

Electrical Installation and Ma	intenance   SAFE WORK M	ETHOD STATEMENT (SWMS	)
TASK OR AC	TIVITY: Electrical Installation and	I Maintenance	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E Jil:	
THIS SAFE WORK METHOD	STATEMENT IS APPRO		
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	sting a business or under the (PC - 1) is	required to en the 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 a	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 STMS MANY 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 egislative requirements to first identify any site hazards, such a company hicas those hazards and then to further take steps to either eliminate or contrast each hazard.			
If an incident or a near miss occurs, all work must stop an attactive 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	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.	

	PERS_VAL > TECTIVE EQUIPMENT (PPE)										
	Select the appropriate PPL above suitable or the equipment used or the job task being performed (if applicable).										
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	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Electrical shock, Trip hazards	2М	<ul> <li>Conduct a thorough risk assessment before commencing any work, identifying potential electrical hazards and ensuring all personnel involves are informed and trained on the necessary safety precautions.</li> <li>Ensure all power supplies, including circuit breaters, are switched off and locked out at the main source before beginning work to eline be the risk of accurated elemention.</li> <li>Clearly mark and isolate the data thated work area to be vent unauthorised access and reduce the risk of trip hazards from day, total, or subjement.</li> <li>Use only we maintained usulated to be an equipment with appropriate safety features (such as residual current levices) to minimise the central for electrical shock.</li> <li>Inspire and marked a clean, organised workplace, ensuring all walkways and access points are clear of obstruction cable and debris that could cause trip hazards.</li> <li>Plan and can yout we tasks in a structured, logical sequence, allowing enough time and space between actives to ave a overcrowding the workspace and creating unnecessary trip hazards.</li> <li>Notide dequactighting throughout the work area to ensure all potential hazards can be easily identified avoided.</li> <li>Implement a robust communication system where team members can voice concerns and report he ards promptly, enabling timely intervention and corrective measures to be taken.</li> <li>Implement an emergency response plan, outlining team roles, equipment location, and required actions in case of an electrical accident or fire to ensure a swift, coordinated response.</li> <li>Conduct regular toolbox talks to reinforce workplace health and safety procedures and share learnings from incident reports or near misses, creating a proactive safety culture within the team.</li> </ul>	1L
2. Cable Installation	llation Manual handling injuries, Falling objects 2M		<ul> <li>Provide proper manual handling training to workers involved in cable installations, focusing on correct lifting techniques and safe body postures to help minimise the risk of injuries.</li> <li>Ensure that all equipment such as ladders, scaffolding, and hoists used during cable installations are regularly inspected, maintained, and certified for use to prevent falling objects or accidents.</li> <li>Assign a designated spotter for ongoing cable installation work, responsible for identifying and communicating potential hazards related to falling objects or other on-site risks.</li> <li>Utilise appropriate personal protective equipment (PPE) for workers involved in cable installation, including hard hats, gloves, safety glasses, and high-visibility vests, to protect against potential workplace hazards.</li> <li>Develop and enforce clear procedures for safely securing tools and materials at heights, using tool lanyards and storage systems, to reduce the chances of falling objects injuring workers below.</li> <li>Employ safe work methods during cable installation, implementing the use of mechanical aids like cable reels, drum jacks, and cable pushers to help reduce manual handling demands and decrease injury risks.</li> </ul>	1L



