

3.4.4 Converting hourly mass emission rates and heat input rates

To convert an hourly pollutant mass emission rate (e.g., lb/hr) to mass (e.g., lb), or to convert an hourly heat input rate (mmBtu/hr) to heat input (mmBtu), multiply the emission (or heat input) rate by the operating time. The operating time, t_{op} , is defined as the fraction of the hour in which the unit combusts fuel. For units sharing a common stack, if the CEMS are installed on the stack, the operating time is the fraction of the hour that exhaust gases flow through the stack. For example, $t_{op} = 1.00$ for a full hour of unit operation, 0.50 for a half-hour of unit operation, etc.