

SOP - Floor Cutting Saw

DO NOT use this plant* 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. Site and task may change required PPE.

PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



Foot protection must be worn



Hearing protection must be worn

POTENTIAL HAZARDS AND RISKS

- Other**
Injury due to kickback from sharp rotating parts
- Other**
Hearing damage from excessive noise
- Other**
Injury due to plant malfunction or misuse
- Manual Task Injury**
Manual task injury from incorrect manual handling techniques
- Manual Task Injury**
Manual task injury from plant vibration
- Cutting, Stabbing or Puncturing**
Injury from contact with moving parts
- Slip, Trips, Falls**
Slip, trip, fall due to uneven or slippery work surfaces
- Electrical Shock or Burn**
Electrical shock or burn from damaged or poorly maintained electrical leads and cables
- Explosion**
Explosion of gases, vapours or liquids

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete the appropriate pre-operational plant checklist if applicable
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines

OPERATING PROCEDURES

- ✓ Before assembling the cutting wheel ensure that the maximum cutting wheel operating speed is above or equal the spindle speed of the Floor Saw.
- ✓ Only use authorised wheels with approved RPM rating;
NOTE: Preference should be given to the use of Diamond Cutting wheels;
- ✓ Release the pressure on the Floor Saw as you reach the end of the cut;
- ✓ Begin, and continue, cutting at full revs;
- ✓ Use extreme caution when re-entering a previous cut;
- ✓ Always stop the engine and ensure the cutting wheel is stopped prior to undertaking repairs or maintenance.

ENDING OPERATIONS

- ✓ Allow plant to cool before performing any maintenance, refuelling or cleaning
- ✓ Refuel plant at least 3 metres from combustibles
- ✓ Ensure plant is in good working order and stored in the appropriate location

DO NOT

- ✗ Do not operate the Floor Saw with the starting-throttle lock engaged;
- ✗ Do not attempt to start a Floor Saw whilst the cutting wheel is in a cut;
- ✗ Do not cut into any pipe or container without first ensuring that it does not contain flammable substances;
- ✗ Do not twist thrust or drop the machine
- ✗ Do not use if plant is faulty. Attach a DO NOT OPERATE tag and report fault to your supervisor
- ✗ Do not leave plant running 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.