

$$IR_{mammal} = 379 * (AW_{mammal})^{0.80} * 60 * A$$

IR_{mammal} = Inhalation rate of assessed mammal

379 = Constant

AW_{mammal} = Body weight of assessed mammal

60 = Hours to minutes conversion

A = Activity factor:conversion of resting rate inhalation

1,000,000 = Conversion factor