

Risk Element

- Eye injury;
- Burn injury;
- Exposure to toxic fumes;
- Sprains/strains;
- Slips/trips and falls;
- Trapped fingers;
- Skin contact;
- Electrocution.

Precautions to Eliminate/Reduce Risk

- Wear issued protective workwear, Safety footwear and when necessary, Eye protection, gloves (to prevent burns and traps/pinches), Bench mounted Local Exhaust Ventilation (LEV) (for soldering fumes);
- Check any tools before use for damage/wear and report any defects to supervision;
- Ensure that any electrical equipment has been tested and displays in date certification;
- Use mechanical lifting aids to move heavy items;
- Carry out pre use checks on work equipment to ensure machinery is correctly guarded all handles are correctly fitted to tools and you can grip correctly, If using tools where skin can be trapped, wear gloves;
- Certain specialist machines and hand tools will require a training element before use. Check with supervision if this is required;
- Ensure work area is kept free of obstacles to prevent slips, trips and falls.

Safe Working Method

- Work safely at all times, complying with health and safety and other relevant regulations, directives and guidelines;
- Follow the relevant instructions, assembly drawings and any other specifications;
- Ensure that the specified components are available and that they are in a usable condition;
- Use the appropriate methods and techniques to assemble the wires and components in their correct positions in accordance with training;
- Secure the components using the specified connectors and securing devices;
- Check the completed assembly to ensure that all operations have been completed and the finished assembly meets the required specification;
- Deal promptly and effectively with problems within your control and report those that cannot be solved to supervision;
- Use correct type and size of tools for the job;
- Be aware of repetitive strain injury and rotate jobs around where constant tool handling can cause this condition.