

Download Combustion Books

Combustion, or burning, is a high-temperature exothermic redox chemical reaction between a fuel (the reductant) and an oxidant, usually atmospheric oxygen, that produces oxidized, often gaseous products, in a mixture termed as smoke. A combustion chamber is that part of an internal combustion engine (ICE) or a reaction engine in which the fuel/air mix is burned. Tools Required for Testing. For people working in the building performance, weatherization or HVAC industries, we recommend you carry and use a combustion analyzer, personal CO monitor, draft gauge, and a smoke pencil. Combustion is a process involving the reaction of a fuel and an oxidizer, in which the chemical energy stored in the fuel is released.