Stump Grinder Stump Grinder Stump Stu	SAFE WORK METHOD STA	TEMENT (SWMS)							
Т	ASK OR ACTIVITY: Stump Grind	er							
Business Name:		ABN:	SWMS#						
Business Address:									
Contact Person:	Phone:	E all:							
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PC. OF THE ROJECT							
THIS SAFE WORK METHOD STATEMENT IS APPROX 'D BY THE PC. 'OF TP', ROJECT Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or under trag (PC. V) is required to encode that a safe work method statement (SWMS) is prepared before the proposed work starts.									
Full Name:									
Signature:		Title:	Date:						
Details of the person(s) responsible for ensuring implementation, monitoring	opliance the VMS a vell as review	s and modifications of the SWMS.							
Full Name:		Title:	Phone:						
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS MAS PHAVE THE FOLLOWING COMMUNICATED	NATE OF ALL RELEVANT PERSONNI 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 according with a gislative requirements to first identify any site hazards, such a to compare the too compare the steps to either eliminate or contract each hazard.									
If an incident or a near miss occurs, all work must stop an attely. Depending on 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	000DF			HEIRARCHY OF CONTROLS						
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE	SCORE	SCORE	SCORE	SCORE	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.						

						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			Mandatory Qualifications and Training								



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK		
1. Preparation	Slips, trips and falls, Poor housekeeping	2М	 Conduct a thorough risk assessment and comspection hefore starting the project to identify potential hazards, such as uneven surfaces, debris, to betruction unant may cause slips, trips, and falls. Establish designated walkways and access is not never workers to use during the project to minimise the exposure to uneven ground or cluttered areas the could pose acisk for slips, trips, and falls. Ensure proper housekeeping or incorporating region of cluttered areas the could pose acisk for slips, trips, and falls. Ensure proper housekeeping or incorporating region of cluttered areas the could pose acisk for slips, trips, and falls. Provide anti-standotweak and reque all work area clear of one or tools, and other unnecessary clutter. Provide anti-standotweak and reque all work at the work area clear of one or tools, and other unnecessary clutter. Provide anti-standotweak and reque all work at the work areas. Clear mark as area with higher risk area clear of one or falling, such as steps, ramps, or change eleval to another workers and visitors of these hazardous areas. Replate the tax dame ed or worn-out flooring, pathways, and surfaces to prevent accidents resulting from poor octiditie. Train witkers accorrect lifting techniques and provide proper equipment, such as dollies or carts, to make the load eafely and without causing unnecessary strain on their bodies. Monitor eather conditions closely, especially during rainy or icy seasons, and adjust work plans foordingly to ensure safe working conditions, including postponing work in extreme weather conditions if nucessary. Instruct workers on the proper use and maintenance of personal protective equipment (PPE) related to slip, trip, and fall prevention. Develop an emergency response plan to ensure swift action is taken in case of a slip, trip, or fall incident. Regularly review and update this plan so that it remains current and relevant to potential	1L
2. Stump Assessment	Jumping stump grinder, Unexpected obstacles	3Н	 Conduct a thorough visual inspection of the stump and surrounding area to identify any potential obstacles, such as rocks, wires, or underground utilities. Remove any loose debris or objects that may cause the stump grinder to jump, ensuring a stable grinding platform and reducing the chance of equipment damage. Use appropriate signage and safety barriers to create an exclusion zone around the work area, preventing unauthorised access and protecting the public from potential hazards. Train all personnel operating the stump grinder on the safe use of the equipment, including proper start up and shut down procedures, and how to respond in the event of unexpected obstacles or equipment malfunction. 	



