

Troubleshooting Underperformi	ng Machines   SAFE WORK	METHOD STATEMENT (SW	MS)
TASK OR ACTIV	ITY: Troubleshooting Underperfo	orming Machines	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E 11:	
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 - I) is	required to entry e that a safe work method s	tatement (SWMS) is prepared before
Full Name:			
Signature:	NK	Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	opliance i the VMS a vell 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 ed in account with egislative requirements to first identify any site hazards, such to come nical, those hazards and then to further take steps to either eliminate or contral each hazard.			
If an incident or a near miss occurs, all work must stop an anately. 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 terrar by 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	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								

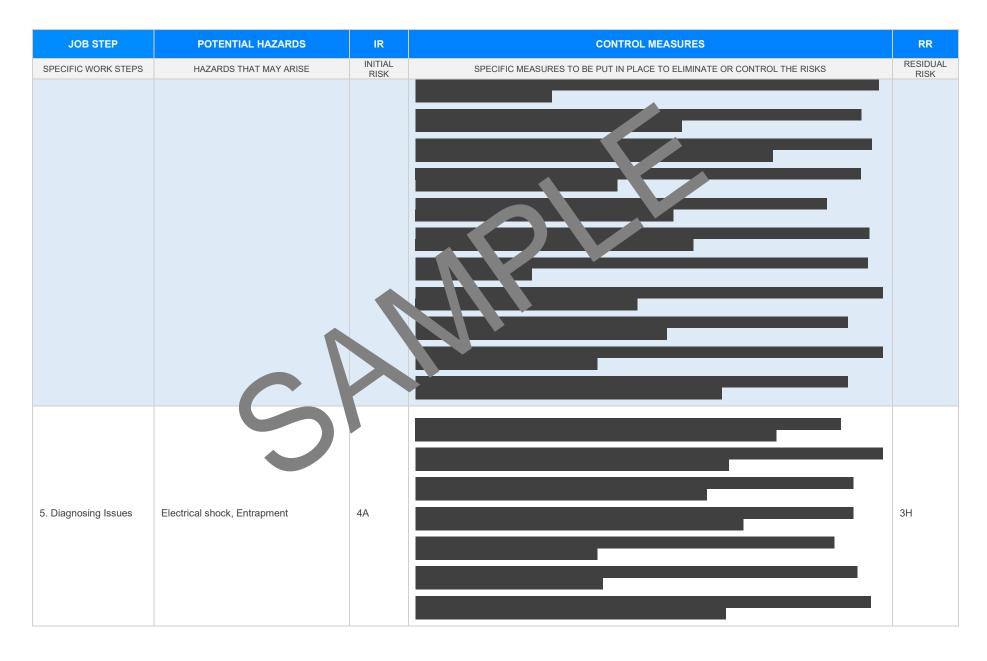


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Electric shock, Slip and trips, Ergonomic injuries	ЗН	<ul> <li>Conduct a risk assessment to identify space mazards linked with the machinery and the workspace.</li> <li>Ensure all personnel are trained and component in electrical safety practices before commencing work.</li> <li>Isolate power supply and use lockout/tagout providures to ensure machinery is completely de- energised.</li> <li>Provide adequate lighting and change in areas with consultal slip and trip hazards to improve awareness and visibility.</li> <li>Maintain clouwalkways actual the machineme ensuring they are free of obstructions such as tools, cords, or deb.</li> <li>Usé encropriate ensual protective equipment, including non-slip footwear and insulated gloves, when dealine to electron components.</li> <li>Implemented how the eping practices to regularly clean up spills and remove clutter from the work area.</li> <li>Rotate teaks among workers where possible to minimise repetitive motions and reduce fatigue.</li> <li>Iso machanical aids for lifting heavy objects instead of manual handling to prevent musculoskeletal injuries.</li> <li>Conduct regular inspections and maintenance of equipment and tools to ensure they are in proper working condition.</li> <li>Communicate hazards and control measures clearly during toolbox talks or pre-start meetings, ensuring all team members understand their roles in maintaining safety.</li> </ul>	2М
2. Equipment Inspection	Exposure to loose parts, Burn from hot surfaces	ЗН	<ul> <li>Conduct a visual inspection of the equipment before starting work to identify any loose parts or potential hazards.</li> <li>Ensure all personnel involved in the inspection are wearing appropriate personal protective equipment (PPE), including gloves and safety goggles.</li> <li>Use lockout/tagout procedures to isolate the equipment from power sources before beginning the inspection to prevent accidental activation.</li> <li>Allow sufficient cooling time for machinery that may have been recently operational to prevent burns from hot surfaces.</li> <li>Use non-contact temperature devices to check surface temperatures when in doubt about heat safety.</li> <li>Secure hair, jewellery, and loose clothing to avoid entanglement with moving parts.</li> <li>Clearly mark or barricade the area around the machine being inspected to minimise the risk of collisions or unauthorised access.</li> </ul>	1L

