Assessment Of Ground Co	nditions SAFE WORK ME	THOD STATEMENT (SWMS)	
TASK OR A	CTIVITY: Assessment Of Ground	d Conditions	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E ail:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PC OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.		required to en that a safe work method s	tatement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	ppliance the VMS a well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS MAN HAVE THE FOLLOWING COMMUNICATED	NALE OF ALL RELEVANT PERSONNE EVELOPMENT AND APPROVAL OF	EL WHO HAVE BEEN CONSULTED AND CO THIS SWMS	DMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched and in account with agislative requirements to first identify any site hazards, such to compare hicas those hazards and then to further take steps to either eliminate or contact each hazard.			
If an incident or a near miss occurs, all work must stop an attern and the severity of the incident, a meeting will be called with all workers to amend the SWMS if required. The meeting may also be an educational opportunity.			
Any changes made to the SWMS after an incident or a near miss must be approved by the Person Conducting Business or Undertaking and communicated to all relevant personnel.			
The SWMS must be kept and be available for inspection at least until the work is completed. Where a SWMS is revised, all versions should be kept. If a notifiable incident occurs in relation to which the SWMS relates, then the SWMS must be kept for at least two years from the occurrence of the notifiable incident.			



CLIENT OR PRINCIPAL	CONTRACTOR DETAILS
Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date SWMS supplied to Project Manager:	
ANY HIGH-RISK CONSTRUC	
☐ involves a risk of a person falling more than 2 meters	I is carried out on or near pressurised gas mains or piping
□ is carried out on a telecommunication tower	carried out on or near chemical, fuel or refrigerant lines
☐ involves demolition of an element of a structure that is load-bearing	□ is carried out on or near energised electrical installations or services
□ involves demolition of an element related to the physical integ. Y of a sucture	\square is carried out in an area that may have a contaminated or flammable atmosphere
□ involves, or is likely to involve, disturbing asb	☐ involves tilt-up or precast concrete
involves structural alteration or repair that quires terminary supart to prevent collapse	☐ is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor
□ is carried out in or near a confined space	\Box is carried out in an area of a workplace where there is any movement of powered mobile plant
is carried out in/near a shaft or trench deeper that tunnel involving use of explosives	☐ is carried out in areas with artificial extremes of temperature.
☐ is carried out in or near water or other liquid that involves a risk of drowning.	☐ involves diving work.
ANY HIGH-RISK MACHINER	RY OR EQUIPMENT NEARBY



					RISK	MATRIX			
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE		HEIRARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE	ACTION	Elimination Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCE	Substitution	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review befor work starts.	Replace the hazard.	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Isolate People from the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	nitor and k⊾ records	Engineering Isolate the hazard.	
Low Low MODERATE HIGH HIGH LOW Katecords Iotes on Hierarchy of Controls: Elimination methods are the most effective and preferre usen consultant of a hazard. Substitution is the second most effective method of controlling a hazard. Engineering by isolation is the virtue to sten tive, while Administrative controls by changing the work is the fourth most effective method. PPE (Personal Protective Equipment) to be least effective method.									

						TIVE EQUIPM					
		Select the ap	propriate PPL	abo, ruitab	i or the equi	oment used or	the job task	being perform	ned (if applica	able).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION		P ECTION	R⊾ ⇒PIRATORY PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE Required:											
	Permit or Licenses Requirements					Ма	andatory Qual	ifications and	Training		



