mailing address):

Street: _____

City: _____

Zip: _____

Plant Phone Number: _____

Plant Contact/Title: _____

This form must be completed, signed and submitted to the following agencies. Sources must submit the form within 60 days of completing the performance stack test.

NDEQ Air Quality Division
1200 'N' St. Atrium, Suite 400
Lincoln, NE 68509-8922

and

Region VII EPA – Air & Waste Management
11201 Renner Blvd
Lenexa, KS 66219

If your facility is located in Omaha or Lancaster County, you must submit a notification to the appropriate local air pollution control agency and Region VII EPA.

Compliance Status and Certification

For the compliance status notification requirements, you must provide certification that each boiler at the facility has complied with all the relevant standards and other requirements of 40 CFR Part 63, Subpart JJJJJJ. This requirement can be met by completing the Area Source Boilers Compliance Checklist starting on page 3. One checklist will need to be completed **for each emission point (boiler)**.

- As an alternative, you may submit your own information/documentation that is sufficient to specifically identify how the standards and requirements of 40 CFR Part 63, Subpart JJJJJJ were met **for each emission point (boiler)**.

Check the applicable boxes:	Yes	No	N/A
If the facility has a boiler(s) with bag leak detection systems installed, has the facility prepared a bag leak detection system monitoring plan in accordance with §63.11224 and will operate each bag leak detection system according to the plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the unit conduct startups and shutdowns according to the manufacturer's recommended procedures or procedures specified for a boiler of similar design if the manufacturer's recommended procedures are not available?	<input type="checkbox"/>	<input type="checkbox"/>	
If the boiler(s) is an existing boiler and is subject to an energy assessment, has the facility had an energy assessment performed according to §63.11214(c)? ^b	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are any secondary materials that are solid waste combusted in any affected unit(s)? ^c	<input type="checkbox"/>	<input type="checkbox"/>	
I certify that my facility has complied with all the relevant standards and other requirements of 40 CFR Part 63, Subpart JJJJJJ.	<input type="checkbox"/>	<input type="checkbox"/>	

Print or type the name and title of the Responsible Official* for the facility:

Name: _____

Title: _____

I CERTIFY THAT INFORMATION CONTAINED IN THIS REPORT IS ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

(Signature of Responsible Official*)

(Date)

*A "Responsible Official" can be:

- The president, vice president, secretary, or treasurer of the company that owns the plant;
- An owner of the plant;
- A plant engineer or supervisor of the plant;
- A government official, if the plant is owned by the Federal, State, City, or County government; or
- A ranking military officer, if the plant is located at a military base.

^b The duration and components of the energy assessment are defined in §63.11237 and Table 2 to 40 CFR part 63 subpart JJJJJJ. If the facility completed an energy assessment on or after January 1, 2008 and that energy assessment meets the requirements in §63.11237 and Table 2 to 40 CFR part 63 subpart JJJJJJ, then you have satisfied the requirements for the energy assessment and you do not have to conduct a new assessment.

^c If your boiler has qualified for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act you do not need to check this box.

Area Source Boiler Compliance Checklist

Emission Unit (Boiler) ID*: _____ is subject to the following emission limits specified in the *Area Source Boilers NESHAP*.

Use only one checklist for **each emission unit (boiler)**. If additional boilers are subject to limits **please make copies or complete and print separate versions of the checklist for each boiler** that is subject to limits.

* If the source has an operating permit, please use the IDs that are consistent with the IDs contained in the permit. If the source does not have an operating permit, please use an ID that is consistent with other notifications submitted under this subpart.

- For each pollutant below, check "Yes" or "No" to identify any limits that the boiler is subject to. If the boiler is subject to a limit, please complete the last three columns in the chart.

Please mark each box below that ***applies to your boiler identified above***. If additional boilers are subject to the rule, please make copies of this checklist and submit a separate checklist for each boiler.

Pollutant	Boiler is Subject to Limits?		Test Method Used	Date of the First Test Run (mm/dd/yyyy)	Emissions Average from the Three Test Runs (Must Be Provided in Units Specified)
Carbon monoxide (CO)	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	If You Checked "Yes", Complete the Following Columns	<input type="checkbox"/> EPA Method 10 <input type="checkbox"/> EPA Method 10A <input type="checkbox"/> EPA Method 10B <input type="checkbox"/> ASTM D6522-00 <input type="checkbox"/> Other: _____	(____/____/____)	Parts per million by volume, dry basis at 3% oxygen (ppmv @ 3% O ₂): _____
Particulate matter (PM)	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	If You Checked "Yes", Complete the Following Columns	<input type="checkbox"/> EPA Method 5 <input type="checkbox"/> EPA Method 17 <input type="checkbox"/> Other: _____	(____/____/____)	Pounds per million Btu of heat input (lb/MMBtu): _____
Opacity	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	If You Checked "Yes", Complete the Following Columns	<input type="checkbox"/> COMS certified under performance specification 1	(____/____/____)	Percent (%): _____

