

Pt. 60, Subpt. CCCC, Table 7

40 CFR Ch. I (7-1-12 Edition)

TABLE 6 TO SUBPART CCCC OF PART 60—EMISSION LIMITATIONS FOR ENERGY RECOVERY UNITS THAT COMMENCED CONSTRUCTION AFTER JUNE 4, 2010, OR THAT COMMENCED RECONSTRUCTION OR MODIFICATION AFTER SEPTEMBER 21, 2011—Continued

For the air pollutant	You must meet this emission limitation <sup>a</sup>		Using this averaging time	And determining compliance using this method
	Liquid/gas	Solids		
Mercury .....	0.00025 milligrams per dry standard cubic meter.	0.00033 milligrams per dry standard cubic meter.	3-run average (collect enough volume to meet an in-stack detection limit data quality objective of 0.03 ug/dscm).	Performance test (Method 29 or 30B at 40 CFR part 60, appendix A-8) or ASTM D6784-02 (Re-approved 2008). <sup>b</sup> .
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.	3-run average (collect a minimum volume of 1 dry standard cubic meter per run).	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 250 MMBtu/hr; or PM CEMS (performance specification 11 of appendix B of this part) if the unit has a design capacity equal to or 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 per test run 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 a biomass-fed boiler. Use a span gas with a concentration of 1500 ppm or less for a liquid/gas boiler or coal-fed boiler.

<sup>a</sup> All emission limitations 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.  
<sup>b</sup> Incorporated by reference, see § 60.17.

TABLE 7 TO SUBPART CCCC OF PART 60—EMISSION LIMITATIONS FOR WASTE-BURNING KILNS THAT COMMENCED CONSTRUCTION AFTER JUNE 4, 2010, OR RECONSTRUCTION OR MODIFICATION AFTER SEPTEMBER 21, 2011

EFFECTIVE DATE NOTE: At 76 FR 15467, Mar. 21, 2011, table 7 to subpart CCCC of part 60 was added, effective May 20, 2011. At 76 FR 28661, May 18, 2011, the addition was delayed indefinitely.

Environmental Protection Agency

Pt. 60, Subpt. CCCC, Table 8

TABLE 7 TO SUBPART CCCC OF PART 60—EMISSION LIMITATIONS FOR WASTE-BURNING KILNS THAT COMMENCED CONSTRUCTION AFTER JUNE 4, 2010, OR RECONSTRUCTION OR MODIFICATION AFTER SEPTEMBER 21, 2011

For the air pollutant	You must meet this emission limitation <sup>a</sup>	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 4 dry standard cubic meters per run).	Performance test (Method 29 at 40 CFR part 60, appendix A-8). Use ICPMS for the analytical finish.
Carbon monoxide .....	90 parts per million dry volume.	30-day rolling average .....	Carbon monoxide CEMS (Performance Specification 4A of this part, using an RA of 1 ppm instead of 5 ppm as specified in section 13.2. For the cylinder gas audit, ± 15% or 0.5 ppm, whichever is greater). Use a span gas with a concentration of 200 ppm or less.
Dioxins/furans (total mass basis).	0.090 nanograms per dry standard cubic meter.	3-run average (collect a minimum volume of 4 dry standard cubic meters per run).	Performance test (Method 23 at 40 CFR part 60, appendix A-7).
Dioxins/furans (toxic equivalency basis).	0.0030 nanograms per dry standard cubic meter.	3-run average (collect a minimum volume of 4 dry standard cubic meters).	Performance test (Method 23 at 40 CFR part 60, appendix A-7).
Hydrogen chloride .....	3.0 parts per million dry volume.	3-run average (1 hour minimum sample time per run) or 30-day rolling average if HCl CEMS are 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 4 dry standard cubic meters).	Performance test (Method 29 at 40 CFR part 60, appendix A-8). Use ICPMS for the analytical finish.
Mercury .....	0.0062 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 .....	200 <sup>b</sup> parts per million dry volume.	30-day rolling average .....	NO <sub>x</sub> Continuous Emissions Monitoring System (performance specification 2 of appendix B of this part). Use a span gas with a concentration of 400 ppm or less.
Particulate matter (filterable) ...	2.5 milligrams per dry standard cubic meter.	30-day rolling average .....	PM Continuous Emissions Monitoring System (performance specification 11 of appendix B of this part).
Sulfur dioxide .....	38 parts per million dry volume.	30-day rolling average .....	Sulfur dioxide Continuous Emissions Monitoring System (performance specification 2 of appendix B of this part). Use a span gas with a concentration of 100 ppm or less.

<sup>a</sup> All emission limitations 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.  
<sup>b</sup> NO<sub>x</sub> limits for new waste-burning kilns based on data for best-performing similar source, Portland Cement kilns. See "CISWI Emission Limit Calculations for Existing and New Sources" for details.

TABLE 8 TO SUBPART CCCC OF PART 60—EMISSION LIMITATIONS FOR SMALL, REMOTE INCINERATORS THAT COMMENCED CONSTRUCTION AFTER JUNE 4, 2010, OR THAT COMMENCED RECONSTRUCTION OR MODIFICATION AFTER SEPTEMBER 21, 2011

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