

## 40 CFR Part 63 subpart JJJJJ – Industrial, Commercial, Institutional Boilers at Area Sources – New Boilers

Boiler Category	Initial Notification Date	Initial Compliance Date	Initial Tune-up	One Time Energy Assessment	Initial Compliance Testing Date	Notification of Intent to Conduct a Performance Test	Initial Notification of Compliance Status Report
<b>≤ 5 MMBtu/hr</b>							
<b>Oil-fired</b> <sup>1</sup>	Within 120 days of becoming subject to rule	5/20/11 or upon startup whichever is earlier	No later than 61 months after the time initial startup	NA	NA	NA	No later than 120 days of the compliance date
<b>&gt; 5 MMBtu/hr</b>							
<b>Oil-fired</b> <sup>2</sup>	Within 120 days of becoming subject to rule	5/20/11 or upon startup whichever is earlier	No later than 25 months after the time initial startup	NA	NA	NA	No later than 120 days of the compliance date
<b>&lt; 10 MMBtu/hr</b>							
<b>Coal-fired</b> <sup>2</sup> <b>Biomass-fired</b> <sup>3</sup> <b>Seasonal</b> <sup>4</sup> <b>Limited Use</b> <sup>4</sup>	Within 120 days of becoming subject to rule	5/20/11 or upon startup whichever is earlier	No later than 25 months after the time initial startup  No later than 61 months after the time initial startup	NA	NA	NA	No later than 120 days of the compliance date
<b>Between 10 and 30 MMBtu/hr</b>							
<b>Coal-fired</b> <sup>7</sup> <b>Biomass-fired</b> <sup>3</sup>	Within 120 days of becoming subject to rule	5/20/11 or upon startup whichever is earlier	NA No later than 25 months after the time initial startup	NA	Within 180 days of the compliance date	At least 60 days before performance stack test is scheduled to begin	Within 30 days of completing the initial compliance demonstration
<b>≥ 10 MMBtu/hr</b>							
<b>Oil-fired</b> <sup>5</sup>  <b>Seasonal</b> <sup>4</sup> <b>Limited Use</b> <sup>4</sup>	Within 120 days of becoming subject to rule	5/20/11 or upon startup whichever is earlier	No later than 25 months after the time initial startup  No later than 61 months after the time initial startup	NA	Within 180 days of the compliance date <sup>6</sup>  NA	At least 60 days before performance stack test is scheduled to begin  NA	Within 30 days of completing the initial compliance demonstration  No later than 120 days of the compliance date
<b>≥ 30 MMBtu/hr</b>							
<b>Coal-fired</b> <sup>7</sup> <b>Biomass-fired</b> <sup>3</sup>	Within 120 days of becoming subject to rule	5/20/11 or upon startup whichever is earlier	NA No later than 25 months after the time initial startup	NA	Within 180 days of the compliance date	At least 60 days before performance stack test is scheduled to begin	Within 30 days of completing the initial compliance demonstration

§63.11210(g) – Affected boilers that cease combustion of solid waste and for which the initial compliance date has passed, you must demonstrate compliance within 60-days of the effective date of the waste-to-fuel switch.

§63.11210(h) – Affected boilers that switch fuels or make a physical change to the boiler that results in the applicability of a different subcategory or the boiler becomes subject to JJJJJ, you must demonstrate compliance within 180 days of the effective date of the fuel switch or physical change.

<sup>1</sup> ALL oil-fired boilers including those that meet the definition of a seasonal boiler, or limited-use boiler, or use an oxygen trim system that maintains an optimum air-to-fuel ratio

<sup>2</sup> This does NOT include coal or oil-fired boilers that meet the definition of limited-use, or that use and oxygen trim system that maintains an optimum air-to-fuel ratio

<sup>3</sup> This does NOT include boilers that meet the definition of a seasonal boiler, or limited-use boiler, or use an oxygen trim system that maintains an optimum air-to-fuel ratio

<sup>4</sup> Includes all fuel types

<sup>5</sup> This does NOT include oil-fired or biomass-fired units that meet the definition of seasonal or limited use boilers

<sup>6</sup> If the new oil-fired boiler combusts only oil that contains no more than 0.50 weight percent sulfur by weight, of a mixture of 0.50 weight percent sulfur oil with other fuels not subject to a PM emissions limit, and that do not use post-combustion technology (except a wet scrubber) to reduce PM or SO<sub>2</sub> emissions are NOT subject to the PM emission limitation and are NOT subject to performance testing requirements.

<sup>7</sup> This does NOT include coal-fired units that meet the definition of a limited-use boiler

**Table 2 – Continuing Compliance Frequency – New Boilers**

BOILER CATEGORY	CONTINUOUS COMPLIANCE – FREQUENCY	
	TUNE-UPS <sup>8</sup>	EMISSIONS TESTING
<b>≤ 5 MMBtu/hr</b>		
Oil-fired	Every 5 years no more than 61 months after the previous tune-up <sup>9</sup>	NA
<b>&gt; 5 MMBtu/hr</b>		
Oil-fired <sup>5</sup>	Biennial tune-up due no later than 25 months after the previous tune-up	NA
<b>&lt; 10 MMBtu/hr</b>		
Coal-fired <sup>2</sup>	Biennial tune-up due no later than 25 months after the previous tune-up	NA
Biomass-fired		
Seasonal <sup>4</sup>		
Limited Use <sup>4</sup>	Every 5 years no more than 61 months after the previous tune-up <sup>9</sup>	
<b>Between 10 and 30 MMBtu/hr</b>		
Coal-fired <sup>7</sup>	NA	<ul style="list-style-type: none"> <li>– Monthly fuel analysis for mercury if this method demonstrated compliance with the emission limitations, or</li> <li>– Triennially completed no more than 37 months after the previous performance stack test (PM is included only if initial testing demonstrates that PM emissions are &gt; ½ the PM emission limit); and</li> <li>– Annual CEM RATA</li> </ul>
<b>≥ 10 MMBtu/hr</b>		
Oil-fired <sup>5</sup>	Biennial tune-up due no later than 25 months after the previous tune-up	<ul style="list-style-type: none"> <li>– Monthly fuel analysis for mercury if this method demonstrated compliance with the emission limitations, or</li> <li>– Triennially completed no more than 37 months after the previous performance stack test only if initial testing demonstrates that PM emissions are &gt; ½ the PM emission limit<sup>6</sup>; and</li> <li>– Annual CEM RATA</li> </ul>
Biomass-fired <sup>5</sup>		
Seasonal <sup>4</sup>	Every 5 years no more than 61 months after the previous tune-up <sup>9</sup>	NA
Limited Use <sup>4</sup>		
<b>≥ 30 MMBtu/hr</b>		
Coal-fired <sup>7</sup>	NA	<ul style="list-style-type: none"> <li>– Monthly fuel analysis for mercury if this method demonstrated compliance with the emission limitations, or</li> <li>– Triennially completed no more than 37 months after the previous performance stack test only if initial testing demonstrates that PM emissions are &gt; ½ the PM emission limit; and</li> <li>– Annual CEM RATA</li> </ul>

<sup>8</sup> The tune-up must be conducted while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up.

<sup>9</sup> The inspection of the burner and inspection of the system controlling the air-to-fuel ratio until the next scheduled shutdown, but the burner and system controlling the air-to-fuel ratio must be inspected at least once every 72 months.