

## 40 CFR 60 Subpart Dc Ongoing Compliance Guidance

The table below provides guidance on requirements that apply to boilers subject to Standards of Performance for Small Industrial-Commercial- Institutional Steam Generating Units, 40 C.F.R. Part 60, Subpart Dc (Subpart Dc). This document is not a substitute for the original regulatory language and the scope is limited to boilers combusting fuels documented in the PSCAA database for our jurisdiction (for example, no coal-fired boilers identified). It does not include initial compliance demonstrations.

Boilers subject to Subpart Dc which are capable of firing on oil are required to submit semi-annual reports to the Puget Sound Clean Air Agency. Copies of fuel supplier certifications may be used to fulfill the reporting requirements (40 CFR 60.48c(d) and (e)(11)). These reports must be postmarked or submitted by the 30th day following the end of the reporting period (40 CFR 60.48c(j)).

40 CFR 60 Subpart Dc applicability		<b>60.40c:</b> Applies to <b>boilers with 10-100 MMBtu/hr maximum heat input which are installed, reconstructed, or modified after June 9, 1989</b> Not subject if regulated under 40 CFR 60 Subparts KKKK, AAAA, BBBB or CCCC, or if boilers are temporary. Limits testing and monitoring not required during periods of combustion research
Fuel combustion records	All	60.48c(g): Record and maintain records of amount of each fuel combusted during each operating day, or if only combusting natural gas, wood, oil may maintain records of each fuel combusted during each calendar month.
SO <sub>2</sub> limits, compliance demonstration & reporting	Oil (diesel or residual), or Oil with other fuel	<p><b>60.42c(d), (h): Combusted oil shall not contain greater than 0.5% by weight sulfur on 30 day rolling average</b>  <b>OR</b>  60.42c(g), (h): SO<sub>2</sub> emitted shall not exceed 0.50 lb/MMBtu on 30 day rolling average</p> <p><b>60.42c(g), (h): Compliance with sulfur 60.42c(d) content limit is demonstrated with either fuel analyses for each fuel delivery (g) or certification from supplier (h).</b>  <b>Certification from fuel supplier may not be used for residual oil-fired boilers with heat input above 30 MMBtu/hr.</b></p> <p>60.48c(d)-(f): Outlines requirements of elements to be included in semiannual reports  <b>60.48c(j): Semiannual reports due on 30<sup>th</sup> day of month following the end of the reporting period.</b></p> <p>60.46c, 60.48c(d)-(f): For sources complying with SO<sub>2</sub> limits of 60.42c(g), compliance demonstrated through compliance testing, monitoring, and reporting</p>

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<p>PM limits, compliance demonstration &amp; reporting</p> <p>PM limits do not apply to any boiler &gt;30 MMBtu/hr (any fuel)</p>	<p><b>Oil only, or oil with natural gas</b></p>	<p><b>No PM limit applies if oil combusted does not contain greater than 0.5% by weight sulfur, no additional associated monitoring or reporting required (60.43c(e)(4), 60.45c(d), 60.47c(c), 60.48c(f))</b></p>
	<p>Wood, or wood and other fuels</p>	<p>0.10 lb/MMBtu PM limit if constructed, reconstructed or modified on or before 2/28/2005 and <math>\geq</math>30 MMBtu/hr with &gt;30% annual capacity factor for wood. Initial compliance test, ongoing monitoring and reporting required. (60.43c(b), 60.45c, 60.47c, 60.48c(b))</p>
		<p>0.30 lb/MMBtu PM limit if constructed, reconstructed or modified on or before 2/28/2005 and <math>\geq</math>30 MMBtu/hr with <math>\leq</math>30% annual capacity factor for wood (under a federally enforceable limit). Initial testing, ongoing monitoring and reporting required. (60.43c(b), 60.45c, 60.47c, 60.48c(b))</p>
	<p>Oil, wood or mix</p>	<p>0.030 lb/MMBtu PM limit if constructed, reconstructed or modified after 2/28/2005 and <math>\geq</math>30 MMBtu/hr</p> <p><b>OR</b></p> <p>0.051 lb/MMBtu and 99.98% reduction of PM for units modified after 2/28/2005. Initial testing, ongoing monitoring and reporting required (60.43c(e), 60.45c, 60.47c)</p>