

MOBILE PLANT (WORKING NEAR/AROUND) SAFE WORK METHOD STATEMENT (SWMS)

Business Contact: Ryan Martin	Phone #: 6559 8059	Principal Contractor (PC): N/A
Responsible person (for monitoring SWMS and work): Site Supervisor		Job address: All Sites
Date: 28 th of January 2024		Contact Name: N/A Date SWMS provided to PC: N/A
Contact Phone #: 6559 8059		Contact Phone #: N/A

THIS WORK ACTIVITY INVOLVES THE FOLLOWING HAZARDOUS WORK AND ENVIRONMENTAL IMPACTS

☐ Electrical equipment	☒ Elevated levels	☒ Slips, trips and falls	☐ Hazardous substances	☐ _____
☐ Hot Work	☒ Hazardous manual tasks	☐ Outdoor work	☐ Remotely &/or isolated work	☐ _____
☒ Noise and vibration	☐ Native vegetation & weeds	☐ Air quality	☐ Waste	☒ Vehicle movement
☒ Fuels, oils & chemicals	☒ Terrestrial fauna	☐ Waterways & soils	☐ Cultural heritage	☐ _____

THIS WORK ACTIVITY INVOLVES THE FOLLOWING "HIGH-RISK CONSTRUCTION WORK" (HRCW - IDENTIFIED IN THE JOB TASK COLUMN)

☐ Confined spaces	☒ Mobile plant movement	☐ Demolition of a load-bearing structure	☐ Asbestos disturbance
☐ Using explosives	☐ Diving work	☐ Artificial extremes of temperature	☐ Tilt-up or pre-cast concrete
☐ Pressurised gas distribution mains or piping chemical, fuel or refrigerant lines energised electrical installations or services			
☐ Structures or buildings involving structural alterations or repairs that require temporary support to prevent collapse			
☒ Involves a risk of a person falling from 2m or more, including work on telecommunications towers			
☐ Working at depths greater than 1.5 Metres, including tunnels or mines		☐ Work in an area that may have a contaminated or flammable atmosphere	
☐ Work carried out adjacent to a road, railway or shipping lane, traffic corridor		☐ In or near water or other liquid that involves the risk of drowning	

FOOT PROTECTION	HEARING PROTECTION	HIGH VISIBILITY	HEAD PROTECTION	EYE PROTECTION	FACE PROTECTION	HAND PROTECTION	PROTECTIVE CLOTHING	BREATHING PROTECTION	SUN PROTECTION	SAFETY HARNESS	Rings, watches, jewellery that may become entangled must not be worn. Long and loose hair must be tied back.
											
☒	☒	☒	☐	☒	☐	☐	☐	☐	☒	☐	

Planning/Preparation	• Liaise with Principal Contractor to identify on-site safety systems and procedures • Establish supervisory and communication arrangements • Principal contractor to confirm emergency response procedures are in place.
Hold Points	• Hold points identified and signed off before continuing work.
Training/Licence	• All workers to have a General Construction Induction Card • Relevant workers have relevant certificates of competency, licenses, and training. • Trained First Aider on site • All workers trained in site-specific emergency and evacuation procedures, SWMS, safe work procedures, and safety data sheets.
Worker duties and responsibilities	• Fit condition for work, i.e. no signs of fatigue, alcohol or drugs • Attend all site inductions/briefings • Comply with all site requirements, e.g. PPE, Traffic Management Plans (TMP) • Only carry out work related to the contract • Inspect completed work and report possible safety, environmental and quality matters to the supervisor.
Monitor/Review	• All persons involved in the task must have this SWMS communicated to them before work commences • SWMS to be reviewed and amended if necessary, in consultation with relevant persons after any near miss or incident • If additional site hazards identified, review this SWMS and amend control measures to suit • People, including workers, contractors and sub-contractors, affected by the revisions to this SWMS, must be informed ASAP • Give the principal contractor a copy of the revised SWMS • The site supervisor to monitor works against the controls stated in this SWMS • SWMS must be kept on-site and made available for inspection or review • Keep a record of this SWMS until the job is complete or for two years if involved in a notifiable incident • Regardless of any other factor, the person in control of the workplace must review this SWMS at least annually.
Site-Specific Notes: Refer to Job Pack for details	Act, Regulations, Codes of Practice References: ✓ Work Health and Safety Act ✓ Work Health and Safety Regulation ✓ First Aid in the workplace code of practice ✓ Hazardous manual tasks code of practice ✓ How to manage work health and safety risks code of practice ✓ Managing electrical risks in the workplace code of practice ✓ Managing noise and preventing hearing loss at work code of practice ✓ Managing the risk of falls at workplace code of practice ✓ Managing the work environment and facilities code of practice ✓ Managing risks of hazardous chemicals in the workplace code of practice ✓ Managing the risks of plant in the workplace code of practice ✓ Work health and safety consultation, co-ordination, and co-operation code of practice

LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION		
ALMOST CERTAIN	3 - HIGH	3 - HIGH	4 - ACUTE	4 - ACUTE	4 - ACUTE				
LIKELY	2 - MODERATE	3 - HIGH	3 - HIGH	4 - ACUTE	4 - ACUTE	4A - ACUTE	DO NOT PROCEED.		
POSSIBLE	1 - Low	2 - MODERATE	3 - HIGH	4 - ACUTE	4 - ACUTE	3H - HIGH	Review before commencing work.		
UNLIKELY	1 - Low	1 - Low	2 - MODERATE	3 - HIGH	4 - ACUTE	2M - MODERATE	Maintain control measures.		
RARE	1 - Low	1 - Low	2 - MODERATE	3 - HIGH	3 - HIGH	1L - Low	Record and monitor.		
HIERARCHY OF CONTROLS		MOST EFFECTIVE	Elimination	Substitution	Isolation	Engineering	Administrative	PPE	LEAST EFFECTIVE
JOB TASK	HAZARDS	RISK	CONTROL MEASURES					RESPONSIBLE PERSON	
1. Arrival on-site & assess onsite conditions	Personal injury, property damage &/or environmental incident	3H	- The vehicle should be positioned in a safe location, clear of traffic/vehicles/pedestrians during equipment delivery and materials removal (deploy physical barriers, caution signs as necessary) - Do not park illegally - Identify and obey all safety-related signage (check site entry requirements) - Report to Site Supervisor - Undertake a site-specific induction, including training in communication with plant operators: - Groundworkers instructed on: - The UHF channel to communicate with plant operators - Not to approach mobile plant until the operator has agreed to their request to approach - On set distances to maintain from the mobile plant while in operation - Groundworkers and mobile plant operators are aware of any traffic management plan and no go zones - Are made familiar with the blind spots of the mobile plant - Assess mobile phone reception - The worksite is exactly as detailed in Terms of Agreement or contract - Complete a JSA specifying the control measures unanticipated hazards.					Supervisor to check the site and conduct JSA where necessary	
2. House keeping	Slips, trips & falls	3H	- Maintain housekeeping throughout the shift & clean-up - Clean up spills immediately - Ensure sufficient lighting to detect changes in level (using temporary lighting as required) - Do not jump from elevated edges >180mm, step carefully and use prepared access areas - The work area is clean and uncluttered as possible - Do not place equipment where it may become a tripping hazard - Check for stored items, corners or other obstructions that could cause tripping - Ensure there is room to manoeuvre the materials/equipment and no obstacles in the way - Check the end destination is prepared correctly for placement of the materials/equipment					Supervisor and workers to ensure control measures followed	

