COSMOS
Navigate the Compliance Universe

40 C.F.R. § 60.1460

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:

$C_7\% = C_{unc} * (13.9) * (1/(20.9-CO_2))$ (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:

$\%P_{Hg} = (E_{i-o}) * (100/E_i)$ (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

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