

Lesson 4. Stoichiometric air requirement calculation

Question Bank

1. The molecular weight of carbon dioxide is _____
2. ____ kg of oxygen is required to burn one kg of methane.
3. The amount of oxygen in air is _____% by weight
4. If the fuel has one kg of sulphur, on complete combustion it produces _____ kg of SO_2
5. More amount of oxygen in the combustion product indicate _____ combustion
6. Give the step by step procedure for the determination of stoichiometric air requirement.
7. How to assess the products of combustion of a fuel.