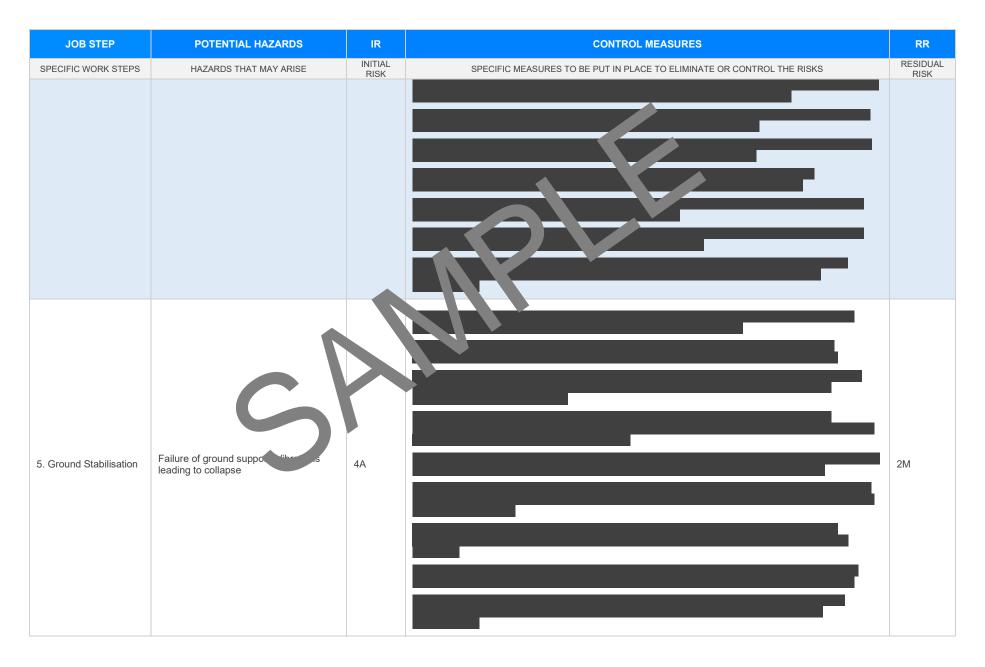
JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Trip hazards, Incorrect manual handling methods	ЗН	 Conduct a site inspection to identify and access potential trip hazards such as uneven surfaces, debris, and obstacles. Clear the work area of any unnecessary equiparent cools, or materials to create a clutter-free environment. Mark and signpost any identical trip hazards to an aword of and visitors of the potential risks. Ensure adequated control all work areas to improve visibility and reduce the risk of tripping. Implementation of housek toping politices by agularly cleaning and maintaining the workspace. Provide trainmoon safe cannal hand mode techniques, including proper lifting, carrying, and setting down of loa. Use high private portional protective equipment, such as safety boots with slip-resistant soles, to prevent slips an trip. Establing clear valkways and access routes, demarcated with visual cues like cones or tape, to guide provinte safely bound the site. Assignment epison to monitor and supervise the work area for ongoing risk assessment and imediate demoval of emerging hazards. No ke use of mechanical aids such as trolleys or lifting devices to assist in moving heavy or awkward items, minimising manual handling. Review and update the Safe Work Method Statement (SWMS) regularly to incorporate any new findings or changes in the work environment or procedures. 	2М
2. Site Assessment	Poor ground conditions, exposure to sun and environmental elements	ЗН	 Conduct a pre-site inspection to identify and assess ground conditions before starting any work. Ensure all workers are equipped with appropriate PPE, including hats, sunglasses, and sunscreen, to protect against sun exposure. Implement a heat stress management plan, including regular hydration breaks and access to shaded areas. Install temporary fencing or barriers to secure unstable ground areas until they can be addressed. Provide training for workers on recognising signs of poor ground conditions and the steps to take if identified. Develop an emergency response plan tailored to potential ground instability and weather-related incidents. Utilise soil testing where necessary to determine soil stability and inform construction approaches. Regularly monitor weather forecasts and adjust work schedules to avoid high-risk environmental conditions like extreme heat or rain. 	2M