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			- Establish and maintain a well-organised work environment, ensuring that walkways and access points remain free from loose cables, tools, and other trip hazards that may contribute to accidents.	
			- Encourage open communication among team menuers, emphasising the importance of promptly reporting any potential hazards or near misses trabling proactive identification and resolution of workplace risks.	
			- Conduct regular toolbox talks and pre-start eting ascussing the specific hazards related to cable installation and reinforcing the importance of a g to established control measures.	
			- Continuously review and at east the Safe Work he hod Statement (SWMS) for cable installation as necessary, based on changes of work conditions, en role nazards, or lessons learned from previous incidents, to ensure an end work or safety.	
		- Fall protections Implement proper fail protection measures such as guardrails, safety nets, or personal fall arrest systems when orking at help above 1.5 meters to prevent workers from falling and sustain injurit		
			- Safe cours and coress: Provide stable, nonslip work surfaces and ladders with handrails to facilitate safe acress of egrec to elevated work locations.	
1			Work a meight raining. Ensure that all workers required to work at heights have received appropriate , , , , , , , , , , , , , , , , , , ,	
			Anch, points and connectors: Inspect anchorage points, connectors, snap hooks, and carabiners gularly to wear, corrosion, and deformities. Replace them if any deficiencies are identified.	
			- A sical exertion management: Encourage workers to take short breaks and rotate tasks when installing conduit to prevent strain or overexertion injuries.	
. Conduit Installation	Working at height Physics	зн	<ul> <li>Proper lifting techniques: Train workers on how to lift and transport heavy materials and equipment correctly to reduce the risk of musculoskeletal injuries.</li> </ul>	2M
			- Personal protective equipment (PPE): Require workers to wear appropriate PPE (e.g., hard hats, safety goggles, gloves, and slip-resistant footwear) during conduit installation to protect against hazards.	
			- Ergonomic tools: Use ergonomically-designed tools that minimise physical strain to reduce the risk of injuries due to repetitive motion stressors or awkward postures.	
			<ul> <li>Pre-work inspection: Conduct a site inspection before starting conduit installation to identify potential hazards and strategize mitigation measures.</li> </ul>	
			<ul> <li>Secure tool storage: Provide adequate storage for tools and materials, ensuring that they are secure and organised while not in use, preventing trip and fall hazards.</li> </ul>	
			- Adequate lighting: Make sure the work area has sufficient and well-maintained lighting, allowing workers to see better and avoid potential hazards during conduit installation.	
			- Emergency response plan: Develop and communicate a clear emergency response plan for conduit installation and maintenance operations. Train all workers in these procedures, so they know what to do in the event of an accident or emergency.	
. Switchboard nstallation	Electric shock, Incorrect wiring	ЗН		1L

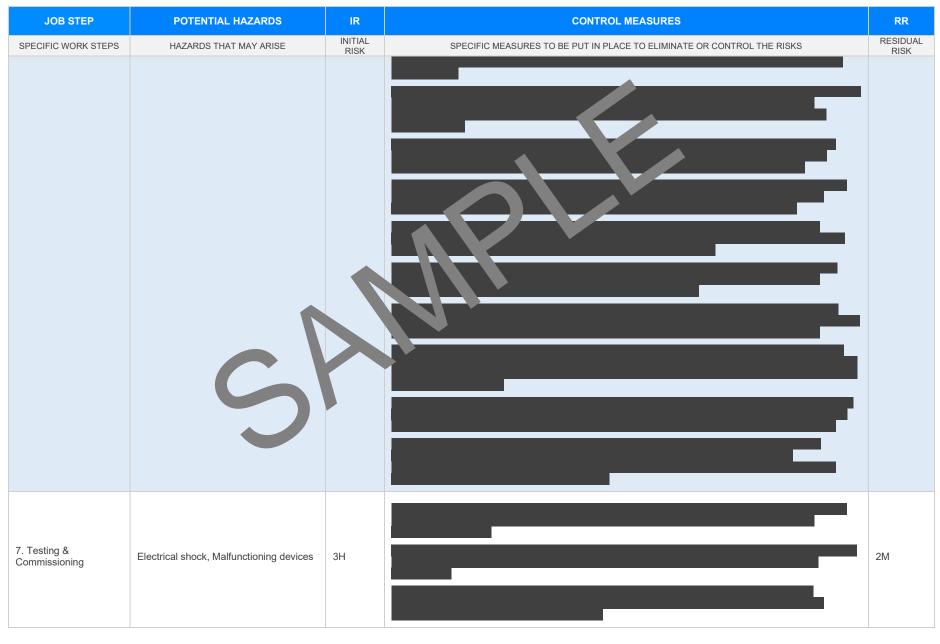


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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
5. Circuit Wiring	Cut and abrasion injuries, Fire hazards	2M		
6. Earthing System	Faulty connections, Corrosion damage	2M		1L
ersion 2.5	Authorised by		Review # Date of Issue: Review Date:	





Version 2.5

Date of Issue:

