

3.4 How are emissions and heat input rates determined from CEMS data?

The methods for calculating emissions and heat input rates from CEM data are shown in Table 6. This table presents the general equations used to convert monitoring data into the units of measure required by Part 75 (i.e., either mass per unit of time (lb/hr or tons/hr), mass per unit of heat input (e.g., lb/mmBtu), or simply mass (pounds or tons). The equations are somewhat different for each parameter monitored, but are based on the same principles. These principles are explained below.