

Safe Work Instruction - Power Screed Board

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 SWI 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



Protective body clothing 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

POTENTIAL HAZARDS AND RISKS

- Entanglement**
Entanglement in moving parts
- Slip, Trips, Falls**
Slip, trip, fall due to uneven or slippery work surfaces
Slip, trip, fall due to steep working surfaces
- Cutting, Stabbing or Puncturing**
Injury from unexpected movement of plant
- Other**
Injury from contact with moving parts
Hearing damage from excessive noise
Injury due to plant malfunction or misuse
Contact with hot or cold parts of plants
- Explosion**
Explosion of gases, vapours or liquids
- Manual Task Injury**
Manual task injury from repetitive movements
Manual task injury from plant vibration
- 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 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

OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Ensure to operate plant in a well ventilated area
- ✓ Once the concrete, with its surcharge, has been spread, start the motor and manually pull the beam along the slab. Make sure there is always a continuous surcharge along the entire length of the leading edge
- ✓ Generally one steady pass with the screen should be enough to compact and level the concrete
- ✓ Vibration of the concrete is still necessary to bring air bubbles to the surface
- ✓ Always maintain good footing so that you do not slip and lose control when starting or operating the machine
- ✓ Exercise care when operating unit. Exposure to vibration or repetitive work actions may be harmful to hands and arms
- ✓ Ensure that the motor operation is in the OFF position and the spark plug ignition lead is

disconnected before removing the guards and making adjustments

ENDING OPERATIONS

- ✓ Allow plant to cool before performing any maintenance, refuelling or cleaning
- ✓ Clean the aluminium beams to prevent a build-up of concrete residue
- ✓ 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 operate on slippery or uneven work surfaces
- ✗ Do not over reach when operating plant, maintain proper footing and balance at all times
- ✗ Do not come in contact with the muffler when the engine is hot, it can cause severe burns
- ✗ Do not overfill the fuel tank and avoid spilling petrol when refuelling
- ✗ Do not refuel the motor in the vicinity of sparks, a naked flame or a person smoking
- ✗ Do not operate or refuel a petrol motor in a confined area without adequate ventilation
- ✗ Do not stand on unit while it is operating
- ✗ Do not wear loose jewellery
- ✗ Do not use mobile phone while operating plant

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