

| Prepared By: | | | Copy No.: | 1 | | |
|----------------|---|----------|----------------|-------------|----------------|--|
| Title: | | | | | | |
| | | | • | • | | |
| Reviewed by: | Carl Edwards | | Authorised by: | Malcolm Coa | Malcolm Coates | |
| Title: | HSQE Advisor | | Title: | HSQE Manag | HSQE Manager | |
| | | | | | | |
| Date of Issue: | : 13/01/2020 | | Review Date: | 13/01/2023 | 13/01/2023 | |
| Reference No.: | Use of Oxy/Acetylene for Metal Cutting | | Version No.: | 01 | 01 | |
| Supersedes: | - | | Version No.: | - | - | |
| - | | | T | 1 | 1 | |
| Amendment No. | Section No. | Page No. | Paragraph No. | Date | Amended By | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |







Risk Element

- Fire;
- Exposure to fumes;
- Eye injury;
- Burn injury;
- Danger to third parties.

Precautions to Eliminate/Reduce Risk

- No employee is permitted to use the Oxy-Acetylene equipment unless they have received the necessary training;
- Wear issued protective workwear, Eye protection, Heat resistant gloves, Safety footwear;
- Use respiratory protective equipment;
- Pre use checks in accordance with training;
- Removal of combustibles:
- Check portable dust/fume extraction is working;
- Know the location of fire extinguishers.

Safe Working Method

- Ensure work area is clear of any combustibles, e.g. oil, plastic, paper, etc.;
- Ensure that the workpiece is suitably secured before commencing work;
- Visually inspect equipment i.e. condition of regulators, pipes and nozzle;
- Remove bystanders that are not involved in the procedure;
- Follow manufacturer's instructions as to lighting up and shutting down torch;
- Switch off and isolate Oxygen-Acetylene equipment;
- Ventilate work area or position portable dust/ fume extraction unit:
- On completion of work, check surrounding area for smouldering. Clean area, and Re-check for smouldering after 30 minutes.

Action in an Emergency

- Switch off and isolate Oxygen-Acetylene equipment;
- FIRE: Raise the alarm, attempt to extinguish fire (if safe and without risk);
- Remove injured person(s) from danger area (if safe and without risk);
- Render first aid & report to a Manager/Supervisor.