JOB TASK	HAZARDS	RISK	CONTROL MEASURES	RESPONSIBLE PERSON
			Ensure that footwear is suitable. Snug-fitting shoes/boots with flat, non-slip soles, no loose soles, long laces, soles that are oily, or caked with mud etc.	
3. Working outdoors	Extreme weather	3H	- Check weather conditions – do not work in extreme conditions - Reschedule works to work in more moderate temperatures	Supervisor to maintain awareness of weather conditions Workers to follow controls
	Hyperthermia Hypothermia	3H	- Workers trained to recognise the symptoms of hyperthermia and hypothermia <u>Hot conditions. Ensure:</u> - Suitable protective clothing - Sun brim on hard hats - Safety glasses - UV rated - Use 30+ sunscreen on exposed skin - Adequate drinking water - Access to shade on breaks - Adequate breaks. <u>Cold conditions. Ensure:</u> - Schedule warm-up breaks - Hold breaks inside - Dress warmly in layers - Stay dry (wet clothing chills the body rapidly) - Workers must get out of the cold as soon as they can if starting to feel symptoms - Alcohol, cigarettes, caffeine and certain medications increase susceptibility to cold.	
4. Environment	Environmental impact	3H	<u>Vehicle movement</u> - Follow TMP, only travel on established tracks and roads - Use designated entry and exit points. <u>Terrestrial fauna</u> - No domestic animals on-site - Ensure all food scraps placed in lidded bins.	Supervisor and workers to follow controls
5. Manual tasks	Musculoskeletal (MSD) injuries	3H	- Materials/equipment placed as close to the work area as possible - Weight of an object should be known; avoid lifting loads more than 1/4 of your body weight - Do not use extreme force to move items - Hold lifted objects close to the body whenever possible - Keep knees bent and back straight and lift, unload keeping knees bent - Use team lifts and mechanical means for heavy items - Schedule regular breaks and practice job rotation - Avoid overreaching, long periods of repetitive movements, awkward and sustained positions, twisting and side-bending.	Supervisor and workers to ensure control measures followed
6. HRCW Working near powered mobile plant	- Struck by mobile plant - Crush injuries - Amputation - Entanglement - Fatality	4A	- Follow the traffic management plan (TMP) requirements  <i>Some TMP may say that pedestrians have the right-of-way. Never assume this. Make visual and verbal contact with the plant operator as required</i> - Check constantly for changing hazards and monitor work position at all times, ensure: - Do not stand behind reversing vehicles - Allow sufficient distance from the plant during operation - Do not conduct work in established “no go zones.” - Alertness at all times. Listen for reversing alarms/beepers & calls from Plant Operators	Supervisor and workers to ensure control measures followed

JOB TASK	HAZARDS	RISK	CONTROL MEASURES	RESPONSIBLE PERSON
			○ Safety/warning signs, spotters, traffic barriers. must be obeyed as required ○ Work positions should be in clear sight of plant operators • Pedestrian workers must: ○ Not approach mobile plant until the operator has agreed to their request to approach ○ Maintain a safe distance from the mobile plant while in operation ○ Be made familiar with the blind spots of the mobile plant • Industrial robots: ○ People must not work near an industrial robot (or other remotely or automatically energised plant) if it could start without warning and cause any hazard or risk. • High visibility clothing worn at all times by all workers ⚠ DO NOT: ✖ Assist machine by hand when in operation ✖ Use tools (such as shovels) to help move dirt from around the excavation during machine operation ✖ Walk backwards near the mobile plant ✖ Place any part of the body on or near the machine while it is in operation ✖ Push another person or engage in horseplay around operating machinery ✖ Work within a radius of extended booms, near stabilisers or loader buckets ✖ Sit, stand, or hang on a boom or attachment ✖ Walk or place themselves under a raised load ✖ Enter operational zone ✖ Approach the mobile plant until the operator has been signalled and the machine shut down. • All powered mobile plant operators must have: ○ Relevant training and licensing ○ Manufacturers instruction manual ○ Maintenance records ○ Pre-start checks conducted on all plant before use • Plant operation: ○ All powered mobile plant must be used or operated as per the manufacturer's recommendations ○ Operators will follow the guidance provided in SWMS, Safe Work Procedures, Risk Assessments and as outlined by on-the-job training as required when operating plant ○ Under no circumstances is a faulty or damaged plant or equipment to be used ○ Laser equipment on the plant must be protected to ensure no workers exposed to direct radiation, radiation produced by reflection or diffusion or secondary radiation.	