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
			 Clearly mark uneven or unstable ground with warning signs to prevent accidental falls or equipment sinking. Establish clear communication protocols for reporting any changes in site conditions promptly. Use geotechnical engineering expertise whet necessary to evaluate and mitigate complex ground issues. 	
			- Limit heavy equipment operations to stable a case of review routes regularly for new risks.	
			 Coordinate with local authorities to understand a torical data garding ground stability and land use. Schedule routine inspections aroughout project durities a ensure ongoing safety and compliance. 	
3. Equipment Check	Faulty equipment, Improper use of tools	44	 Conduct routine inspection of all engineent theore use to identify any potential faults or wear and tear. Maintain a lowook of engineent chear insuring it is updated after each inspection. Ensempting personance trained and qualified in the correct use of equipment and tools specific to the job sit. Use dot e exponent with has been approved and certified for safety and suitability for the task. Clearly usel a greenove from service any faulty or damaged equipment until repairs are made. Phone to oper personal protective equipment (PPE) to operators and ensure it is worn correctly at all imes. Include detailed operational manuals and safety instructions with all equipment. Regularly schedule maintenance services for all machinery and tools according to the manufacturer's guidelines. Implement a tagging system to indicate the inspection status of each tool and piece of equipment. Provide refresher training sessions on equipment use and safety protocols at regular intervals. Install guards and barriers on equipment where necessary to prevent accidental contact. Set up a communication system, such as walkie-talkies, for ground staff to coordinate and monitor equipment usage. Post clear signage and warning notices around areas where equipment is being operated. Conduct hazard analysis and risk assessments prior to using equipment in new or altered worksite conditions. 	2М
4. Excavation	Collapse of sides, Falling objects	4A		2М

