

## Oxy/Acetylene Checklist

Important: There are strict controls on the use of acetylene on University property, acetylene should not be used if it is possible to use another gas in its place.

Where the use of acetylene is necessary then only the minimum quantity will be allowed on site and the cylinders must be attended at all times (including break times). Should the fire alarm in the building sound then cylinder's must be isolated (and where possible) removed from the building during the evacuation process. All gas cylinders must be removed from site every night.

**Note:** This checklist must be used in conjunction with the hot work permit when Oxy/Acetylene cylinders are used on site.

|   |            |           |            |
|---|------------|-----------|------------|
| <b>Gas Cylinders</b>  | <b>Yes</b> | <b>No</b> | <b>N/A</b> |
| Are the cylinders secured in a carrier in the upright position?                                     |            |           |            |
| Is a cylinder key available?  |            |           |            |
| <b>PPE</b>  |            |           |            |
| Are fire retardant gloves to hand?  |            |           |            |
| Is suitable (PPE available?   |            |           |            |
| <b>Regulators</b>   | <b>Yes</b> | <b>No</b> | <b>N/A</b> |
| Are regulators the correct type in good order and is the tag in date?                               |            |           |            |
| Are connection nuts in good order?  |            |           |            |
| Is the oxygen regulator free from grease and oil?   |            |           |            |
| Are flash back arrestors fitted?  |            |           |            |
| <b>Hoses</b>  | <b>Yes</b> | <b>No</b> | <b>N/A</b> |
| Are hoses in good order?  |            |           |            |
| Are clips factory fitted (not jubilee clips etc)  |            |           |            |
| Note: Spliced hoses must be checked   |            |           |            |
| <b>Cutting torch/welding torch</b>  | <b>Yes</b> | <b>No</b> | <b>N/A</b> |
| Is the torch suitable and in good condition with no leaks from valves, shank, mixer or connections? |            |           |            |
| Is the nozzle seated correctly?   |            |           |            |

| Print Name | Sign Name | Date |
|------------|-----------|------|
|            |           |      |