§ 60.1925 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 this part to determine compliance with the opacity limit.
(b) Conduct an initial test for opacity as specified in §60.8.
(c) After the initial test for opacity, conduct annual tests no more than 13 calendar months following the date of your previous test.

§ 60.1930 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.
3. Types of fuels you plan to combust in your air curtain incinerator.
4. The capacity of your incinerator, including supporting capacity calculations, as specified in §60.1935(d) and (e).

Equations

§ 60.1935 What equations must I use?

(a) Concentration correction to 7 percent oxygen. Correct any pollutant concentration to 7 percent oxygen using equation 1 of this section:

\[
C_{7\%} = C_{unc} \ast (13.9) \ast \left(1 / (20.9 - CO_2)\right)
\]

(Eq. 1)

Where:

- \(C_{7\%}\) = concentration corrected to 7 percent oxygen.
- \(C_{unc}\) = uncorrected pollutant concentration.
- \(CO_2\) = concentration of oxygen (percent).

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

\[
%P_{Hg} = \left(E_i - E_o\right) \ast \left(100 / E_i\right)
\]

(Eq. 2)