



## Safe Work Procedure – Hydraulic Press

Authorised by HR Manager

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**DO NOT use this equipment unless you are authorised to use it and, have been instructed in its safe use and operation**



Safety glasses must be worn at all times in work areas.



Sturdy non slip footwear must be worn.



Rings and jewellery of a loose nature must not be worn.



Long and loose hair must be contained.



Close fitting/protective clothing must be worn.



Hearing protection must be used when using this machine.

### POTENTIAL HAZARDS:

- Includes manual handling, jamming and pinching, flying objects and fluid leak under pressure.

### PRE-OPERATIONAL SAFETY CHECKS

- Ensure all parts are secure and correctly aligned in the press. Poor alignment could result in the part being pressed, being projected from the press at great force
- Ensure unit is safe for operating with pins in place and no hydraulic leak
- A hydraulic press generates extreme pressure. Take extreme care when using

### OPERATIONAL SAFETY

- Ensure no parts of your body are beneath the press action
- Keep others aware of hazards
- Use appropriate tooling for the particular job being carried out
- Remain alert at all times for alignment, pressure and noises
- Do not operate if any faults are noted with the unit
- If unsure - seek advice

### POST-Operation:

- Keep equipment in good operating condition
- Report any faults

### TIP - INFORMATION

A hydraulic press is a device using a hydraulic cylinder to generate a compressive force. It uses the hydraulic equivalent of a mechanical lever. A hydraulic press consists of basic components used in a hydraulic system that includes the cylinder, pistons, the hydraulic pipes, etc. The working of this press is very simple. The pressure is exerted on the larger cylinder and the piston in the master cylinder pushes the fluid back to the original cylinder

