

SOP - Saw - Brick

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



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



Hand protection must be worn

POTENTIAL HAZARDS AND RISKS

- i Entanglement**
Entanglement in moving parts
- i Struck by Moving Object**
Struck by moving object due to work pieces being ejected
- i Electrical Shock or Burn**
Electrical shock or burn from damaged or poorly maintained electrical leads and cables
- i Other**
Injury due to kickback from sharp rotating parts
Injury due to plant malfunction or misuse
Hearing damage from excessive noise
Contact with hot or cold parts of plants
Irritation from excessive dust
- i Manual Task Injury**
Manual task injury from plant vibration
- i Cutting, Stabbing or Puncturing**
Injury from contact with moving parts
Injury from sharp or flying object
- i Slip, Trips, Falls**
Slip, trip, fall due to workspace and walkways not being made clear

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete visual plant check before operation
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure appropriate blade is used, ensure blade is serviceable and correctly fitted
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines

OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Ensure that the worker is on steady ground and well secured footing. Make sure the work area is clean and free of tripping hazards
- ✓ Other workers in the area should also wear hearing and eye protection
- ✓ Material to be cut must be free from pipes or cabling
- ✓ Hold material to be cut firmly
- ✓ Keep hands/fingers away from cutting blade
- ✓ Ensure to operate plant in a well ventilated area
- ✓ Allow blade to reach maximum speed before commencing the cutting operation
- ✓ Move blade slowly to material to start cutting

- ✓ Operate the saw at a safe speed relative to the material being cut
- ✓ When cutting stone, concrete and similar material, the blade should be moved forwards and backwards in the cut to obtain good conduction of heat away from tile blade and a low temperature at the cutting point
- ✓ When cutting concrete, always use water to bind dust
- ✓ Before making adjustments bring plant to a complete standstill and isolate
- ✓ Before refuelling, turn plant off and disconnect spark plug
- ✓ Exercise extreme care when refuelling to avoid spilling onto hot motor or exhaust

ENDING OPERATIONS

- ✓ Allow plant to cool before performing any maintenance, refuelling or cleaning
- ✓ Ensure plant is in good working order and stored in the appropriate location

DO NOT

- ✗ 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 operate plant inside a building or other closed environment that is not fully vented

- ✘ Do not operate without coolant flowing. Avoid producing dust
- ✘ Do not use excessive pressure when cutting material
- ✘ Do not place hands/fingers in the cutting area while blade rotating
- ✘ Do not use a damaged blade and do not use the sides of the blade for grinding
- ✘ Do not change direction once cutting operation has begun. Any sideways pressure could cause the blade to break
- ✘ Do not refuel plant whilst running or is still hot
- ✘ 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.**