

## Oxygen Cutting

### OC

Also known as Oxygen Fuel Gas Cutting, Acetylene Cutting, Gas Cutting and Burning, is a thermal process used to sever metals by heating the metal with a flame to an elevated temperature and using pure oxygen to oxidize the metal and produce the cut. Different fuel gases can be used including acetylene, natural gas, propane and various tradename gases. The process is normally applied manually with hand-held torches or by machine with highly accurate tracing devices and multi-torches for cutting simultaneously shapes. It is used to cut thin to very thick metals, primarily steels: however, with various arrangements it can be used on other metals. Manual oxygen cutting requires a fairly high degree of flame cutter skill.



