What are the compliance dates?
EXISTING SOURCES: 3/21/14
NEW SOURCES: 5/20/2011 or upon start-up

What reports are required?
- Prepare and submit Initial Notification by 1/20/14.
- Prepare Notification of Compliance Status. Certify completion of energy assessment and/or tune-up, as applicable. Submit electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) on EPA’s Central Data Exchange (CDX).
- Prepare Compliance Certification Report by March 1 of the year after the calendar year during which a tune-up is completed for boilers not subject to emission limits. Submit upon request.
- Prepare an annual Compliance Certification Report for boilers with emission limits by March 1 of each year. Submit upon request. Prepare and submit the Report by March 15 if any deviations from an emission limit or operating parameter.
- Provide notification 30 days prior to firing solid waste.
- Provide notification within 30 days of a fuel switch or physical change resulting in the boiler being in a different subcategory within subpart JJJJJJ, becoming subject to subpart JJJJJ, or switching out of subpart JJJJJ.
- Submit test results to EPA’s WebFIRE database using CEDRI that is accessed through EPA’s CDX within 60 days of each performance test. Submit the data in the file format of EPA’s Electronic Reporting Tool.

What records are required?
- Types and amount of fuel used monthly for boilers with emission limits.
- Documentation that startups and shutdowns were done according to manufacturer’s recommended procedures for boilers subject to emission limits.
- All required notifications and reports, with supporting documentation.
- Demonstration of compliance with emission limits, operating limits, tune-ups, and the energy assessment, as applicable.
- Malfunction occurrences, duration, and actions taken.
- Days of operation per year for seasonal boilers.
- Copy of the federally enforceable permit and records of fuel use for limited-use boilers.

You can also contact your Regional EPA air toxics office:

<table>
<thead>
<tr>
<th>Address</th>
<th>States</th>
<th>Website/Phone Number</th>
</tr>
</thead>
</table>
| REGION 1
5 Post Office Square, Suite 100
Mail code: QES04-2
Boston MA 02109-3912 | CT, MA, ME, NH, RI, VT | [www.epa.gov/region1](http://www.epa.gov/region1) (888)372-7341 (617) 918-1656 |
| REGION 2
250 Broadway
New York, NY 10007-1866 | NJ, NY, PA, PR, VI | [www.epa.gov/region2](http://www.epa.gov/region2) (212) 637-4023 |
| REGION 3
1650 Arch Street
Philadelphia, PA 19103-2029 | DE, MD, PA, VA, WV, DC | [www.epa.gov/region3](http://www.epa.gov/region3) (800) 228-8711 (215) 814-2061 |
| REGION 4
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, GA 30303-8960 | FL, NC, SC, KY, TN, GA, AL, MS | [www.epa.gov/region4](http://www.epa.gov/region4) (404) 562-9131 |
| REGION 5
77 West Jackson Blvd.
Chicago, IL 60604-3507 | IL, IN, MI, WI, MN, OH | [www.epa.gov/region5](http://www.epa.gov/region5) (312) 886-6812 (312) 353-6684 (312) 886-6798 |
| REGION 6
1445 Ross Avenue
Suite 1200
Dallas, TX 75202-2733 | AR, AL, NM, OK, TX | [www.epa.gov/region6](http://www.epa.gov/region6) (800) 621-8431* (214)-665-7171 |
| REGION 7
901 North Fifth Street
Kansas City, KS 66101 | IA, KS, MO, NE | [www.epa.gov/region7](http://www.epa.gov/region7) (800) 223-0425 (913)-551-7003 |
| REGION 8
1595 Wynkoop St.
Denver, CO 80202-1129 | CO, MT, ND, SD, UT, WY | [www.epa.gov/region8](http://www.epa.gov/region8) (800) 227-8917* (303)-312-6460 |
| REGION 9
75 Hawthorne Street
San Francisco, CA 94105 | CA, AZ, HI, NV, GU, AS, MP | [www.epa.gov/region9](http://www.epa.gov/region9) (415) 744-1197 |
| REGION 10
1200 6th Ave.
Suite 900, AWT-107
Seattle, WA 98101 | AK, ID, WA, OR | [www.epa.gov/region10](http://www.epa.gov/region10) (800) 424-4372* (206) 553-8220 |

Final Rule
March 21, 2011 (76 FR 15554)

Final Rule Amendments
February 1, 2013 (78 FR 7488)
September 14, 2016 (81 FR 63112)

Summary of Regulations
National Emission Standards for Hazardous Air Pollutants (NESHAP):
Area Sources
Industrial, Commercial, and Institutional Boilers
40 CFR Part 63 Subpart JJJJJ

For More Information
Copies of the rule and other technical materials:
Boiler compliance at area sources:
Which boilers are affected?

