

Safe Work Instruction - Truck - Jet Patcher

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



Eye protection must be worn



Long and loose hair must be contained or covered.



Protective body clothing must be worn



Foot protection must be worn



Hand protection must be worn



High visibility clothing must worn



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



Walk-a-Round

POTENTIAL HAZARDS AND RISKS

- Entanglement**
Entanglement in moving parts
- Electrical Shock or Burn**
Electrical shock or burn from plant contact with live electrical conductors
- Cutting, Stabbing or Puncturing**
Injury from unexpected movement of plant
- Other**
Injury due to plant malfunction or misuse
Injury from contact with moving parts
Injury due to operating of plant in unsuitable weather conditions
Skin irritation due to exposure to hazardous chemicals
Burn injury
- Exposure to High Pressure Fluid**
Injury from exposure to high pressure fluids
- Struck by Moving Object**
Struck by moving object due to unexpected movement of plant
- Slip, Trips, Falls**
Slip, trip, fall from entry/exit of plant and slippery plant surfaces
- Exposure to Dust/Fumes**
Exposure to Dust
Exposure to Toxic Fumes
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 you have the appropriate SDS for emulsion products

- ✓ Only competent operator to pump product out/in from emulsion tank.
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturer's guidelines.
- ✓ If traffic control is required, ensure to have the correct traffic control plans in place BEFORE commencement of work
- ✓ Seat belt to be worn

OPERATING PROCEDURES

- ✓ Ensure that traffic control has been implemented in accordance with the traffic management plan.
- ✓ Ensure work site is swept prior to commencement of jetpatching.
- ✓ Keep clear of moving plant parts.
- ✓ Operate plant to the conditions of the work area
- ✓ Always watch for bystanders when operating plant. Never assume a person is aware of your presence. Stop the machine if people step into the working area of the plant
- ✓ Driver to be alert when reversing plant
- ✓ Use 3 points of contact when entering and exiting plant

- ✓ All steps, ladders, platforms should be kept clean (to prevent slips & falls)
- ✓ Ensure you are aware of hazardous surface areas such as ditches and uneven and sloping terrain that may result in plant rollover.
- ✓ Assess surface condition and adjust feet and body position to suit. Position boom extension adjacent to poor surface areas if required.
- ✓ Always be aware of wet/soft and loose edges.
- ✓ Always be aware of your surroundings, keep a lookout for moving plant and vehicles
- ✓ Always operate within the prescribed safe working distances of overhead powerlines, use of a spotter if necessary
- ✓ Control rate of flow when filling so overflow can be prevented.
- ✓ Adjust controls to reduce rebound and spread of bituminous materials including adjusting emulsion flow to reduce splashback.
- ✓ Ensure correct positioning angle of hose away from body.
- ✓ Spray board to control rebound and spread.
- ✓ Adjust blower speed for correct pressure and flow rate.
- ✓ Lower blower intensity on boom to reduce being struck by material.
- ✓ Position boom hose away from body when stone and emulsion are expelled from hose.
- ✓ Adjust boom height to reduce emulsion spray off.
- ✓ Lower the body of the truck immediately after tipping.
- ✓ Before making adjustments bring plant to a complete standstill and isolate

ENDING OPERATIONS

- ✓ Allow plant to cool before performing any maintenance or cleaning.
- ✓ Ensure all cleaning procedures are carried out in close proximity to an EMERGENCY SHOWER
- ✓ 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 overfill tanks
- ✗ Do not ride on back of truck
- ✗ Do not leave plant running unattended
- ✗ Do not place your hands in pinch points when handling chutes
- ✗ Do not stand on chutes to access the rear of the mixer apparatus
- ✗ Do not leave keys in machinery whilst unattended
- ✗ 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.**