Version 2.5







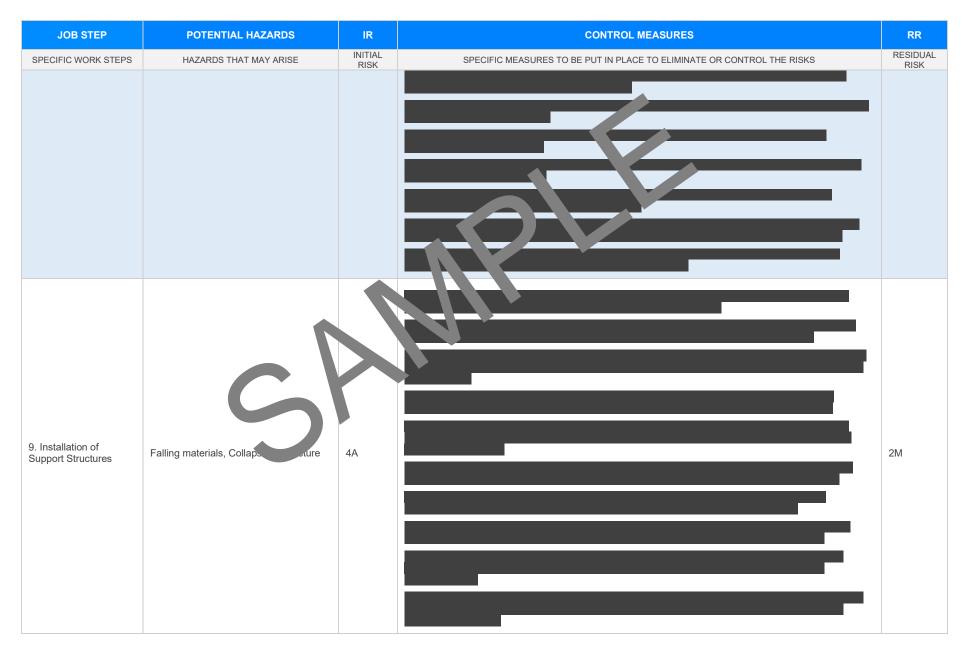


Version 2.5

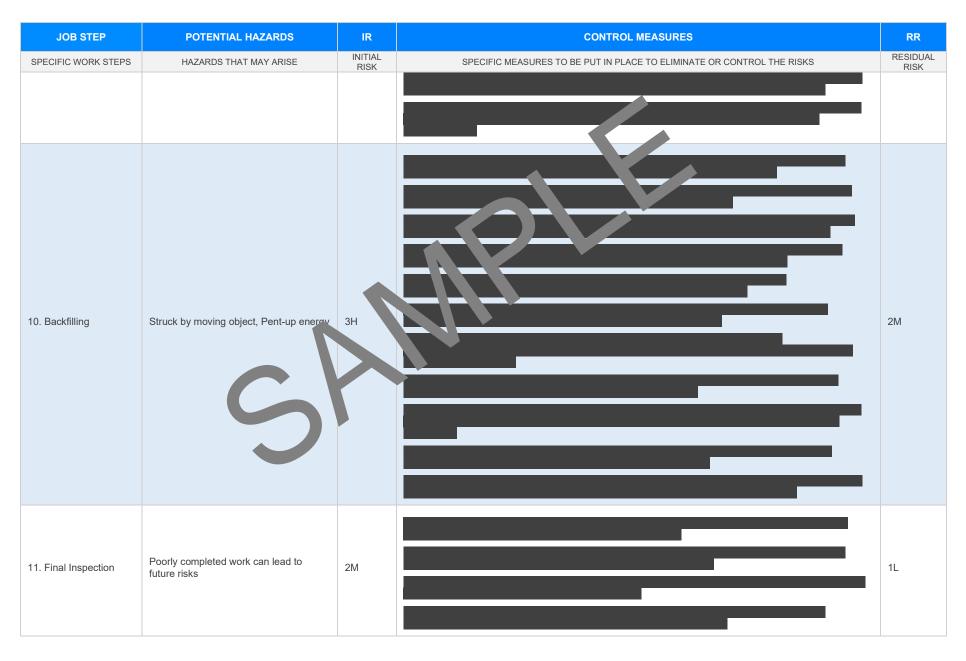


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
8. Drilling	Dust inhalation, Noise exposure	2M		1L



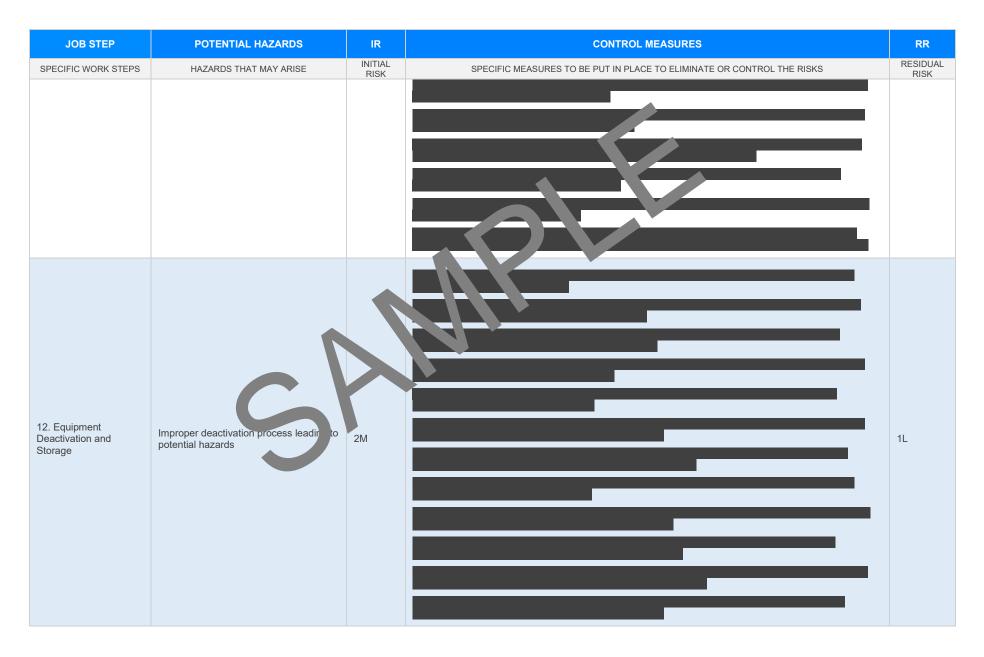






Version 2.5







JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
13. Site Clean Up	Trips and falls from unclean site, Injury from discarded materials	2M		1L 1
14. Waste Disposal	Exposure to hazardous waste, Incorrect disposal procedure	2M		1L