Pollutant	Boiler is Subject to Limits?		Test Method Used	Date of the First Test Run (mm/dd/yyyy)	Emissions Average from the Three Test Runs (Must Be Provided in Units Specified)
Mercury (Hg)	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	If You Checked "Yes", Complete the Following Columns	<input type="checkbox"/> EPA Method 29 <input type="checkbox"/> EPA Method 30A <input type="checkbox"/> EPA Method 30B <input type="checkbox"/> EPA Method 101A <input type="checkbox"/> ASTM D6784-02 <input type="checkbox"/> ASTM D6722 <input type="checkbox"/> EPA SW-846-7471B <input type="checkbox"/> EPA SW-846-7470A <input type="checkbox"/> Other: _____	(____/____/____)	Pounds per million Btu of heat input (lb/MMBtu): _____

2. §63.9(h) of 40 CFR requires that the results of any performance tests, opacity or visible emission observations, continuous monitoring system performance evaluations, and/or other monitoring procedures or methods that were conducted on the boiler be submitted. Identify below the information that is being submitted with this form:

- Results of performance tests
- Results of opacity or visible emission observations
- Results of continuous monitoring system performance evaluations
- Results of other monitoring procedures or methods that were conducted

3. Using the chart below, please provide a description of the air pollution control equipment (or methods) for each emission point, including the control device(s) or method(s) for each hazardous air pollutant or surrogate pollutant. Additionally, identify the methods that will be used for determining continuing compliance, including a description of the monitoring and reporting requirements and test methods. This table should only be used for pollutants that each unit is subject to under this rule.

Please mark each box below that applies to your boiler identified above.

Pollutant or Item Monitored	Control Device or Monitoring Parameter	Continuous Compliance Method(s)
<input type="checkbox"/> Opacity	<input type="checkbox"/> Continuous opacity monitor	<input type="checkbox"/> Collect opacity monitoring system data. <input type="checkbox"/> Maintain opacity at ≤10%

Pollutant or Item Monitored	Control Device or Monitoring Parameter	Continuous Compliance Method(s)
<input type="checkbox"/> PM <input type="checkbox"/> Hg	<input type="checkbox"/> Conduct stack tests for PM every third year. (PM only) OR <input type="checkbox"/> Conduct stack tests for Hg every third year. (Hg only) <input type="checkbox"/> Conduct monthly fuel analysis for Hg. (Hg only)	
	<input type="checkbox"/> Fabric filter	<input type="checkbox"/> Operate and maintain the fabric filter bag leak detection system such that the alarm system does not sound more than 5% of the operating time during a 6-month period.
	<input type="checkbox"/> Electrostatic precipitator	<input type="checkbox"/> Collect the secondary amperage, voltage, or total power input monitoring system data. <input type="checkbox"/> Maintain the 12-hour average secondary amperage, voltage, or total power input at or above the operating limits that were established during the performance test.
	<input type="checkbox"/> Wet scrubber	<input type="checkbox"/> Collect the 12-hour block averages of the pressure drop and liquid flow rate monitoring system data. <input type="checkbox"/> Maintain the identified 12-hour block average pressure drop and liquid flow rate at or above the operating limits established during the performance test.
	<input type="checkbox"/> Dry scrubber/sorbent injection	<input type="checkbox"/> Collect the 12-hour block average of the sorbent or carbon injection rate monitoring system data. <input type="checkbox"/> Maintain the identified 12-hour block average of the sorbent or carbon injection rate at or above the minimum rate defined in the rule.
	<input type="checkbox"/> Other control device(s):	<input type="checkbox"/> _____ <input type="checkbox"/> _____
<input type="checkbox"/> Hg	<input type="checkbox"/> Fuel pollutant content	<input type="checkbox"/> The only fuel types and fuel mixtures used for the boiler are the same fuel types and mixtures that were used to demonstrate compliance with the <i>Area Source Boilers NESHAP</i> . <input type="checkbox"/> Monthly records of fuel use are maintained.
<input type="checkbox"/> CO	<input type="checkbox"/> Oxygen content of combustion exhaust	<input type="checkbox"/> Continuously monitor the oxygen content of the combustion exhaust. <input type="checkbox"/> Maintain the 12-hour average oxygen content at or above the operating limit established during the performance test.
	<input type="checkbox"/> Other control device(s):	<input type="checkbox"/> _____ <input type="checkbox"/> _____

NESHAP Subpart JJJJJJ – Compliance Status Notification Form – Emission Limits Instructions

What is the purpose of this form?