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
			- Ensure that regular maintenance checks are performed on the stump grinder, particularly focusing on the condition of the wheel, belts, teeth, and overall stability of the equipment.	
			- Evaluate the root system of the stump and plan the grinding process accordingly, taking into account the depth, width, and angle required to ensure safe peration and reduce the risk of jumping or uncontrolled movement.	
			- Prioritise communication between the equipment or prior and other workers, using clear hand signals and/or radio communication to alert each other the safety hazards or changes in the work plan.	
			- Provide each worker with Ferronal Protective Ecopment (Prog), including safety goggles, earmuffs, gloves, and steel-toed boots, which they should we hat reames while working in the vicinity of the stump grinder.	
			- In case of epicuntering unspect, obstacles using grinding, immediately stop the operation, assess the situation, and develop uitable, in to caress the issue without compromising safety.	
			- Alword grind sompson an appropriate, peed, systematically lowering the cutting wheel into the stump and a song aggregative movements that could cause the equipment to become unstable or unrest, no. 2.	
			- Estable h all merge excresponse plan to handle incidents involving injury, equipment damage, or other emergel, estimation and anse during the stump grinding process.	
	R		- conduct egular affety meetings with the team to review work procedures, address any concerns or issues, the continually improve the overall safety culture on the job site.	
			- conduct a site inspection: Before setting up the stump grinder, conduct a thorough site inspection to identify any potential hazards, such as rocks, debris, or other obstacles. This will provide valuable insight into potential issues related to unstable ground or machine setup failure.	
	Unstable ground, Machine setup failure		- Identify firm and level ground for setup: Choose a stable, level surface for setting up the stump grinder to reduce the risks associated with unstable ground. Remove any loose material or debris that could cause the machine to shift during operation.	
3. Stump Grinder Setup		2M	- Utilise stabilizers or outriggers: Equip the stump grinder with stabilizers or outriggers if available. These components can help maintain stability by distributing weight evenly across the base of the machine, reducing the likelihood of tipping or shifting on uneven terrain.	1L
			- Follow manufacturer's guidelines for setup: Read and strictly adhere to the manufacturer's guidelines for machine setup. This will ensure appropriate installation procedures are followed, minimising any potential setup failures.	
			- Perform regular maintenance checks: Keep the stump grinder well-maintained, addressing any wear or damage promptly. Regular servicing and maintenance can help prevent faults that may lead to setup failures or accidents.	
			- Provide proper training for operators: Ensure that all stump grinder operators have received comprehensive instruction on correct use, machine setup, and safety precautions, as well as possess the necessary qualifications or certifications.	



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
			- Use safety barriers and signage: Set up safety barriers and warning signs around the working area to keep unauthorised personnel or bystanders at a safe distance from the stump grinder while it is in operation.	
			- Plan for emergencies: Establish an emergence esponse plan in case of a machine-related incident. Train workers on how to deal with possible contantical failures, shutdown procedures, and first aid response.	
			- Monitor weather conditions: Pay attention to the eather forecasts and avoid operating the stump grinder in extreme conditions such as heavy rail, in strong wind that could contribute to unstable ground or impede safe setup.	
			- Regularly review are relate S. MS: Continuously a partor the effectiveness of control measures during each work step or make cess, adjustments to enhance safety. Ensure that all workers are informed of any change and how the will be applemented.	
4. Pre-Operation Inspection	Missing safety guard, court grinding wheel	2М		1L

