

SOP - Planer - Electric

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



Minimum P2 face mask or respirator must be worn when airborne dust or fumes are created

POTENTIAL HAZARDS AND RISKS

- ⓘ Entanglement**
Entanglement in moving parts
- ⓘ Struck by Moving Object**
Struck by moving object due to work pieces being ejected
- ⓘ Cutting, Stabbing or Puncturing**
Injury from sharp or flying object
Injury from sharp edges or burrs
Injury from contact with moving parts
- ⓘ Exposure to Dust/Fumes**
Exposure to Dust

- ⓘ Manual Task Injury**
Manual task injury from awkward body posture
- ⓘ Electrical Shock or Burn**
Electrical shock or burn from damaged or poorly maintained electrical leads and cables
- ⓘ Other**
Hearing damage from excessive noise
Irritation from excessive dust

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 that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Ensure plant has a suitable safe work area
- ✓ Material should be free of loose knots or foreign objects
- ✓ Ensure planer blades are not chipped, cracked and correctly fitted
- ✓ Confirm plant has a current electrical safety tag
- ✓ Material should be well supported and at a good working height
- ✓ Ensure timber is in good condition and free from foreign materials

OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Check power lead is in good working order and does not create a trip hazard
- ✓ Secure the material to be planed so that it cannot move and ensure it is at a good working height
- ✓ Allow plant to reach full speed before starting to cut
- ✓ Always plane at a moderate rate
- ✓ Push the planer smoothly forward with an even motion, in the direction of the grain
- ✓ Keep fingers and any objects clear of the chip ejector while planer is running

- ✓ Keep hands and power leads away from underneath the work
- ✓ If the blade binds, release the switch immediately, free the blade and inspect for damage
- ✓ Before making adjustments bring plant to a complete standstill and isolate

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 an Out of Service tag and report fault to your supervisor
- ✗ Do not use electrical cord to lift, lower or carry the planer
- ✗ Do not operate in moist or wet conditions
- ✗ Do not use without an RCD
- ✗ Do not leave plant running unattended
- ✗ Do not start planer with blade touching material. Allow the tool to reach full speed before starting to cut
- ✗ Do not pull the planer backward over the work piece, always plane in a forward direction
- ✗ Do not attempt to remove cut material while the blade is running
- ✗ Do not place plant down on a surface until the blade is completely stopped
- ✗ 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.