- Boilers that burn coal, oil, biomass, or other solid and liquid non-waste materials AND located at area source commercial (e.g., laundries, apartments, hotels), institutional (e.g., schools, churches, medical centers, municipal buildings), or industrial (e.g., manufacturing, refining, processing, mining) facilities.

What is a boiler?

- A boiler uses controlled flame combustion to burn coal and other substances such as oil or biomass to produce steam or hot water, which is then used for energy or heat.

What is an area source?

- Any area source that is not a major source.
- Major sources emit or have potential to emit ≥10 TYP of any single air toxic or ≥25 TYP of combined air toxics.

Which boilers are not affected?

- Any gas-fired boiler.
- Hot water heaters.
- Waste heat boilers.
- Boilers used as control devices for other standards.
- Boilers subject to other NESHAP, section 129 standards, or hazardous waste boilers.
- Research and development boilers.
- Temporary boilers.
- Residential boilers.
- Electric boilers.
- Electric utility steam generating units.

How do I comply?

Rule requirements vary depending on boiler: 1) Fuel type, 2) Construction date, and 3) Size.

Meet Emission Limits

- Conduct initial performance stack test and establish operating parameters.
- Repeat performance tests every 3 years. (Note: For PM, if initial performance test shows that emissions are ≤ half of the limit, further PM performance testing is required every 5 years.)
- Develop and follow a site-specific testing plan and site-specific monitoring plan.

| Summary of Boiler Area Source NESHAP Emission Limit and Work Practice Requirements |
|----------------------------------|----------------------------------|----------------------------------|
| **Boiler Size and Construction Date** | **Fuel type** | **Summary of Requirements** |
| All Gas-fired boilers | Gas (all types) | • None (not covered by the rule) |
| Other New and Existing Small boilers (<10 MMBtu/hr) | Oil, Biomass and Coal | • Tune-up every other year or every 5 years |
| Existing boilers: Commenced construction or reconstruction of the boiler on or before June 4, 2010 | | Note: An existing dual-fuel fired boiler that fuel switches from gaseous fuel to solid fossil fuel, biomass, or liquid fuel after June 4, 2010 is considered to be an existing source as long as the boiler was designed to accommodate the alternate fuel |
| | Biomass and Oil | • Tune-up every other year |
| | Coal (excluding limited-use boilers) | • Emission limits for Hg and CO |
| | Limited-use Coal | • Tun-up every 5 years |
| | | • No emission limits or energy assessment |
| New boilers: Commenced construction or reconstruction after June 4, 2010 | Biomass and Oil (excluding limited-use, seasonal, and new oil-fired boilers bolded below) | • Emission limit for PM |
| | Coal (excluding limited-use boilers) | • Tune-up every other year or every 5 years |
| | Limited-use Coal, Biomass, and Oil and Seasonal Biomass and Oil | • Emission limits for Hg, CO, and PM |
| | | • Tune-up every 5 years |
| | | • No emission limits |

Conduct a One-Time Energy Assessment

- Assess the boiler and its energy use systems to identify cost-effective energy conservation measures.
- The rule’s energy assessment requirement is also satisfied when an assessment completed on or after January 1, 2008, meets or is amended to meet the rule’s requirements or a facility operated under an energy management program according to ENERGY STAR guidelines or compatible with ISO 50001 for at least 1 year between January 1, 2008 and March 21, 2014.

Conduct Tune-up

- Conduct a tune-up every 2 years or 5 years, as applicable.
- Tune-up frequency is reduced for limited-use boilers, seasonal boilers, oil-fired boilers with heat input capacity ≤5 MMBtu/hr, and boilers with an oxygen trim system that would otherwise be subject to a biennial tune-up.