

Environmental Protection Agency

Pt. 60, Subpt. CCCC, Table 7

| For the air pollutant | You must meet this emission limitation ^a | | Using this averaging time | And determining compliance using this method |
|----------------------------------|---|---|---|--|
| | Liquid/gas | Solids | | |
| Hydrogen chloride .. | 14 parts per million dry volume. | Biomass—0.20 parts per million dry volume. Coal—13 parts per million dry volume. | 3-run average (For Method 26, collect a minimum volume of 360 liters per run. For Method 26A, collect a minimum volume of 3 dry standard cubic meters per run). | Performance test (Method 26 or 26A at 40 CFR part 60, appendix A-8). |
| Lead | 0.096 milligrams per dry standard cubic meter. | Biomass—0.014 milligrams per dry standard cubic meter. ^c Coal—0.14 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. |
| Mercury | 0.00056 milligrams per dry standard cubic meter. ^c | Biomass—0.0022 milligrams per dry standard cubic meter. Coal—0.016 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 (Reapproved 2008)b. |
| 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 (for Method 7E, 1 hour minimum sample time per run). | Performance test (Method 7 or 7E at 40 CFR part 60, appendix A-4). |
| Particulate matter (filterable). | 110 milligrams per dry standard cubic meter. | Biomass—5.1 milligrams per dry standard cubic meter. Coal—160 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 an annual average heat input rate less than 250 MMBtu/hr; or PM CPMS (as specified in § 60.2145(x)) if the unit has an annual average heat input rate equal to or greater than 250 MMBtu/hr. |
| Sulfur dioxide | 720 parts per million dry volume. | Biomass—7.3 parts per million dry volume. Coal—650 parts per million dry volume. | 3-run average (for Method 6, collect a minimum of 60 liters, for Method 6C, 1 hour minimum sample time per run). | Performance test (Method 6 or 6C at 40 CFR part 60, appendix A-4). |

^a 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.
^b Incorporated by reference, see § 60.17.

[76 FR 15763, Mar. 21, 2011, as amended at 78 FR 9192, Feb. 7, 2013]

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 AUGUST 7, 2013

| For the air pollutant | You must meet this emission limitation ^a | Using this averaging time | And determining compliance using this method |
|-----------------------|---|--|--|
| Cadmium | 0.0014 milligrams per dry standard cubic meter. ^b | 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 (long kilns)/190 (preheater/precalciner) 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). |

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|---|---|--|--|
| Dioxins/furans (total mass basis). | 0.51 nanograms per dry standard cubic meter. ^b | 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). | 0.075 nanograms per dry standard cubic meter. ^b | 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. ^b | 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 or dry scrubber is not used. |
| Lead | 0.014 milligrams per dry standard cubic meter. ^b | 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 | 0.0037 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 parts per million dry volume. | 30-day rolling average | NOx CEMS (performance specification 2 of appendix B and procedure 1 of appendix F of this part). |
| Particulate matter (filterable) ... | 2.2 milligrams per dry standard cubic meter. | 30-day rolling average | PM CPMS (as specified in § 60.2145(x)). |
| Sulfur dioxide | 28 parts per million dry volume. | 30-day rolling average | Sulfur dioxide CEMS (performance specification 2 of appendix B and procedure 1 of appendix F of this part). |

^a 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.

^b 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, you can skip testing according to § 60.2155 if all of the other provisions of § 60.2155 are met. For all other pollutants that do not contain a footnote “b”, 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.

[78 FR 9193, Feb. 7, 2013]

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 AUGUST 7, 2013

| For the air pollutant | You must meet this emission limitation ^a | Using this averaging time | And determining compliance using this method |
|---|--|--|---|
| Cadmium | 0.67 milligrams per dry standard cubic meter. | 3-run average (collect a minimum volume of 1 dry standard cubic meters per run). | Performance test (Method 29 at 40 CFR part 60, appendix A–8). |
| Carbon monoxide | 13 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). |
| Dioxins/furans (total mass basis). | 1,800 nanograms per dry standard cubic meter. ^b | 3-run average (collect a minimum volume of 1 dry standard cubic meters per run). | Performance test (Method 23 at 40 CFR part 60, appendix A–7). |
| Dioxins/furans (toxic equivalency basis). | 31 nanograms per dry standard cubic meter. ^b | 3-run average (collect a minimum volume of 1 dry standard cubic meters). | Performance test (Method 23 at 40 CFR part 60, appendix A–7). |
| Fugitive ash | Visible emissions for no more than 5 percent of the hourly observation period. | Three 1-hour observation periods. | Visible emissions test (Method 22 at 40 CFR part 60, appendix A–7). |