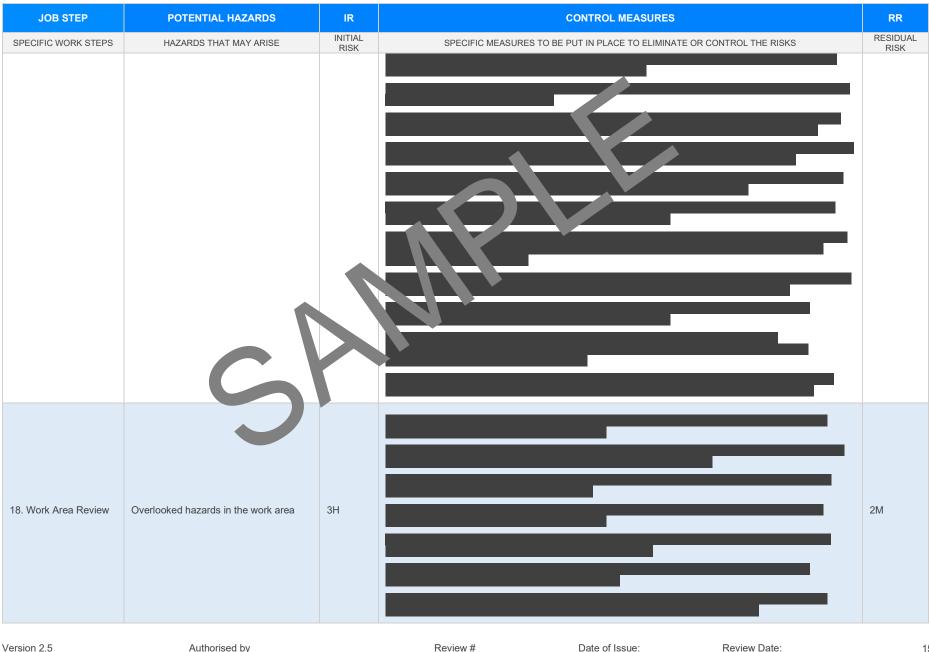


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
15. Documentation and Reporting	Miscommunication leading to possible safety oversights	1L		I 1L