JOB TASK	HAZARDS	RISK	CONTROL MEASURES	RESPONSIBLE PERSON
	Falls from mobile plant/falling objects	3H	- Plant operators must ensure that no person other than the operator rides on the plant unless the person is provided with a level of protection that is equivalent to that provided to the operator. Operators of the mobile plant must ensure it is not used to carry a passenger unless: - The vehicle is designed to carry a seated passenger - The passenger seat is fitted with suitable seat restraints and located within the zone of protection - Pedestrian workers must not: - Be carried or lifted in an attachment - Sit, stand, or hang on a boom or attachment - Walk or place themselves under a raised load - Enter operational zone - Approach any mobile plant until the operator signals it is safe to approach.	
	- Laser beams - Eye trauma	3H	DO NOT look directly at beam wear unless wearing laser protective eyewear.	
	Noise	3H	- Workers must be able to hear warning signals on the movable plant above any other noise (ambient noise) at the workplace. - For reversing alarms on mobile plant, the noise level of the alarm needs to be at least as high as the noise from the engine under high idle - When using hearing PPE, ensure: - Worn by all persons throughout exposure to noise - Worn by all persons where "Hearing PPE must be worn" signs are displayed - It is comfortable and correctly fitting for the worker - It is regularly inspected and maintained to ensure it remains in good, clean condition - Disposable earplugs only worn once - It is suitable for the type of working environment and the work tasks: - Overprotecting by cutting out too much sound can cause difficulties hearing verbal instructions and other sounds needed to work safely	
7. HRCW On completion	Security breach	3H	All personnel are to sign-out on the site register.	Supervisor to confirm all workers have signed out Workers to comply with controls
	Vehicle/people impact	4A	- Stay to designated access and egress routes - Maintain awareness of surroundings at all times.	

JOB TASK	HAZARDS	RISK	CONTROL MEASURES	RESPONSIBLE PERSON
8. Emergency response	- Injury - Fatality - Environmental damage	4A	For police, fire or ambulance call '000.' - Follow site emergency and evacuation procedures - A communication system is available, e.g. a mobile phone or radio - Check for dangers to self before helping others - Maintain control of the area and stabilise the situation - Apply first aid to the injured worker - Complete an incident report. Refer to your SWMS implementing instructions for further specific emergency responses.	Supervisors and workers ensure controls followed

OVERALL RISK RATING AFTER CONTROLS	☐ 1 - Low	☒ 2 - MODERATE	☐ 3 - High	☐ 4 - ACUTE
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PERMITS				☐ Not applicable ☐ Hot Work ☐ Confined Space ☐ Local council ☐ _____ ☐ _____	
SITE MANAGEMENT PLAN		Is the work associated with a Construction Project? ☐ Yes ☒ No		If yes – This SWMS must align with requirements of the Site Management Plan in place for the Construction Project.	
PLANT & EQUIPMENT		HAZARDOUS SUBSTANCES		SUPERVISORY ARRANGEMENTS	
☐ Electrical tools and leads	Tested and tagged quarterly	<i>List hazardous substances taken on-site and have the SDS onsite.</i> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____		☒ Audits ☒ Spot Checks ☒ Reporting systems ☒ Suitably qualified supervisors for job ☐ Direct on-site supervision ☐ Remote site: communication systems/schedule	
☐ Hand tools - Meet AS/NZS	Regular visual inspection				
☐ Ladders - Meet AS/NZS	Inspected and tagged out if damaged				
☐ Mobile plant	Inspected and tagged out if damaged				
☐ _____	_____				

SWMS SIGN-OFF	This SWMS developed in consultation and cooperation with workers and relevant organisation representatives. I have read the above SWMS, and I understand its contents. I confirm that I have the skills and training, including relevant certification, to conduct the task as described. I agree to comply with safety requirements within this SWMS, including risk control measures, safe work instructions and PPE described.				

WORKERS' NAME	JOB ROLE / POSITION E.G. SUPERVISOR, WORKER, TRAINEE	LICENCES, COMPETENCIES & QUALIFICATIONS <i>(add as applicable)</i>			DATE	SIGNATURE
		TYPE / DESCRIPTION	CLASS	NUMBER		
		Construction Card				
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