

Environmental Protection Agency

Pt. 60, Subpt. DDDD, Table 8

TABLE 7 TO SUBPART DDDD OF PART 60—MODEL RULE—EMISSION LIMITATIONS THAT APPLY TO ENERGY RECOVERY UNITS AFTER MAY 20, 2011—Continued

For the air pollutant	You must meet this emission limitation ^a		Using this averaging time	And determining compliance using this method
	Liquid/gas	Solids		
Oxides of nitrogen	76 parts per million dry volume.	Biomass—290 parts per million dry volume. Coal—340 parts per million dry volume.	3-run average (1 hour minimum sample time per run).	Performance test (Method 7E at 40 CFR part 60, appendix A-4). Use a span gas with a concentration of 150 ppm or less for liquid/gas fuel boilers. Use a span gas with a concentration of 700 ppm or less for solid fuel boilers.
Particulate matter filterable.	110 milligrams per dry standard cubic meter.	250 milligrams per dry standard cubic meter or 30-day rolling average if PM CEMS is required or being used.	3-run average (collect a minimum volume of 1 dry standard cubic meter).	Performance test (Method 5 or 29 at 40 CFR part 60, appendix A-3 or appendix A-8) if the unit has a design capacity less than or equal to 250 MMBtu/hr; or PM CEMS (performance specification 11 of appendix B of this part) if the unit has a design capacity greater than 250 MMBtu/hr. Use Method 5 or 5I of Appendix A of this part and collect a minimum sample volume of 1 dscm for the PM CEMS correlation testing.
Sulfur dioxide	720 parts per million dry volume.	Biomass—6.2 parts per million dry volume. Coal—650 parts per million dry volume.	3-run average (1 hour minimum sample time per run).	Performance test (Method 6 or 6c at 40 CFR part 60, appendix A-4). Use a span gas with a concentration of 20 ppm or less for biomass-fed boilers. Use a span gas with a concentration of 1500 ppm or less for liquid/gas and coal-fed boilers.
Fugitive ash	Visible emissions for no more than 5 percent of the hourly observation period.	Visible emissions for no more than 5 percent of the hourly observation period.	Three 1-hour observation periods.	Visible emission test (Method 22 at 40 CFR part 60, appendix A-7).

^a All emission limitations (except for opacity) are measured at 7 percent oxygen, dry basis at standard conditions. For dioxins/furans, you must meet either the total mass basis limit or the toxic equivalency basis limit.
^b Incorporated by reference, see § 60.17.

EFFECTIVE DATE NOTE: At 76 FR 15486, Mar. 21, 2011, table 7 to subpart DDDD is added, effective May 20, 2011. At 76 FR 28661, May 18, 2011, the amendment was delayed indefinitely.

TABLE 8 TO SUBPART DDDD OF PART 60—MODEL RULE—EMISSION LIMITATIONS THAT APPLY TO WASTE-BURNING KILNS AFTER MAY 20, 2011

Pt. 60, Subpt. DDDD, Table 9

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TABLE 8 TO SUBPART DDDD OF PART 60—MODEL RULE—EMISSION LIMITATIONS THAT APPLY TO WASTE-BURNING KILNS AFTER MAY 20, 2011

For the air pollutant	You must meet this emission limitation ^a	Using this averaging time	And determining compliance using this method
Cadmium	0.00048 milligrams per dry standard cubic meter.	3-run average (collect a minimum volume of 2 dry standard cubic meters).	Performance test (Method 29 at 40 CFR part 60, appendix A–8).
Carbon monoxide	110 parts per million dry volume.	3-run average (1 hour minimum sample time per run).	Performance test (Method 10 at 40 CFR part 60, appendix A–4). Use a span gas with a concentration of 200 ppm or less.
Dioxins/furans (total mass basis).	0.02 nanograms per dry standard cubic meter.	3-run average (collect a minimum volume of 1 dry standard cubic meter).	Performance test (Method 23 at 40 CFR part 60, appendix A–7).
Dioxins/furans (toxic equivalency basis).	0.0070 nanograms per dry standard cubic meter.	3-run average (collect a minimum volume of 1 dry standard cubic meter).	Performance test (Method 23 at 40 CFR part 60, appendix A–7).
Hydrogen chloride	25 parts per million dry volume.	3-run average (collect a minimum volume of 1 dry standard cubic meter) or 30-day rolling average if HCl CEMS is being used.	Performance test (Method 321 at 40 CFR part 63, appendix A) or HCl CEMS if a wet scrubber is not used.
Lead	0.0026 milligrams per dry standard cubic meter.	3-run average (collect a minimum volume of 2 dry standard cubic meters).	Performance test (Method 29 at 40 CFR part 60, appendix A–8).
Mercury	0.0079 milligrams per dry standard cubic meter.	30-day rolling average	Mercury CEMS or sorbent trap monitoring system (performance specification 12A or 12B, respectively, of appendix B of this part.)
Oxides of nitrogen	540 parts per million dry volume.	3-run average (1 hour minimum sample time per run).	Performance test (Method 7E at 40 CFR part 60, appendix A–4). Use a span gas with a concentration of 1,000 ppm or less.
Particulate matter filterable	6.2 milligrams per dry standard cubic meter.	30-day rolling average	PM CEMS (performance specification 11 of appendix B of this part; Use Method 5 or 5I of Appendix A of this part and collect a minimum sample volume of 2 dscm for the PM CEMS correlation testing.)
Sulfur dioxide	38 parts per million dry volume.	3-run average (1 hour minimum sample time per run).	Performance test (Method 6 or 6c at 40 CFR part 60, appendix A–4). Use a span gas with a concentration of 80 ppm or less.

^a All emission limitations (except for opacity) are measured at 7 percent oxygen, dry basis at standard conditions. For dioxins/furans, you must meet either the total mass basis limit or the toxic equivalency basis limit.

EFFECTIVE DATE NOTE: At 76 FR 15488, Mar. 21, 2011, table 8 to subpart DDDD is added, effective May 20, 2011. At 76 FR 28661, May 18, 2011, the amendment was delayed indefinitely.

TABLE 9 TO SUBPART DDDD OF PART 60—MODEL RULE—EMISSION LIMITATIONS THAT APPLY TO SMALL, REMOTE INCINERATORS AFTER MAY 20, 2011

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For the air pollutant	You must meet this emission limitation ^a	Using this averaging time	And determining compliance using this method
Cadmium	0.61 milligrams per dry standard cubic meter.	3-run average (collect a minimum volume of 1 dry standard cubic meter).	Performance test (Method 29 at 40 CFR part 60, appendix A–8).