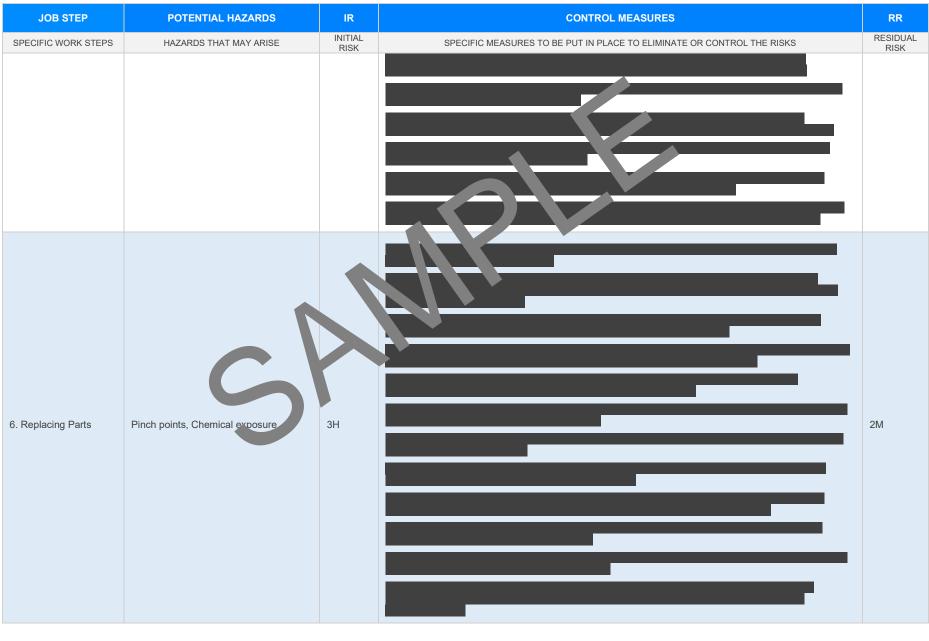


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
			- Have an additional team member present during inspection to assist and act as a spotter in case of emergency situations.	
			- Use proper tools designed for the specific machine components to minimise damage to the equipment and reduce risk of injury.	
			- Refer to manufacturer's guidelines for specific inspectic procedures and safety warnings related to the equipment model.	
			- Document findings in a detailed manner, idented g damaged storn, or missing parts for immediate attention or repair.	
			- Implement signage or warning bels on parts of the particularly hot or hazardous if touch	
			- Provide training sessions employees on inclutifying hazards associated with equipment inspection and first aid in usures.	
			- Control or ore-star safety briefing to ensure all team members are aware of noise exposure and start-up hazard	
			- Use sin age walert prosonnel in the vicinity that machine troubleshooting is underway.	
			- them t lock v/tagout procedures to prevent unexpected start-up during maintenance activities.	
	7		Equip ters with personal protective equipment (PPE) such as earmuffs or earplugs to minimise noise posure.	
			- In call barriers or guards around moving parts to protect workers during troubleshooting.	
			- Assign a spotter to monitor the area for unauthorised entry and ensure compliance with safety protocols.	
			- Develop and adhere to a standard operating procedure (SOP) for starting machines safely.	
3. Starting machine	Noise exposure, Un Start-u	вн	- Install emergency stop devices that are easily accessible in the event of an unexpected start-up.	2M
			- Limit the number of personnel exposed to noise by allowing only essential workers in the area.	
			- Perform a risk assessment prior to starting the machine to identify potential hazards and necessary controls.	
			- Ensure all tools and equipment used during troubleshooting are in good condition and properly maintained.	
			- Provide training to workers on safe machine operation and emergency procedures specific to troubleshooting tasks.	
			- Schedule regular maintenance to minimise the need for troubleshooting and reduce frequency of potential hazards.	
			- Clearly communicate machine status to all relevant personnel using visual indicators, like lights or signs.	
4. Running Tests	Incorrect use of tools, Electrical hazards	ЗН		2M
. Forming 1 6666		011		2101







