

SOP - Hydraulic Press

DO NOT use this plant* or complete this task unless you have been inducted in its safe use and operation by an Authorised Experienced Operator

This SOP may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process. Additional training may be required for high risk plant/work. Site and task may change required PPE.

PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



Long and loose hair must be contained or covered.



Hearing protection must be worn



Foot protection must be worn



Protective body clothing must be worn

POTENTIAL HAZARDS AND RISKS

- ⓘ Entanglement**
Entanglement in moving parts
- ⓘ Slip, Trips, Falls**
Slip, trip, fall due to workspace and walkways not being made clear
- ⓘ Struck by Moving Object**
Struck by moving object due to work pieces being ejected
- ⓘ Exposure to High Pressure Fluid**
Injury from exposure to high pressure fluids
- ⓘ Exposure to Dust/Fumes**
Exposure to Dust
- ⓘ Shearing**
Body parts sheared between items of plant
- ⓘ Manual Task Injury**
Manual task injury from incorrect manual handling techniques
- ⓘ Cutting, Stabbing or Puncturing**
Injury from work pieces being ejected
Injury from contact with moving parts
- ⓘ Other**
Injury due to plant malfunction or misuse

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete visual plant check before operation
- ✓ Ensure you are familiar with plant operations and controls, including the roving foot pedal control
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Adjust all guards to minimum practicable clearances for the material to be pressed
Note: Any guards and safety devices should NEVER be removed, except for maintenance purposes, and only by an authorised staff member
- ✓ Adjust the head rams to suit material thickness
- ✓ Adjust and check that the "V" forming blocks and/or knife blades are aligned correctly

OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Ensure no person is endangered when operating plant. Be aware of any other personnel in the immediate vicinity and ensure the area is clear before using plant
- ✓ Strictly only one operator is to use plant at any one time
- ✓ Ensure that both hands are positioned away from any possible pinch point, e.g. clamping bar
- ✓ Particular preparation and caution is to be observed when bending rod, strap or spring steel

- ✓ Before making adjustments bring plant to a complete standstill and isolate

ENDING OPERATIONS

- ✓ Isolate all switches on completion
- ✓ Allow plant to cool before performing any maintenance or cleaning
- ✓ Ensure plant is in good working order and left in a safe clean and tidy state

DO NOT

- ✗ Do not use if plant is faulty. Attach an Out of Service tag and report fault to your supervisor
- ✗ Do not leave plant running unattended
- ✗ Do not use any press or pan brake to bend or fold beyond the capacity of the machine
- ✗ Do not leave keys in machinery whilst unattended
- ✗ Do not wear loose jewellery
- ✗ Do not use mobile phone while operating plant

*Plant in this SOP refers to any machinery, equipment, appliance, container, implement and tool.