



Acetylene

Acetylene is a flammable, colourless gas with a distinct odour. The hottest and most efficient of all fuel gases, acetylene is also the most versatile and provides high levels of productivity thanks to good localised heating with a minimum of thermal waste. It is safe to use underground, because it is lighter than air, has a low ignition energy and low moisture in the flame.

A low flame moisture content makes this fuel gas a good choice for many critical heating processes. Typical applications include welding, Oxy-acetylene cutting, flame heating, flame gouging, flame hardening, flame cleaning, flame straightening, spot heating and brazing.

It is especially important for acetylene cylinders to be stored upright to prevent the gas separating from the acetone. This is so critical as cylinders should be allowed to rest for at least 1-2 hours if they have been moved about in the workplace or just received from the supplier.