

Pt. 63, Subpt. DDDDD, Table 13

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If your boiler or process heater is in this subcategory	For the following pollutants	The emissions must not exceed the following emission limits, except during periods of start-up and shutdown	Using this specified sampling volume or test run duration
	e. Dioxins/Furans .....	0.08 ng/dscm (TEQ) corrected to 7 percent oxygen.	Collect a minimum of 4 dscm per run.

<sup>a</sup>Incorporated by reference, see § 63.14.

[76 FR 15664, Mar. 21, 2011]

EDITORIAL NOTE: At 78 FR 7208, Jan. 31, 2013, Table 12 was added, effective Apr. 1, 2013. However, Table 12 could not be added as a Table 12 is already in existence.

TABLE 13 TO SUBPART DDDDD OF PART 63—ALTERNATIVE EMISSION LIMITS FOR NEW OR RECONSTRUCTED BOILERS AND PROCESS HEATERS THAT COMMENCED CONSTRUCTION OR RECONSTRUCTION AFTER DECEMBER 23, 2011, AND BEFORE JANUARY 31, 2013

If your boiler or process heater is in this subcategory . . .	For the following pollutants . . .	The emissions must not exceed the following emission limits, except during periods of startup and shutdown . . .	Using this specified sampling volume or test run duration . . .
1. Units in all subcategories designed to burn solid fuel.	a. HCl .....	0.022 lb per MMBtu of heat input.	For M26A, collect a minimum of 1 dscm per run; for M26 collect a minimum of 120 liters per run.
	b. Mercury .....	8.6E-07 <sup>a</sup> lb per MMBtu of heat input.	For M29, collect a minimum of 4 dscm per run; for M30A or M30B, collect a minimum sample as specified in the method; for ASTM D6784 <sup>b</sup> collect a minimum of 4 dscm.
2. Pulverized coal boilers designed to burn coal/solid fossil fuel.	a. Carbon monoxide (CO) (or CEMS).	130 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (320 ppm by volume on a dry basis corrected to 3 percent oxygen, 30-day rolling average).	1 hr minimum sampling time.
	b. Filterable PM (or TSM) .....	1.1E-03 lb per MMBtu of heat input; or (2.8E-05 lb per MMBtu of heat input).	Collect a minimum of 3 dscm per run.
3. Stokers designed to burn coal/solid fossil fuel.	a. CO (or CEMS) .....	130 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (340 ppm by volume on a dry basis corrected to 3 percent oxygen, 10-day rolling average).	1 hr minimum sampling time.
	b. Filterable PM (or TSM) .....	2.8E-02 lb per MMBtu of heat input; or (2.3E-05 lb per MMBtu of heat input).	Collect a minimum of 2 dscm per run.
4. Fluidized bed units designed to burn coal/solid fossil fuel.	a. CO (or CEMS) .....	130 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (230 ppm by volume on a dry basis corrected to 3 percent oxygen, 30-day rolling average).	1 hr minimum sampling time.
	b. Filterable PM (or TSM) .....	1.1E-03 lb per MMBtu of heat input; or (2.3E-05 lb per MMBtu of heat input).	Collect a minimum of 3 dscm per run.
5. Fluidized bed units with an integrated heat exchanger designed to burn coal/solid fossil fuel.	a. CO (or CEMS) .....	140 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (150 ppm by volume on a dry basis corrected to 3 percent oxygen, 30-day rolling average).	1 hr minimum sampling time.

