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## 40 C.F.R. § 98.213

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### Calculating GHG emissions.

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You must determine CO<sub>2</sub> process emissions from carbonate use in accordance with the procedures specified in either paragraphs (a) or (b) of this section.

(a) Calculate the process emissions of CO<sub>2</sub> using calcination fractions with Equation U-1 of this section.

$$E_{CO_2} = \sum_{i=1}^n M_i * EF_i * F_i * \frac{2000}{2205} \quad (\text{Eq. U-1})$$

Where:

$E_{CO_2}$  = Annual CO<sub>2</sub> mass emissions from consumption of carbonates (metric tons).  $M_i$  = Annual mass of carbonate type i consumed (tons).  $EF_i$  = Emission factor for the carbonate type i, as specified in Table U-1 to this subpart, metric tons CO<sub>2</sub>/metric ton carbonate consumed.  $F_i$  = Fraction calcination achieved for each particular carbonate type i (decimal fraction). As an alternative to measuring the calcination fraction, a value of 1.0 can be used.  $n$  = Number of carbonate types.  $2000/2205$  = Conversion factor to convert tons to metric tons.

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