

Environmental Protection Agency

Pt. 60, Subpt. LLLL, Table 2

| For the air pollutant | You must meet this emission limit ^a | Using these averaging methods and minimum sampling volumes or durations | And determining compliance using this method |
|--|--|--|--|
| Dioxins/furans (total mass basis); or Dioxins/furans (toxic equivalency basis) ^b | 0.013 nanograms per dry standard cubic meter (total mass basis); or 0.0044 nanograms per dry standard cubic meter (toxic equivalency basis). | 3-run average (collect a minimum volume of 3 dry standard cubic meters per run). | Performance test (Method 23 at 40 CFR part 60, appendix A-7). |
| Mercury | 0.0010 milligrams per dry standard cubic meter. | 3-run average (For Method 29 and ASTM D6784-02 (Re-approved 2008), ^c collect a minimum volume of 3 dry standard cubic meters per run. For Method 30B, collect a minimum sample as specified in Method 30B at 40 CFR part 60, appendix A-8). | Performance test (Method 29 at 40 CFR part 60, appendix A-8; Method 30B at 40 CFR part 60, appendix A-8; or ASTM D6784-02 (Re-approved 2008). ^c |
| Oxides of nitrogen | 30 parts per million by dry volume. | 3-run average (Collect sample for a minimum duration of one hour per run). | Performance test (Method 7 or 7E at 40 CFR part 60, appendix A-4). |
| Sulfur dioxide | 5.3 parts per million by dry volume. | 3-run average (For Method 6, collect a minimum volume of 100 liters per run. For Method 6C, sample for a minimum duration of one hour per run). | Performance test (Method 6 or 6C at 40 CFR part 40, appendix A-4; or ANSI/ASME PTC 19.10-1981. ^c |
| Cadmium | 0.0011 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). Use GFAAS or ICP/MS for the analytical finish. |
| Lead | 0.00062 milligrams per dry standard cubic meter. | 3-run average (collect a minimum volume of 3 dry standard cubic meters per run). | Performance test (Method 29 at 40 CFR part 60, appendix A-8. Use GFAAS or ICP/MS for the analytical finish. |
| Fugitive emissions from ash handling. | Visible emissions of combustion ash from an ash conveying system (including conveyor transfer points) for no more than 5 percent of the hourly observation period. | Three 1-hour observation periods. | Visible emission test (Method 22 of appendix A-7 of this part). |

^a All emission limits are measured at 7 percent oxygen, dry basis at standard conditions.

^b You have the option to comply with either the dioxin/furan emission limit on a total mass basis or the dioxin/furan emission limit on a toxic equivalency basis.

^c Incorporated by reference, see § 60.17.

TABLE 2 TO SUBPART LLLL OF PART 60—EMISSION LIMITS AND STANDARDS FOR NEW
MULTIPLE HEARTH SEWAGE SLUDGE INCINERATION UNITS

| For the air pollutant | You must meet this emission limit ^a | Using these averaging methods and minimum sampling volumes or durations | And determining compliance using this method |
|--------------------------|--|---|---|
| Particulate matter | 60 milligrams per dry standard cubic meter. | 3-run average (collect a minimum volume of 0.75 dry standard cubic meters per run). | Performance test (Method 5 at 40 CFR part 60, appendix A-3; Method 26A or Method 29 at 40 CFR part 60, appendix A-8). |
| Hydrogen chloride | 1.2 parts per million by dry volume. | 3-run average (For Method 26, collect a minimum volume of 200 liters per run. For Method 26A, collect a minimum volume of 1 dry standard cubic meters per run). | Performance test (Method 26 or 26A at 40 CFR part 60, appendix A-8). |

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40 CFR Ch. I (7–1–13 Edition)

| For the air pollutant | You must meet this emission limit ^a | Using these averaging methods and minimum sampling volumes or durations | And determining compliance using this method |
|--|--|--|---|
| Carbon monoxide | 52 parts per million by dry volume. | 24-hour block average (using 1-hour averages of data). | Continuous emissions monitoring system. (Performance Specification 4B of this part, using a low-range span of 100 ppm and a high-range span of 1000 ppm, and a relative accuracy of 0.5 ppm instead of 5 ppm specified in section 13.2. For the cylinder gas audit of Procedure 1, $\pm 15\%$ or 0.5 whichever is greater). |
| Dioxins/furans (total mass basis); or Dioxins/furans (toxic equivalency basis) ^b | 0.045 nanograms per dry standard cubic meter (total mass basis); or 0.0022 nanograms per dry standard cubic meter (toxic equivalency basis). | 3-run average (collect a minimum volume of 3 dry standard cubic meters per run). | Performance test (Method 23 at 40 CFR part 60, appendix A–7). |
| Mercury | 0.15 milligrams per dry standard cubic meter. | 3-run average (For Method 29 and ASTM D6784–02 (Re-approved 2008), ^c collect a minimum volume of 1 dry standard cubic meters per run. For Method 30B, collect a minimum sample as specified in Method 30B at 40 CFR part 60, appendix A–8). | Performance test (Method 29 at 40 CFR part 60, appendix A–8; Method 30B at 40 CFR part 60, appendix A–8; or ASTM D6784–02 (Re-approved 2008). ^c |
| Oxides of nitrogen | 210 parts per million by dry volume. | 3-run average (Collect sample for a minimum duration of one hour per run). | Performance test (Method 7 or 7E at 40 CFR part 60, appendix A–4). |
| Sulfur dioxide | 26 parts per million by dry volume. | 3-run average (For Method 6, collect a minimum volume of 200 liters per run. For Method 6C, collect sample for a minimum duration of one hour per run). | Performance test (Method 6 or 6C at 40 CFR part 40, appendix A–4; or ANSI/ASME PTC 19.10–1981. ^c |
| Cadmium | 0.0024 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). Use GFAAS or ICP/MS for the analytical finish. |
| Lead | 0.0035 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. Use GFAAS or ICP/MS for the analytical finish. |
| Fugitive emissions from ash handling. | Visible emissions of combustion ash from an ash conveying system (including conveyor transfer points) for no more than 5 percent of the hourly observation period. | Three 1-hour observation periods. | Visible emission test (Method 22 of appendix A–7 of this part). |

^a All emission limits are measured at 7 percent oxygen, dry basis at standard conditions.

^b You have the option to comply with either the dioxin/furan emission limit on a total mass basis or the dioxin/furan emission limit on a toxic equivalency basis.

^c Incorporated by reference, see § 60.17.