

Safe Work Method Statement (SWMS) – Operating Mobile Plant

ORGANISATION DETAILS			
Principal contractor:	Brendan McKenna Earthmoving PTY LTD	Contact number:	0417 710 806
Project manager or supervisor:		Contact number:	
Other contractors (PCBUs):		Contact number:	
Person completing the SWMS:	Brendan McKenna	Contact number:	0417 710 806
Position:	Site Manager	Reviewed by:	Ron Broadhurst
Date prepared:	07/09/2026	Review date:	07/09/28
PROJECT DETAILS			
What is the scope of the work?	Operating Mobile Plant		
Who else was consulted/involved in preparing this SWMS?	This SWMS has been developed in consultation with Subject Matter Experts. Reviews will be conducted two years, in the event an incident occurs, if there is a change in operational practices and if there is a change in legislation. It will also be reviewed in conjunction with any review of associated procedures and/or training programs. Effectiveness of control measures will be monitored by on site Managers/Supervisors		
What high risk work activities are covered by this SWMS?	Operating Mobile Plant		
References: Legislation, Australian Standards, Codes of Practice, MSDS and SOPs.	WHS Act and Regulations 2011 Local and State legislation		
Plant involved in the scope of work:			
What high risk licence classes will be required to do the work?			

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The following notes apply to the risk controls where relevant:

Personal Protective Equipment (PPE): The following PPE will need to be worn by workers at times on this project as directed:

☐ High Vis Garments ☐ Hearing protection ☐ Safety Glasses ☐ Hard Hats ☐ Gloves ☐ Safety Footwear ☐ Other

SAFETY MESSAGES

Determine the exclusion zone around the plant and make sure workers on the worksite are informed and remain outside of the exclusion zone whenever the plant is turned on (including maintenance and inspection activities).

No one is to stand in the drop zone of the load at any time

Make sure that employees and other persons on the worksite, who need to work inside the determined exclusion zone, have made contact with the plant operator, and they have stopped operating the plant before entering the exclusion zone.

Ensure that a daily plant pre-start has been completed, for each piece of plant

Ensure that all plant tickets and licences are visually inspected before work commences

Plant must only be used as per Manufacturer's specifications

Use the Plant Risk Assessment form to conduct a risk assessment on any plant – Refer Broadbrush risk assessment

If the plant is used for excavation the plant operator must ensure that no worker is inside any part of an excavation whilst excavation work is taking place.

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Identify each task in order	Specify the hazards/risks you have identified	What are the risks to health and safety?	Who is responsible for implementing and monitoring controls?
On-site planning and site and task preparation	Hazard: Site obstacles plant and traffic. Risk: Hit by plant or traffic	Ensure that employees and other persons on the worksite have undertaken a documented site specific Work Health & Safety (WH&S) induction. Personal Risk Assessment Take5 to be filled out each shift. Exclusion zones must be determined and documented by the operator in conjunction with the supervisor and clearly marked prior to work commencing. Instructions will be given to employees and other persons on the worksite through a toolbox talk before work commences. No-one is to stand directly in the drop zone of a load. No-one is to be in an excavation whilst the plant is excavating. Traffic controls must be implemented Site Supervisor to consider the use of a water truck if a large amount of dust is being generated on site. Ensure that the site is adequately barricaded to prevent public access. Ensure that any additional equipment, (e.g. buckets, ramps, trailers, etc.) associated with plant are adequately stored or barricaded. All employees and other persons on the worksites with powered mobile plant must: Wear safety helmets when within the exclusion zone or where there is a chance of being hit by falling objects. - Gloves, where required. - Disposable facemasks should be worn if employees and other persons on the worksite are exposed to dust. Other PPE (e.g. eye protection, hearing protection) must be determined to be required through a risk assessment.	Site Manager or Supervisor

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Plant operation	Hazard: Unsafe plant. Risk: Plant roll over causing crushing Hazard: Unsafe operation Risk: Workers struck by plant or objects. Hazard: Site ground stability. Risk: Plant tipping, sliding into excavation,	Ensure that the Daily Plant Inspection Checklist is completed prior to work commencing. All tie-down points, ramps, chains, and tie-down mechanisms are to be checked daily and kept in good order. Operators must be inducted on unfamiliar plant by an experienced Operator prior to use. Ensure that the Logbooks are completed. Do not use plant with any defects, only a qualified mechanic is to carry out repairs. Machine must be isolated prior to works commencing, using lock-out process, determined through the unsafe plant isolation procedure and machine maintenance risk assessment. Assess the weight capacity of plant used for lifting to ensure it is not overloaded. Do not use modified plant or attachments unless the modifications have been certified and plated by a qualified engineer. Plant MUST only be operated by a person who has been deemed competent in the use of that plant by a competent and experienced operator. Seat belts MUST be worn where fitted. Proximity of plant (including vehicles, trucks) to the top of the trench or excavation shall be determined through a risk assessment. The risk assessment should take into account the weight of the plant or vehicle involved as well as the type of soil, weather conditions and any other site-related risks. Check and comply with the manufacturer's gradient requirements for use. Quick hitches are to be locked and buckets changed away from work area and workers. Use warning signs and engage flashing lights and reversing signals where appropriate (audible reversing alarm).	Site Manager or Supervisor
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		Ensure that all equipment and signage needed to undertake the work task is available. Ensure that all plant and equipment is maintained as per manufacturer instructions. Before operating the plant or equipment, conduct a thorough inspection of the machine and attachments e.g. steering, brakes, controls, warning devices, brake fluid, hydraulic oil, etc.	
Carrying out work near overhead powerlines or underground services	Hazard: Working near power lines, underground services Risk: Electrocution, Hitting asset.	Refer to: • Overhead Power • Working in or around trenches, excavation	Site Manager or Supervisor
<u>Tangalooma Specific Operations (Scraper/Moxy to the South)</u>			
Scraper Operations To the South	Public Interaction	Only Experienced Scraper Operator. Only Experienced Quadbike Pilot Vehicle. UHF Communication at all times between Operator and Pilot. Pilot to stay 1 Intersection ahead of Scraper. (eg – When Scraper is leaving flat plains pilot should be at Green Waste) Scraper not to proceed until “All Clear” given by pilot.	Site Manager or Supervisor

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		In depth discussion at morning toolbox to ensure operator & pilot have a good understanding of their responsibilities. Operator & Pilot to be approved by Supervisor on a daily basis.	
<u>Tangalooma Specific Operations (Scraper/Moxy to the North)</u>			
Scraper/Moxy Operations to the North	Public Interaction Light vehicle Interaction	Experienced Operators Only Experienced Quadbike Checkpoints Only UHF Communication between Operator and Checkpoints at All Times. Operator to wait for the “Clear to Proceed” call from checkpoint before continuing on. Must have 3 checkpoints as a minimum. One at the North carpark for traffic control, one floating on the beach wherever there are high levels of people traffic and one with the dozer at all times watching out for its operation and keeping the area of operation clear of pedestrians. Operators to maintain a high level of alertness for their entire shift. Operators and Checkpoints to be approved by the supervisor on a daily basis. Supervisor to consult with Tangalooma Site Contact if any problems.	Site Manager or Supervisor

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This SWMS has been developed in consultation and has been read, understood and signed by all workers undertaking the scope of works:		
Print Names:	Signatures:	Dates: