

STANDARD OPERATING PROCEDURE

Hydraulic Press

DO NOT use this machine unless you have been trained and assessed to a competent level in its safe use and operation, and have been given permission to use this equipment.



Safety glasses must be worn when operating this equipment.



Safety footwear must be worn when operating this equipment.



Rings and jewellery must not be worn when operating this equipment.



Long and loose hair must be contained when operating this equipment.



Close fitting/protective clothing must be worn when operating this equipment.

PRE-OPERATIONAL SAFETY CHECKS

1. Ensure that risk assessment has been read. **UQ risk assessment task ID #35690.**
2. Ensure no slip/trip hazards are present in workspaces and walkways.
3. Check for hydraulic fluid leaks.
4. Check that all guards are in position if appropriate.
5. Faulty equipment must not be used. Immediately report suspect machinery.

OPERATIONAL SAFETY CHECKS

1. Move adjusting beam to correct height and secure pins.
2. Ensure column pins are fully engaged after adjusting height.
3. Safely position table plates to support and secure job.
4. Carefully align work under press for even force to be applied.
5. Position a suitable drift between arbor and object to be pressed.
6. Ensure job parts are aligned properly before and during the pressing process and clean to avoid being squeezed out or ejected, be sure item or parts can't fly out under load or drop to the floor.
7. Utilise machine guards if available and when appropriate.
8. Keep head, hands & other body parts clear of both the job parts and machine while press is being operated.
9. Close relief valve and engage contact with arbor or drift.
10. Do NOT apply excessive force.
11. Carefully operate pump handle using minimum force required to complete the press job.
12. Beware that high forces are being applied during the pressing process.
13. When press operation is complete open the relief valve to release pressure and remove items.

HOUSEKEEPING

1. Return all tooling and fixtures to the correct storage location.
2. Leave the machine in a safe, clean and tidy state.
3. Return surplus material to stock & dispose of waste material in an appropriate recycling or waste bin

POTENTIAL HAZARDS

- Falling objects
- Crush and pinch points
- Manual handling objects
- Eye injuries

FORBIDDEN

- Distracting operator

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other references. It is designed to be used as an adjunct to teaching Safety Procedures and to act as a reminder to users prior to machine use.