You may use this form to meet the requirements for submitting a compliance status notification for the emission limit standards under the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources (40 CFR Part 63, Subpart JJJJJJ). However, this form is not required. You may submit the information in another form or format.

If you operate an existing boiler(s) that is subject to both an energy assessment and emission limits, this form may be used to fulfill the notification of compliance status requirements of both the emission limits and the energy assessment. The emission limit notification must be submitted within 60 days of completing the performance stack test. The compliance status notification for the energy assessment is due by July 19, 2014. The *Compliance Status Notification Form - Emission Limits* contains a checkbox that can be used to verify that you have completed the energy assessment at this time. As an alternative, you may submit a separate *Compliance Status Notification Form - Emission Limits* to fulfill the energy assessment prior to July 19, 2014. The form is located at <http://deq.ne.gov/AirToxic.nsf/pages/JJJJJJ> under “Forms.”

If you operate a boiler(s) that is subject to emission limits and tune-up requirements, in addition to this Notification of Compliance Status form; you must also submit a separate *Compliance Status Notification - Tune-up Requirements* form to demonstrate compliance with requirements for tune-ups. The tune-up notification form is due July 19, 2014 for existing sources and within 120 days of startup for new sources. The tune-up requirements notification form can be found at <http://deq.ne.gov/AirToxic.nsf/pages/JJJJJJ> under “Forms.”

Am I required to submit this Compliance Status Notification Form?

You must submit this compliance status notification if you are:

1. an area source**;
2. subject to the Area Source Boilers NESHAP; and
3. required to comply with emission limits.

** *Major source*: a stationary source or group of stationary sources that emits or has the potential to emit 10 tons per year or more of any hazardous air pollutant (HAP) or 25 tons per year or more of any combination of HAP (§63.2).

Area source: a stationary source of HAP that is not a major source (§63.2).

Am I subject to the Area Source Boilers 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 HAP that is fueled by coal, biomass, or oil.

- *Boiler*: 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*: a boiler used in commercial establishments, such as hotels, restaurants, and laundries, to provide electricity, steam, and/or hot water.
- *Industrial boiler*: a boiler used in manufacturing, processing, mining, refining, or any other industry to provide steam, hot water, and/or electricity.
- *Institutional boiler*: 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.

Boilers not subject to the Area Source Boilers NESHAP rule include: gas-fired boilers; hot water heaters; waste heat boilers; boilers subject to other NESHAP standards; boilers used as control devices for other NESHAP standards; boilers used for research and development; and boilers burning solid or hazardous waste. See [§63.11195](#) for more information.

When must I submit the Compliance Status Notification ([§63.11225\(a\)\(4\)](#))?

Existing sources: Within 60 days after completing the performance stack test. The performance stack test must be completed no later than September 17, 2014.

New sources: Within 60 days of completing the performance stack test. The performance stack test must be conducted within 180 days of startup.

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.

To whom do I submit the Compliance Status Notification?

NDEQ Air Quality Division
1200 'N' St. Atrium, Suite 400
Lincoln, NE 68509-8922

and

Region VII EPA – Air & Waste Management
11201 Renner Blvd
Lenexa, KS 66219

If your facility is located in Omaha or Lancaster County, you must submit a notification to the appropriate air pollution control agency in that area and Region VII EPA.

What are my compliance dates ([§63.11196](#))?

Existing Sources:

- Existing sources subject to a tune-up work practice or management practice standard must be in compliance no later than March 21, 2014.
- Existing sources subject to an emission limit must be in compliance with the emission limit no later than March 21, 2014. Initial performance stack tests must be conducted within 180 days of the compliance date.
- Existing sources subject to the requirement to conduct an energy assessment must complete the energy assessment no later than March 21, 2014.

New sources:

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

Where can I find more information?

The NDEQ Air Toxics Notebook located at <http://deg.ne.gov/AirToxic.nsf/pages/JJJJJJ> contains the electronic Code of Federal Regulations link for the rule citations, federal register documents, guidance documents, training materials, and other helpful information.

You can also find the page by going to the NDEQ website and selecting "Focus on Air." The Air Toxics Notebook is under the Air Toxics Program. From the Notebook, select Subpart JJJJJJ – Boilers – Area Sources. EPA's website for boilers can be found at www.epa.gov/ttn/atw/boiler/boilerpg.html. You can contact the NDEQ Air Toxics Coordinator at (402) 471-2189 or NDEQ.AirQuality@nebraska.gov if you have additional questions.