

$$\begin{aligned}
 & ME \left( \frac{1b \text{ Emitted Metal}}{hr} \right) = \\
 & PME \left( \frac{1b \text{ PM}}{hr} \right) DMC \left( \frac{1b \text{ Dust Metal}}{1b \text{ Dust}} \right) EF \left( \frac{1b \text{ Emitted Metal} / 1b \text{ PM}}{1b \text{ Dust Metal} / 1b \text{ Dust}} \right) \quad (1)
 \end{aligned}$$