

Safe Work Instruction - Dust Control – Waste Depots

DO NOT undertake these tasks unless you have been inducted in the safe operation by an Authorised Experienced Person

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 any high-risk plant. Site and task may change required PPE.

PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



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



High visibility clothing must worn



Foot protection must be worn



Long sleeved shirt and trousers must be worn

POTENTIAL HAZARDS AND RISKS

- Entanglement**
Entanglement in moving parts
- Slip, Trips, Falls**
Slip, trip, fall injury whilst entering and exiting vehicle
Slip, trip, fall injury due to uneven or slippery work surfaces
- Other**
Irritation from excessive dust
Injury due to operating of plant in unsuitable weather conditions
Exposure to contaminated air
Injury due to plant malfunction or misuse
- Crushing**
Crushing due to plant tipping or rolling over
- Struck by Moving Object**
Struck by moving object due to unexpected movement of plant

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Refer to environment protection license conditions for licensed depots
- ✓ Complete site-specific risk assessment if required – Form P10. F01
- ✓ Complete the appropriate plant pre-operation checklist – Document Number P12.F01
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines.
- ✓ Site Supervisor is to ensure appropriate traffic, isolation and PPE controls are on site for workers to mitigate against potentially harmful levels of dust, for example
 - Temporary signs, traffic cones, traffic barriers
 - Isolation barriers (e.g. temporary fencing), isolation danger and/or asbestos warning tape, star pickets and any necessary set-up tools
 - Dust masks
 - Suitable eye protection (use of goggles in extreme windy conditions)
- ✓ Seat belt must be worn in water cart

IMPLEMENTATION OF DUST CONTROLS

- ✓ Controls must be applied before or when weather conditions and/or heavy mobile plant movements generate excessive levels of dust or

- ✓ When required for compliance with the Disposal of Declared & Non-Declared Asbestos Waste SWP and Separated Brick & Concrete Waste SWP
- ✓ At the 3 weighbridge depots the Site Supervisor assigns trained workers to use water tanker to wet down roads, tip face and hardstand areas, when necessary or as planned, in anticipation of strong winds in dry weather or to reduce levels of airborne dust and to prevent poor visibility
- ✓ Workers at all depots are to implement isolation controls such as signs, traffic cones, tapes and barriers in order to isolate work, customer areas or machinery/plant where dust is being stirred up or created to potentially harmful levels.
- ✓ Site Supervisor to liaise with workers regarding closing of some areas on site, and to activate high wind signage
- ✓ Ensure air conditioning systems on all plant are operational and maintained
- ✓ Restrict vehicle movements where possible

OPERATING PROCEDURES FOR WATER TANKERS

- ✓ Drive to road, weather, and traffic conditions.
- ✓ Use isolation measures when watering near customer unloading areas if required
- ✓ Operate plant to the conditions of the work area
- ✓ Always be watchful of bystanders when operating plant

- ✓ Always be aware of your surroundings, keep a lookout for moving plant and vehicles.
Communicate with other plant operators
- ✓ Always keep within the capacity of the water truck and don't overload it
- ✓ Be aware of surge and spray, driver to be extremely careful when, accelerating, braking and turning

ENDING OPERATIONS

- ✓ Park plant on even surface
- ✓ Allow plant to cool before performing any maintenance, refuelling, 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 a DO NOT OPERATE tag and report fault to your supervisor
- ✗ Do not leave plant running unattended
- ✗ Do not walk on dam slopes when refilling with dam water
- ✗ Do not enter confines of the top boundary of the dam if required to investigate any pumping or other issues without a lookout person present
- ✗ Do not stand at the rear of the tanker when refilling
- ✗ Do not mount or dismount plant whilst engine is running
- ✗ Do not leave keys in machinery whilst unattended
- ✗ Do not wear loose jewellery
- ✗ Do not use mobile phone while operating plant
- ✗ Do not smoke whilst carrying out this task

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