§ 62.15360 Can reporting dates be changed?

(a) If the Administrator agrees, you may change the semiannual or annual reporting dates.
(b) See §60.19(c) in subpart A of 40 CFR part 60 for procedures to seek approval to change your reporting date.

AIR CURTAIN INCINERATORS THAT BURN 100 PERCENT YARD WASTE

§ 62.15365 What is an air curtain incinerator?

An air curtain incinerator operates by forcefully projecting a curtain of air across an open chamber or open pit in which combustion occurs. Incinerators of this type can be constructed above or below ground and with or without refractory walls and floor.

§ 62.15370 What is yard waste?

Yard waste is grass, grass clippings, bushes, shrubs, and clippings from bushes and shrubs. They come from residential, commercial/retail, institutional, or industrial sources as part of maintaining yards or other private or public lands. Yard waste does not include two items:

(a) Construction, renovation, and demolition wastes that are exempt from the definition of “municipal solid waste” in §62.15410.
(b) Clean wood that is exempt from the definition of “municipal solid waste” in §62.15410 of this subpart.

§ 62.15375 What are the emission limits for air curtain incinerators that burn 100 percent yard waste?

If your air curtain incinerator combuts 100 percent yard waste, you must meet only the emission limits in this section.

(a) Within 180 days after your final compliance date, you must meet two limits:

(i) Amount of carbon purchased and delivered to the plant.
(ii) Required quarterly usage of carbon.
(iii) Reasons for not meeting the required quarterly usage of carbon.
(iv) The calendar date.
(1) The opacity limit is 10 percent (6-minute average) for air curtain incinerators that can combust at least 35 tons per day of yard waste and no more than 250 tons per day of yard waste.

(2) The opacity limit is 35 percent (6-minute average) during the startup period that is within the first 30 minutes of operation.

(b) Except during malfunctions, the requirements of this subpart apply at all times. Each malfunction must not exceed 3 hours.

§ 62.15380 How must I monitor opacity for air curtain incinerators that burn 100 percent yard waste?

(a) Use EPA Reference Method 9 in appendix A of 40 CFR part 60 to determine compliance with the opacity limit.

(b) Conduct an initial test for opacity as specified in §60.8 of subpart A of 40 CFR part 60.

(c) After the initial test for opacity, conduct annual tests no more than 13 calendar months following the date of your previous test.

§ 62.15385 What are the recordkeeping and reporting requirements for air curtain incinerators that burn 100 percent yard waste?

(a) Provide a notice of construction that includes four items:

(1) Your intent to construct the air curtain incinerator.

(2) Your planned initial startup date.

(b) Percent reduction in potential mercury emissions. Calculate the percent reduction in potential mercury emissions ($%P_{Hg}$) using equation 2 of this section:

\[
%P_{Hg} = \left( \frac{E_i - E_o}{E_i} \right) \times 100 \quad (\text{Eq. 2})
\]

Where:

$%P_{Hg} = \text{percent reduction of potential mercury emissions}$

$E_i = \text{mercury emission concentration as measured at the air pollution control device inlet, corrected to 7 percent oxygen, dry basis}$

$E_o = \text{uncorrected pollutant concentration, concentration of oxygen (%)}$. 

$C_{7\%} = C_{unc} * (13.9) * \left(1 / (20.9 - CO_2)\right) \quad (\text{Eq. 1})$