7011.1272 MERCURY OR PCDD/PCDF ADDITIVE EQUIPMENT OPERATION, MONITORING, AND REPORTING.

Subpart 1. **Mercury or PCDD/PCDF removal equipment operation.**

A. The owner or operator of a waste combustor using additives for the control of mercury or PCDD/PCDF shall determine and record the average additive mass feed rate, in pounds-per-hour, during the initial and at each subsequent performance test for mercury or PCDD/PCDF. The owner or operator shall correlate this feed rate to an operating parameter of the additive injection system.

B. The owner or operator shall submit the calculations supporting the correlation with the results of the mercury or PCDD/PCDF performance test.

Subp. 2. **Mercury or PCDD/PCDF additive feed rate monitor.**

A. The owner or operator of a waste combustor using additives for the control of mercury or PCDD/PCDF shall install, maintain, and operate at all times a system for monitoring the additive injection system's operating parameter that is the primary indicator of the additive's mass feed rate, as determined by the requirements of subpart 1.

B. The monitored condition must equal or exceed that determined during the most recent mercury or PCDD/PCDF performance test that demonstrated compliance with the emission limit.

Subp. 3. **Record keeping and recording of additive use.**

A. The owner or operator shall maintain a record of the average additive mass feed rate for each hour of operation, as measured by the operating parameter required in subpart 2. If the operating parameter is not a direct measurement of the mass feed rate of the additive, then the record shall contain the calculations supporting the correlation between the mass feed rate and the measured operating parameter.

The record shall be maintained on site in a form suitable for immediate inspection.

B. During each calendar quarter, the owner or operator shall estimate the total additive used at the waste combustor in pounds or kilograms by two independent means as described in subitems (1) and (2):

(1) the weight of additive delivered to the plant; and

(2) estimate the average additive mass feed rate in pounds per hour, or kilograms per hour, for each hour of operation for each unit, based on the parameters measured in subpart 2. Sum the results of the mass feed rates for all waste combustor units at the plant for the total number of hours of operation during the calendar quarter.

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