

Orange:
**FORMAL
INDUCTION**

Soldering Station

ANU MakerSpace Safe Operating Procedure:

Medium Risk Equipment - risk of electric shock and burns.

PPE: Safety glasses and closed toe shoes.

Pre-operational Checks

1. Ensure fume extraction is on.
2. Never solder live equipment.
3. NEVER work on mains voltage equipment (Alternative Current, 240V). Seek support from an authorised technician via MakerSpace staff.
4. Determine the risk of the situation - if working over 120v DC or higher, ensure a supervisor is present.
5. Ensure components are rated for their operation and aware of their limitations.
6. Determine the risk of fire. Ensure live parts have adequate insulation.
7. Ask for assistance if unsure.

Operational Checks

8. Ensure secure connections
9. Be aware of heated components and tools whilst working.

Post-operational Checks

10. Beware of capacitors that could store charge after being unplugged.
11. Clean up the work area before leaving the workshop.