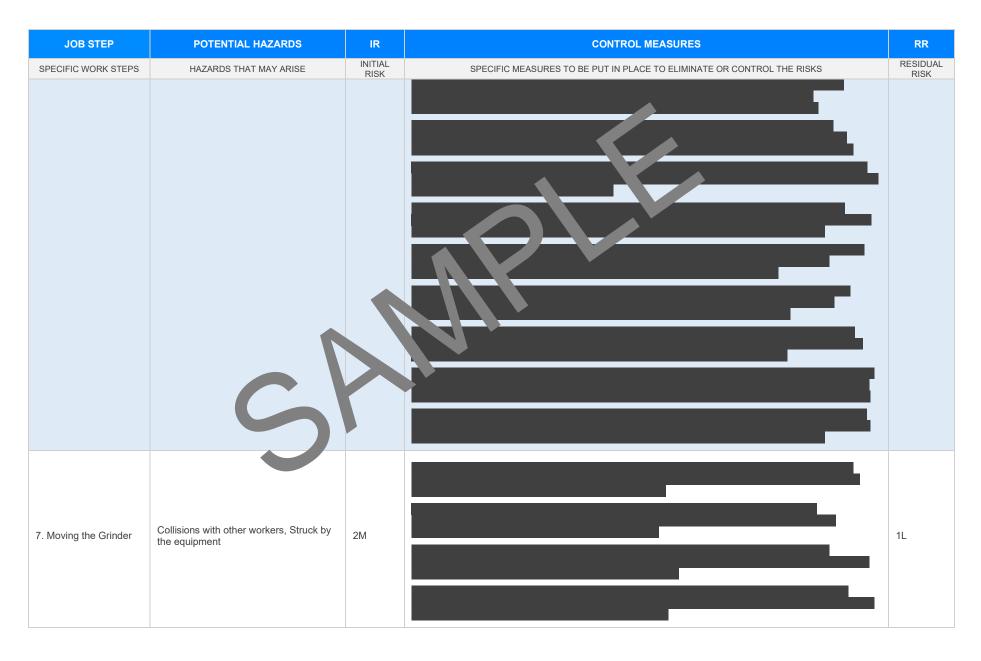


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
5. Grinding Operation	Flying debris, Noise exposure	3H		1L
6. Equipment Adjustment	Pinching injuries, Improper adjustment	2M		1L

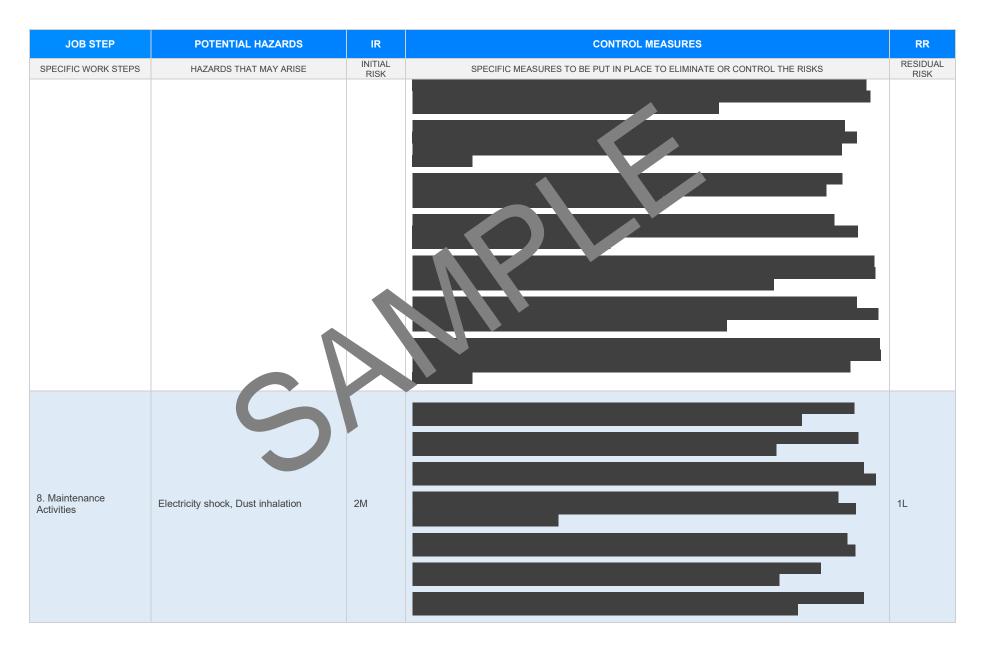
Version 2.5

Date of Issue:

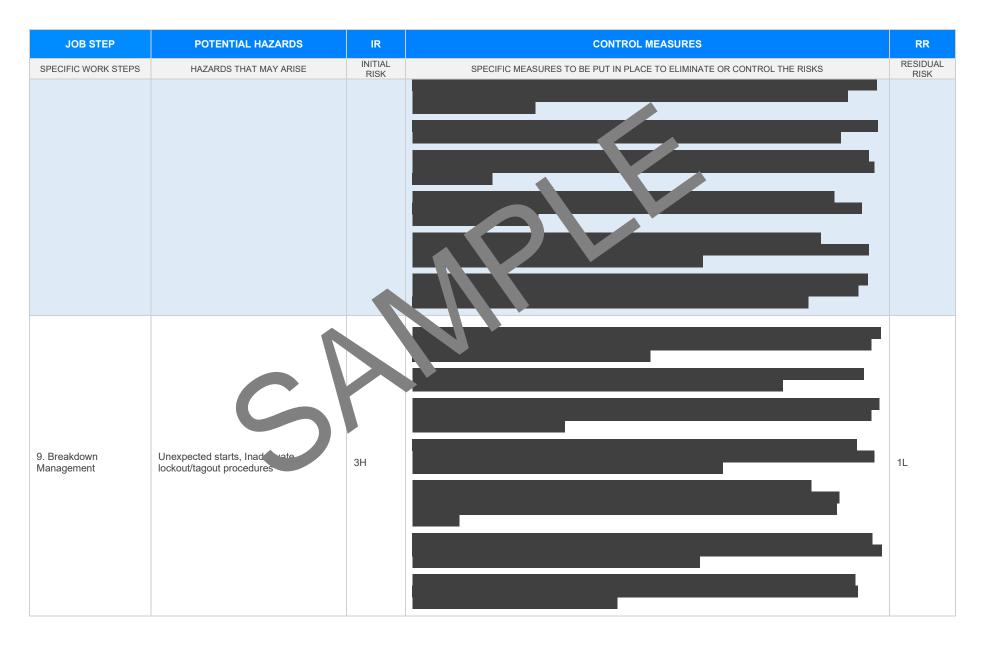




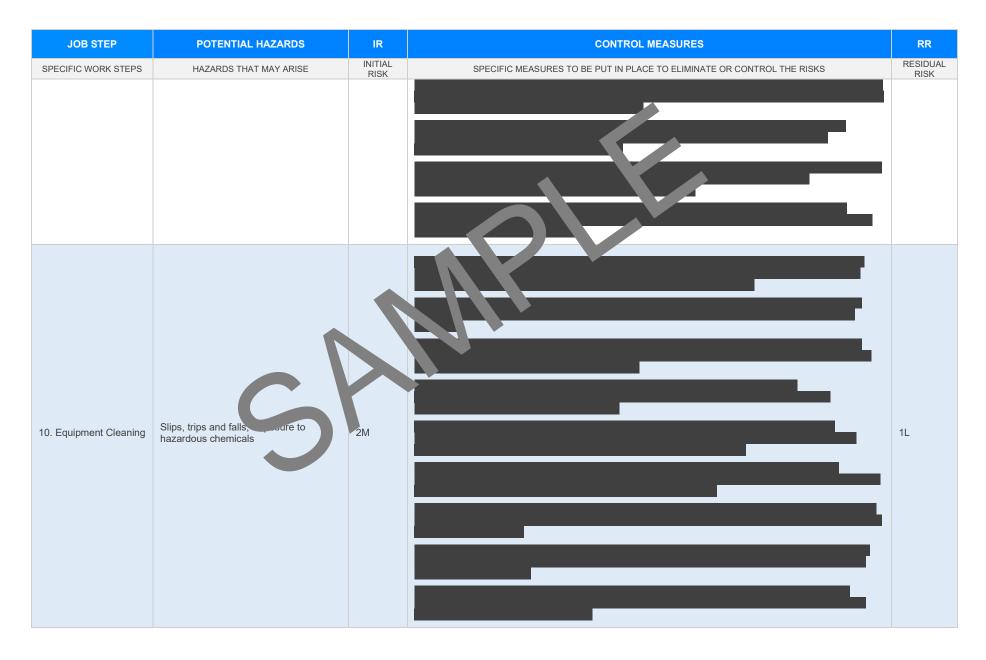




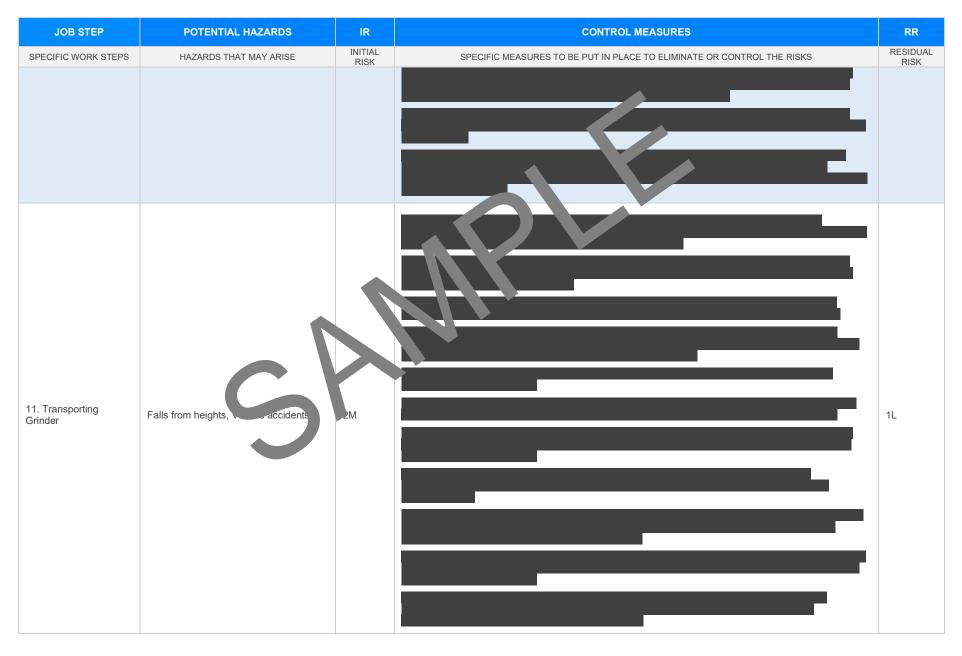




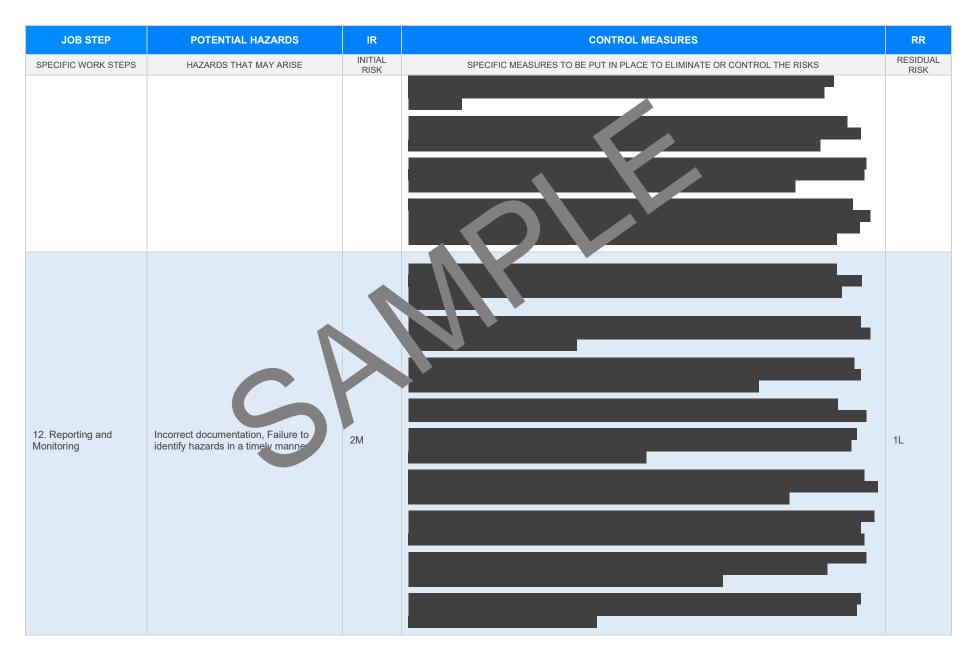














JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
		RISK		RISK
	S			



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.

LEGISLATIVE REF	ERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISL	ATIVE REFERENCES DANY STATE DAT ARE NOT APPLICABLE
Queensland & Australian Capital Territory Work Health and Safety Act 2011 Work Health and Safety Regulations 2011 Legislation QLD: https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws Codes of Practice QLD: https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice Legislation ACT: https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice	Victoria Occupational Health au Safety Act 204 Occupational Health and onfety or gulations 2017 Legis from VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-opulations</u> opulations of thes on mactice VIC <u>extps://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/legislative Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislative	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) Regulations 2011 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/weiplace-serv-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/ferriced-resources/compliance/weiplace-serv-laws</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-</u> <u>codes-of-practice</u> Model Codes of Practice
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (SA) Legislation for SA: <u>https://www.safework.sa.gov.au/resources/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_aces/codes-of-practice#COPs</u>	 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
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 (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	 First aid in the workplace Managing the risk of falls at workplaces Hazardous manual tasks Managing the risk of falls in housing construction Managing electrical risks in the workplace Demolition work Excavation work Work health and safety consultation, cooperation and coordination
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 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 part the importation ontrol 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 RE	VIEWED
SIGNATURE	DATE CO	MPLETED