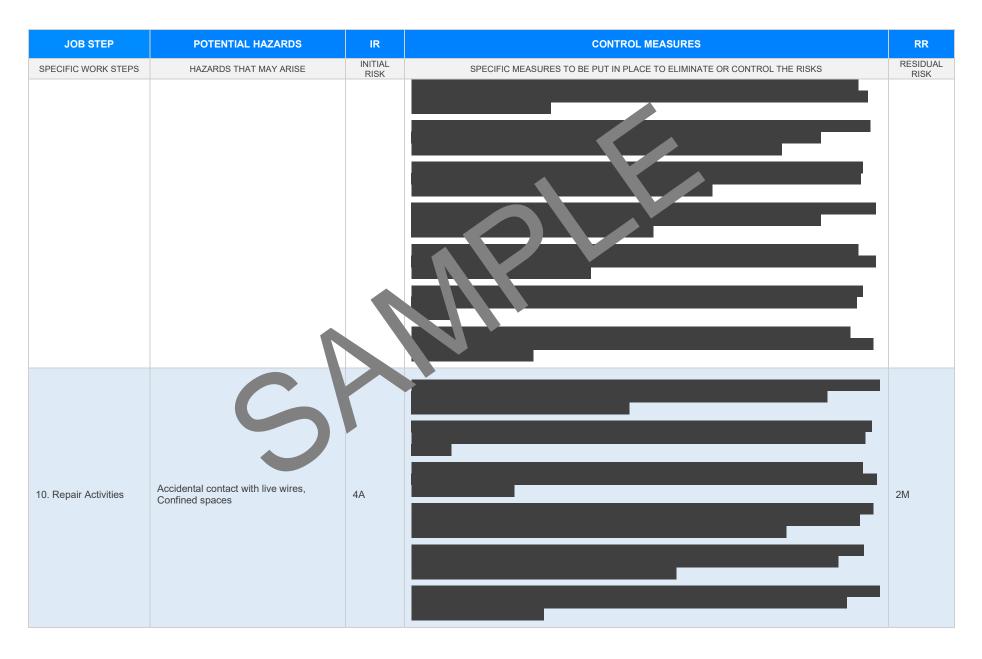


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	S			
8. Troubleshooting	Insufficient knowledge, Inadequate training	ЗН		1L

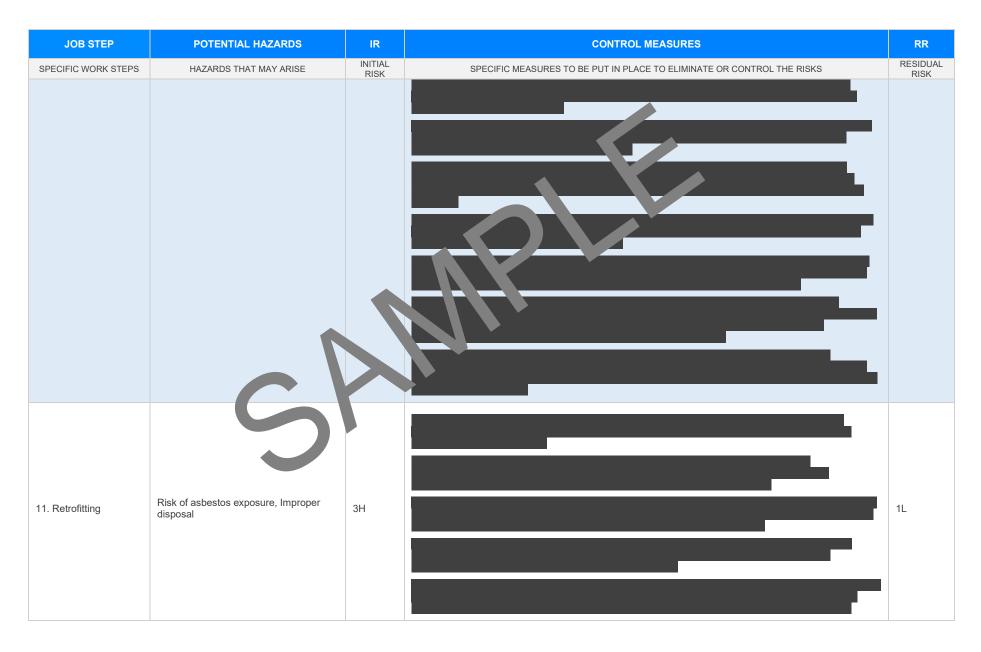


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
9. Maintenance	Electrocution risk, Unauthorised access	2М		1L

