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## 40 C.F.R. § 60.1935

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### What equations must I use?

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

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

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:

$$\%P_{Hg} = (E_i - E_o) * (100 / E_i) \quad (\text{Eq. 2})$$

Where:

% $P_{Hg}$  = percent reduction of potential mercury emissions  $E_i$  = mercury emission concentration as measured at the air pollution control device inlet, corrected to 7 percent oxygen, dry basis  $E_o$  = mercury emission concentration as measured at the air pollution control device outlet, corrected to 7 percent oxygen, dry basis

(c) *Percent reduction in potential hydrogen chloride emissions.* Calculate the percent reduction in potential hydrogen chloride emissions (% $P_{HCl}$ ) using equation 3 of this section:

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