

SOP - Grader

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



Hand protection must be worn when necessary i.e. inspections



High visibility clothing must be worn.



Walk-a-Round

POTENTIAL HAZARDS AND RISKS

- Entanglement**
Entanglement in moving parts
- Crushing**
Crushing due to being thrown off or under plant
- Struck by Moving Object**
Struck by moving object due to unexpected movement of plant
- Exposure to High Pressure Fluid**
Injury from exposure to high pressure fluids
- Other**
Contact with hot or cold parts of plants
Injury due to operating plant in unsuitable weather conditions, plant malfunction or misuse
- Slips, Trips Falls**
From entry/exit of plant and slippery plant surfaces
- Electrical Shock or Burn**
Electrical shock or burn from plant contact with live electrical conductors
- Manual Task Injury**
Manual task injury from awkward body posture
- Cutting, Stabbing or Puncturing**
Injury from contact with moving parts
- Exposure to Dust/Fumes**
Exposure to Dust
Exposure to other emissions released by the plant

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site-specific risk assessment
- ✓ Complete the appropriate pre-operational plant checklist.
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Seat belt to be worn
- ✓ If traffic control is required, ensure to have the correct traffic control plans in place before commencement of work
- ✓ Ensure the condition of the worksite is stable and capable of supporting plant during operation.

OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts.
- ✓ Operate plant to the conditions of the work area.
- ✓ Ensure no person or animal is endangered when operating plant.
- ✓ Use 3 points of contact when entering /exiting plant
- ✓ Before making adjustments bring plant to a complete standstill and isolate (use this when applicable).
- ✓ Always watch for bystanders when operating plant.

- ✓ Use spotters or barriers if necessary.

ENDING OPERATIONS

- ✓ Park plant on level ground.
- ✓ Refuel plant at least 3 metres from combustibles.
- ✓ Allow plant to cool down before performing maintenance, 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 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 leave keys in machinery whilst unattended.
- ✗ Do not use mobile phone while operating plant.
- ✗ Do not operate Grader close to vehicles or structures.
- ✗ Do not carry passengers.
- ✗ Do not wear loose jewellery.
- ✗ Do not touch engine or muffler while engine running or immediate after it has been turned off to prevent burns.

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