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6. Stokers/sloped grate/others designed to burn wet biomass fuel.	b. Filterable PM (or TSM) . . . . a. CO (or CEMS) . . . . .	1.1E-03 lb per MMBtu of heat input; or (2.3E-05 lb per MMBtu of heat input). 620 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (410 ppm by volume on a dry basis corrected to 3 percent oxygen, 10-day rolling average).	Collect a minimum of 3 dscm per run. 1 hr minimum sampling time.
7. Stokers/sloped grate/others designed to burn kiln-dried biomass fuel.	b. Filterable PM (or TSM) . . . . a. CO . . . . .	3.0E-02 lb per MMBtu of heat input; or (2.6E-05 lb per MMBtu of heat input). 460 ppm by volume on a dry basis corrected to 3 percent oxygen.	Collect a minimum of 2 dscm per run. 1 hr minimum sampling time.
8. Fluidized bed units designed to burn biomass/bio-based solids.	b. Filterable PM (or TSM) . . . . a. CO (or CEMS) . . . . .	3.2E-01 lb per MMBtu of heat input; or (4.0E-03 lb per MMBtu of heat input). 230 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (310 ppm by volume on a dry basis corrected to 3 percent oxygen, 30-day rolling average).	Collect a minimum of 2 dscm per run. 1 hr minimum sampling time.
9. Suspension burners designed to burn biomass/bio-based solids.	b. Filterable PM (or TSM) . . . . a. CO (or CEMS) . . . . .	9.8E-03 lb per MMBtu of heat input; or (8.3E-05 lb per MMBtu of heat input). 2,400 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (2,000 ppm by volume on a dry basis corrected to 3 percent oxygen, 10-day rolling average).	Collect a minimum of 3 dscm per run. 1 hr minimum sampling time.
10. Dutch Ovens/Pile burners designed to burn biomass/bio-based solids.	b. Filterable PM (or TSM) . . . . a. CO (or CEMS) . . . . .	5.1E-02 lb per MMBtu of heat input; or (6.5E-03 lb per MMBtu of heat input). 810 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (520 ppm by volume on a dry basis corrected to 3 percent oxygen, 10-day rolling average).	Collect a minimum of 2 dscm per run. 1 hr minimum sampling time.
11. Fuel cell units designed to burn biomass/bio-based solids.	b. Filterable PM (or TSM) . . . . a. CO . . . . .	3.6E-02 lb per MMBtu of heat input; or (3.9E-05 lb per MMBtu of heat input). 910 ppm by volume on a dry basis corrected to 3 percent oxygen.	Collect a minimum of 2 dscm per run. 1 hr minimum sampling time.
12. Hybrid suspension grate boiler designed to burn biomass/bio-based solids.	b. Filterable PM (or TSM) . . . . a. CO (or CEMS) . . . . .	2.0E-02 lb per MMBtu of heat input; or (2.9E-05 lb per MMBtu of heat input). 1,500 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (900 ppm by volume on a dry basis corrected to 3 percent oxygen, 30-day rolling average).	Collect a minimum of 2 dscm per run. 1 hr minimum sampling time.
13. Units designed to burn liquid fuel.	b. Filterable PM (or TSM) . . . . a. HCl . . . . .	2.6E-02 lb per MMBtu of heat input; or (4.4E-04 lb per MMBtu of heat input). 1.2E-03 lb per MMBtu of heat input.	Collect a minimum of 3 dscm per run. For M26A: Collect a minimum of 2 dscm per run; for M26, collect a minimum of 240 liters per run.

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14. Units designed to burn heavy liquid fuel.	b. Mercury .....	4.9E-07 <sup>a</sup> lb per MMBtu of heat input.	For M29, collect a minimum of 4 dscm per run; for M30A or M30B, collect a minimum sample as specified in the method; for ASTM D6784 <sup>b</sup> collect a minimum of 4 dscm. 1 hr minimum sampling time.
	a. CO (or CEMS) .....	130 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or (18 ppm by volume on a dry basis corrected to 3 percent oxygen, 10-day rolling average).	
15. Units designed to burn light liquid fuel.	b. Filterable PM (or TSM) .....	1.3E-03 lb per MMBtu of heat input; or (7.5E-05 lb per MMBtu of heat input).	Collect a minimum of 3 dscm per run.
	a. CO (or CEMS) .....	130 <sup>a</sup> ppm by volume on a dry basis corrected to 3 percent oxygen; or (60 ppm by volume on a dry basis corrected to 3 percent oxygen, 1-day block average)..	1 hr minimum sampling time.
16. Units designed to burn liquid fuel that are non-continental units.	b. Filterable PM (or TSM) .....	1.1E-03 <sup>a</sup> lb per MMBtu of heat input; or (2.9E-05 lb per MMBtu of heat input).	Collect a minimum of 3 dscm per run.
	a. CO .....	130 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average based on stack test; or (91 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-hour rolling average).	1 hr minimum sampling time.
17. Units designed to burn gas 2 (other) gases.	b. Filterable PM (or TSM) .....	2.3E-02 lb per MMBtu of heat input; or (8.6E-04 lb per MMBtu of heat input).	Collect a minimum of 2 dscm per run.
	a. CO .....	130 ppm by volume on a dry basis corrected to 3 percent oxygen.	1 hr minimum sampling time.
	b. HCl .....	1.7E-03 lb per MMBtu of heat input.	For M26A, Collect a minimum of 2 dscm per run; for M26, collect a minimum of 240 liters per run.
	c. Mercury .....	7.9E-06 lb per MMBtu of heat input.	For M29, collect a minimum of 3 dscm per run; for M30A or M30B, collect a minimum sample as specified in the method; for ASTM D6784 <sup>b</sup> collect a minimum of 3 dscm.
	d. Filterable PM (or TSM) .....	6.7E-03 lb per MMBtu of heat input; or (2.1E-04 lb per MMBtu of heat input).	Collect a minimum of 3 dscm per run.

<sup>a</sup> If you are conducting stack tests to demonstrate compliance and your performance tests for this pollutant for at least 2 consecutive years show that your emissions are at or below this limit and you are not required to conduct testing for CEMS or CPMS monitor certification, you can skip testing according to §63.7515 if all of the other provision of §63.7515 are met. For all other pollutants that do not contain a footnote "a", your performance tests for this pollutant for at least 2 consecutive years must show that your emissions are at or below 75 percent of this limit in order to qualify for skip testing.

<sup>b</sup> Incorporated by reference, see §63.14.

[78 FR 7210, Jan. 31, 2013]