

**7011.1270 PERFORMANCE TEST, WASTE COMPOSITION STUDY, AND ASH SAMPLING FREQUENCY.**

The owner or operator of a waste combustor shall conduct the performance tests required in part 7011.1265, subpart 5, based on the schedules in items A to E.

A. Class A waste combustors shall conduct performance tests as described in subitems (1) to (6).

(1) Once within the normal start-up.

(2) Once annually after the test in subitem (1), but not more than 12 months following the initial performance test, except that fugitive emissions from ash handling need only to be tested once within normal start-up as required in subitem (1).

(3) If all PCDD/PCDF performance tests for all units for a two-year period indicate that PCDD/PCDF emissions are less than or equal to 15 ng/dscm corrected to seven percent O<sub>2</sub> from each unit, then the owner or operator may choose to test one unit for PCDD/PCDF once annually after the test in subitem (2), but not more than 12 months following the previous performance test. Thereafter, the owner or operator may continue to test a different unit for PCDD/PCDF each year, in sequence (e.g. unit 1, unit 2, etc.). If any annual performance test demonstrates a PCDD/PCDF concentration greater than 15 ng/dscm corrected to seven percent O<sub>2</sub>, performance tests thereafter shall be conducted annually on all units until all annual performance tests for all units for a two-year period indicate a PCDD/PCDF emission concentration less than or equal to 15 ng/dscm.

(4) The owner or operator will specify what the PCDD/PCDF performance testing schedule is each time a pretest notification is given under the conditions of part 7017.2030.

(5) From class A waste combustors that are not burning RDF, for mercury emissions every three months.

The facility may implement testing for mercury not less than once every 12 months under the following conditions: the facility has demonstrated that mercury emissions have been below 50 percent of the facility's permitted long-term limit for three consecutive years.

Waste combustors combusting RDF may choose to conduct performance tests for mercury every 12 months. If a test shows that an emission limit for mercury from a waste combustor combusting RDF is exceeded, the commissioner shall require testing every three months thereafter until compliance with the standard is demonstrated.

(6) A waste composition study every five years.

B. Class II and C waste combustors shall conduct performance tests as described in subitems (1) to (4).

(1) Once within the normal start-up, except as provided in subitem (3).

(2) Once annually after the test in subitem (1), but not more than 12 months following the initial performance test, except as provided in subitem (3). Also, fugitive emissions from ash handling do not need to be tested more frequently than the initial test required in subitem (1). If three annual performance tests for a three-year period show compliance with standards in part 7011.1225, the owner or operator may continue to conduct annual testing, or may choose to conduct performance tests every 2-1/2 years, except as required by subitem (3). At a minimum, a performance test shall be conducted every 2-1/2 years, but no more than 30 months following the previous compliance test. If a performance test indicates noncompliance with applicable standards, the owner or operator shall resume annual testing for three years for that pollutant for which noncompliance was demonstrated. If three annual performance tests for the three-year period show compliance with standards in part 7011.1225, the owner or operator may again conduct performance testing every 2-1/2 years.

(3) For mercury emissions, class C waste combustors shall commence testing June 20, 1995, and continue testing every 90 days until August 1, 1997. Thereafter, class C waste combustors that are not burning RDF shall conduct mercury emissions testing every three months.

The facility may implement testing for mercury not less than once every three years or according to federal applicable requirements, whichever is more stringent, under the following conditions: the facility has demonstrated that mercury emissions have been below 50 percent of the facility's permitted long-term limit for three consecutive years.

If a facility is granted testing for mercury not less than once every three years or according to federal applicable requirements, whichever is more stringent, and a mercury performance test shows mercury emissions greater than 50 percent of the facility's permitted mercury limit, the facility shall conduct annual mercury stack sampling until emissions are below 50 percent of the facility's permitted mercury limit. Once the facility demonstrates that mercury emissions are again below 50 percent of the facility's permitted limit, the facility may resume testing every three years, upon notifying the commissioner in writing.

Waste combustors combusting RDF may choose to conduct performance tests for mercury emissions every 12 months. If a test shows that emission limits for mercury from a waste combustor combusting RDF are exceeded, the commissioner shall require performance testing every three months until compliance is demonstrated.

(4) A waste composition study every five years.

C. Class III and D waste combustors shall conduct performance tests as described in subitems (1) to (6).

(1) Once within the normal start-up.

(2) Every 2-1/2 years after the test in subitem (1), but not more than 30 months following the initial performance test.

(3) For class III waste combustors, emissions of mercury, every three months.

The facility may implement testing for mercury not less than once every three years or according to federal applicable requirements, whichever is more stringent, under the following conditions: the facility has demonstrated that mercury emissions have been below 50 percent of the facility's permitted long-term limit for three consecutive years.

If a facility is granted testing for mercury not less than once every three years or according to federal applicable requirements, whichever is more stringent, and mercury performance test shows mercury emissions greater than 50 percent of the facility's permitted mercury limit, the facility shall conduct annual mercury stack sampling until emissions are below 50 percent of the facility's permitted mercury limit. Once the facility demonstrates that mercury emissions are again below 50 percent of the facility's permitted limit, the facility may resume testing every three years, upon notifying the commissioner in writing.

(4) For Class D waste combustors, emissions of mercury every 2-1/2 years.

(5) For ash, in accordance with part 7045.0131 every 30 months for toxicity by toxic characteristic leach procedure for arsenic, barium, cadmium, chromium, lead, mercury, selenium, and nickel.

(6) A waste composition study every five years.

D. Class IV waste combustors shall conduct performance tests:

(1) once within the normal start-up;

(2) every five years after the test in subitem (1), but not more than 60 months following the initial performance test; and

(3) for ash, in accordance with part 7045.0131 every 60 months for toxic characteristic leach procedure for arsenic, barium, cadmium, chromium, lead, mercury, selenium, and nickel.

E. Class I waste combustors shall conduct performance tests for mercury emissions every three months for waste combustors that are not burning RDF.

The facility may implement testing for mercury not less than once every 12 months under the following conditions: the facility has demonstrated that mercury emissions have been below 50 percent of the facility's permitted long-term limit for three consecutive years.

Waste combustors combusting RDF may choose to conduct performance tests for mercury every 12 months. If a test shows that an emission limit for mercury from a waste combusting RDF is exceeded, the commissioner shall require testing every three months thereafter until compliance with the standard is demonstrated.

Class I waste combustors shall conduct a waste composition study every five years.

**Statutory Authority:** *MS s 115.03; 116.07*

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