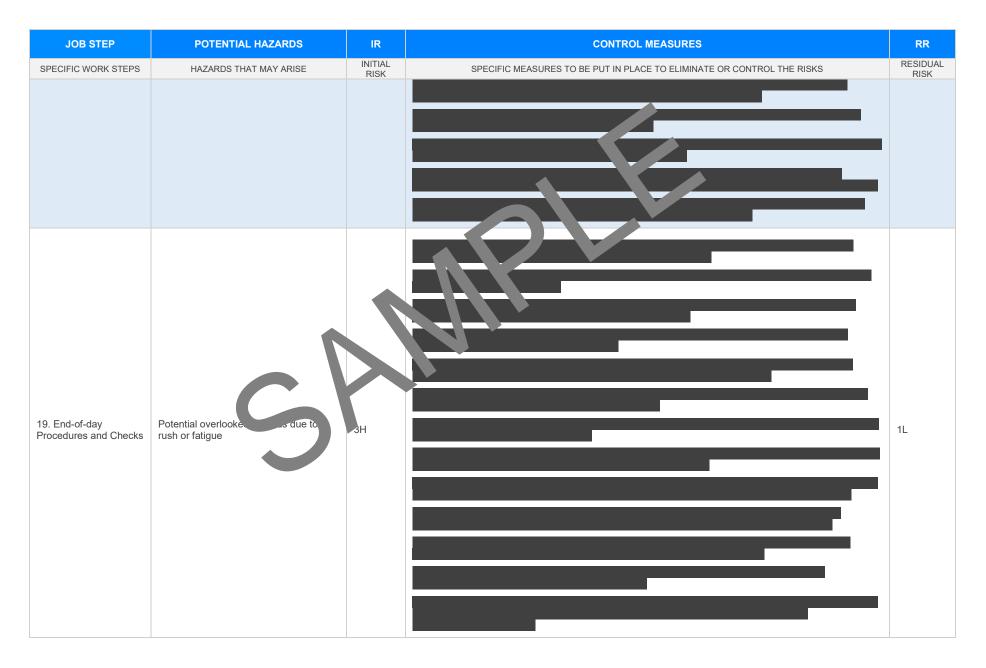


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
16. Safety Equipment Check	Incomplete safety in uipment check, Faulty safety gear	ЗН		1L
17. Safety Briefing for Next Shift	Incomplete transmission of safety information, New hazards overlooked	2M		1L











JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
20. Emergency Plan Review	Inadequate response to emergency situations	ЗН		1L
		1		1



EMERGENCY RESPONSE – CALL 000 FOR EMERGENCIES

Ensure to have an Emergency Management Plan in place as well as adequate numbers of trained first aid staff with easy access to fully stocked first aid kits, rescue equipment, material safety data sheets, adequate access to emergency communication equipment and fire-fighting equipment suitable for all classes of fire and ignition sources.

	ERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLA	TIVE REFERENCES ANY STATE AT ARE NOT APPLICABLE
Queensland & Australian Capital Territory Work Health and Safety Act 2011 Work Health and Safety Regulations 2011 Legislation QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws</u> Codes of Practice QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</u> Legislation ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Occupational Health an Safety Actor 04 Occupational Health and offety orgulations 2017 Legis of VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- oulations</u> Codes of mactice VIC <u>entips://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice</u>
New South Wales Work Health and Safety Act 2011 Work Health and Safety Regulations 2017 Legislation NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati-codes (Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati-codes (Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati-codes (Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis (Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis (Codes-o, ract)	Western Australia Work Health and Safety Act 2020 Work Health and Safety Regulations 2022 Legislation Western Australia: <u>https://www.commerce.wa.gov.au/worksafe/legislation</u> Codes of Practice WA: <u>https://www.commerce.wa.gov.au/worksafe/codes-practice</u>
Northern Territory Work Health and Safety (National Uniform Legislation) Act 2011 Work Health and Safety (National Uniform Legislation) Regulation 2015 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/workplace-servelaws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/fecture.com_stice</u>	Safe Work Australia Links Law and Regulation (All States): <u>https://www.safeworkaustralia.gov.au/law-and-regulation</u> Model Codes of Practice: <u>https://www.safeworkaustralia.gov.au/resources-publications/model- codes-of-practice</u>
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (SA) Legislation for SA: https://www.safework.sa.gov.au/resources/legislation Codes of Practice for SA: https://www.safework.sa.gov.au/resources/legislation Codes of Practice for SA: https://www.safework.sa.gov.au/work Tasmania Work Health and Safety Act 2012 Work Health and Safety (Transitional and Consequential Provisions) Act 2012 Work Health and Safety Regulations 2012 Work Health and Safety Regulations 2012	Model Codes of Practice - Managing noise and preventing hearing loss at work - Confined spaces - Labelling of workplace hazardous chemicals - Managing risks of hazardous chemicals in the workplace - Welding processes - First aid in the workplace - Managing the risk of falls at workplaces - Hazardous manual tasks - Managing the risk of falls in housing construction Managing diatrial risks in the workplace
Work Health and Safety (Transitional) Regulations 2012 Legislation for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations Codes of Practice for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council - Authorisation to commence work - Any required documents.	 Managing electrical risks in the workplace Demolition work Excavation work Work health and safety consultation, cooperation and coordination Managing the work environment and facilities How to manage work health and safety risks Managing risks of plant in the workplace Construction work



SIGNATORIES OF THE SAFE WORK METHOD STATEMENT

The signed and dated personnel listed below have cooperated in the consultation and development of this Safe Work Method Statement which has been approved by the Person/s Conducting a Business or Undertaking (PCBU). In signing this Safe Work Method Statement each individual acknowledges and confirms that they have read this SWMS in full, having raised any questions for items on this Safe Work Method Statement that require clarification, and confirms that they are competent, skilled and knowledgeable for the task assigned to them. Every person acknowledges that they have received the relevant training and gualifications where required, before carrying out any work contained in this Safe Work Method Statement. By signing this Safe Work Method Statement each individual agrees to work safely, to follow any safe work instructions which are provided, and agrees to use all Personal Protective Equipment where appropriate.

