

Flame Cutting

Much about using the equipment safely depends on good preparation:

- Flame cutting using oxy-acetylene or propane-oxygen is a fast way to cut steel, but it can only be carried out by trained personnel.
- You will need to have a Hot Work Permit issued before you commence.
- Gas bottles must only be moved around the site in a purpose made lifting frame. Do not use a crane to lift a bottle trolley.
- Do not roll cylinders.
- Ensure your equipment is in good condition, e.g., hoses, valves, torch. Ensure all hose fittings are crimped, flashback arrestors are in place on bottles and non return valves on the torch.
- Always use the fuel gas cylinder in an upright secure position.
- An appropriate fire extinguisher must be present.
- Always follow the correct purging and lighting procedure.
- Always ensure you are wearing the correct PPE.
- At the end of the shift, ensure all lines are empty and cylinder valves are closed.
- Cylinders must be stored correctly in a ventilated cage, upright and secure.
- Separate gas and oxygen cylinders, also full and empties. Keep them 3m apart.



Q. What must be issued before you commence work?

Q. How should the fuel gas cylinder be used?

Q. How far apart should gas and oxygen cylinders be separated?