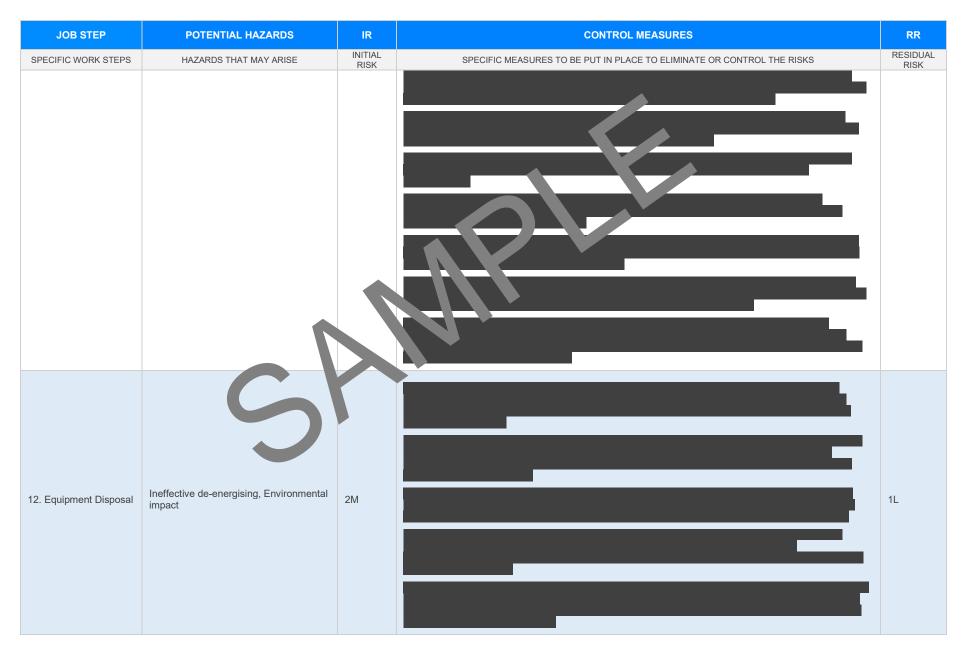




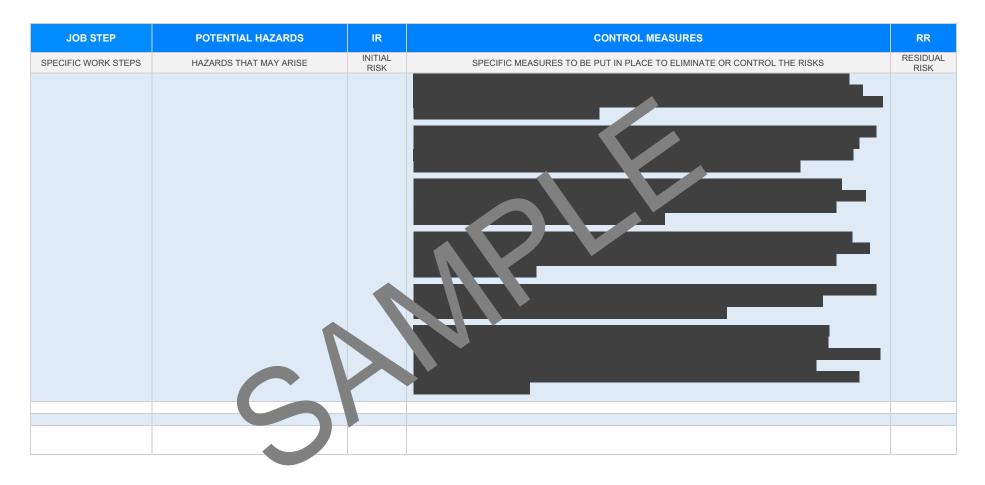














#### **EMERGENCY RESPONSE – CALL 000 FOR EMERGENCIES**

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 LEGISLATIVE 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: 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 2004 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: <a href="https://www.safework.nsw.gov.au/legal-obligations/legislative">https://www.safework.nsw.gov.au/legal-obligations/legislative</a> Codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/legal-obligations/legislative</a>	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>						
<b>Northern Territory</b> 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>	<ul> <li>Managing noise and preventing hearing loss at work</li> <li>Confined spaces</li> <li>Labelling of workplace hazardous chemicals</li> <li>Managing risks of hazardous chemicals in the workplace</li> <li>Welding processes</li> </ul>						
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: <a href="https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations">https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations</a> Codes of Practice for TAS: <a href="https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice">https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice</a>	<ul> <li>First aid in the workplace</li> <li>Managing the risk of falls at workplaces</li> <li>Hazardous manual tasks</li> <li>Managing the risk of falls in housing construction</li> <li>Managing electrical risks in the workplace</li> <li>Demolition work</li> <li>Excavation work</li> <li>Work health and safety consultation, cooperation and coordination</li> </ul>						
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.	<ul> <li>Managing the work environment and facilities</li> <li>How to manage work health and safety risks</li> <li>Managing risks of plant in the workplace</li> <li>Construction work</li> </ul>						



#### 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 COMPLETED		