Worker Name	Signature	Date

SAFE WORK N THE ST ATEM ANT MONITORING AND REVIEW

d must reviewed (and

hav be sted by the operation

should be carried out in

The SWMS must be reviewed regularly to make sure it remains fective revised if necessary) if relevant control measures are revised. The viewn consultation with workers (including contractors htractors Vb of the SWMS and their health and safety representatives who represented that work group at the workplace.

When the SWMS has been revised the PCBU must ensure that persons involved with the work are advised that a revision has been made and how they can acces he revised SWMS, including all persons who will need to change a work procedure or system as a region of the review are advised of the changes in a way that will enable them to implement their duties antly with the revised SWMS. All workers that will be involved in the work must be provided with the relevant information and instruction that will assist them to understand and implement the revised SWMS.

The SWMS must be monitored regularly for the effectiveness of ensuring hazard controls are effective in reducing the risk of incidents, keeping the workplace safe for all personnel. The person responsible for monitoring the effectiveness of the Safe Work Method Statement should employ a multi-faceted approach which includes but is not limited to:

- 1. Spot Checks.
- 2. Consultation with workers, contractors and sub-contractors.
- 3. Internal audits on a continual basis.

An approach of continuous improvement, promptly recording inconsistencies or deficiencies. followed up by immediate corrective action and consultation with all relevant personnel ensures that the PCBU is consistently developing ever-improving systems of safe work principles.

REVIEW NUMBER	1	2	3	4	5	6	7
NAME							
INITIALS							
DATE							



SAFE WORK METHOD STATEMENT REVIEW CHECKLIST

This Safe Work Method Statement Review Checklist is to be followed and used upon initial development of the SWMS to help ensure that all steps have been adequately taken before work commences. Think of this document as an internal audit review checklist before commencing work, and may form part of a Toolbox Talk (safety meeting) and may be used as an opportunity for education and training.

ITEMS WHICH MUST BE INCLUDED IN THE SWMS	COMPLETED	COMMENTS
The company details have been entered, including the project name and address.		
All relevant personnel consulted during the development of the SWMS.		
Name, signature, position and date signed of the person approving the SWMS.		
Specific personnel and qualifications, experience is noted in the SWMS.		
Provides a step-by-step process of tasks required to carry out the activity or task.		
Adequate risk assessment of any identified hazards has been completed.	\boxtimes	
Foreseeable hazards are identified and documented for each step.	\boxtimes	
Any hazards listed in any site risk assessments have been added to the SWMs	\boxtimes	
SWMS initial risk (IR) column as well as residual risk (RR) column mpleted.	\boxtimes	
Check control measures added to the SWMS are the most effective selection	\boxtimes	
Responsible person is assigned and listed on the property of the importation control measures.	\boxtimes	
Permit or licenses requirements specified, su as Hot Work, Electric Work, Work at Heights etc.	\boxtimes	
SWMS identifies plant and equipment to be use	\boxtimes	
Details of inspection checks required for any equipment listed protection on the SWMS.	\boxtimes	
Describes any mandatory qualifications, experience, and g or skills required to perform the work.	\boxtimes	
Applicable personal protective equipment is selected on the SWMS.	\boxtimes	
Reflects and documents any legislative references and/or Australian Standards.	\boxtimes	
Identifies any hazardous substances used with specific control measures in line with any SDS.	\boxtimes	
REVIEWED BY	DATE REVIEWED	
SIGNATURE	DATE COMPLETED	