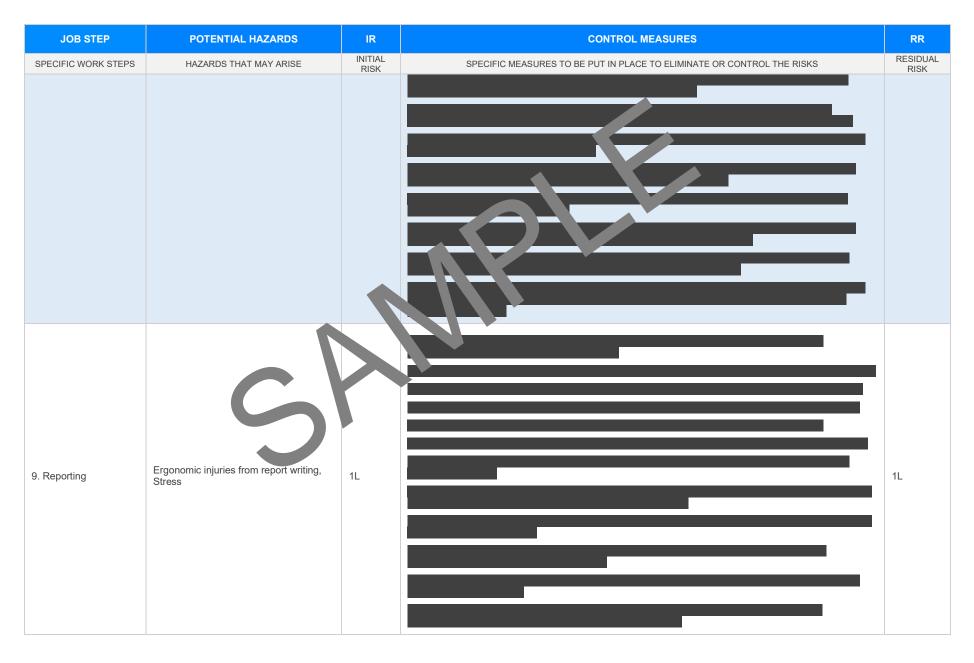


Version 2.5



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
7. Testing Machine	Moving parts, High temperature	2М		2M
8. Cleaning Up	Mishandling of chemical clean up materials, Falling objects	2M		1L

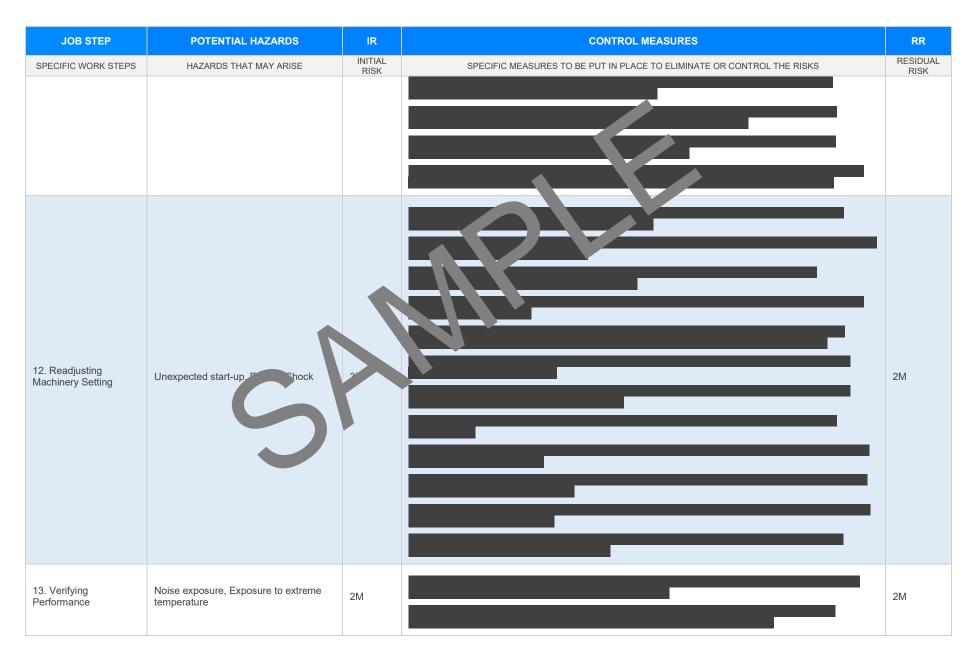






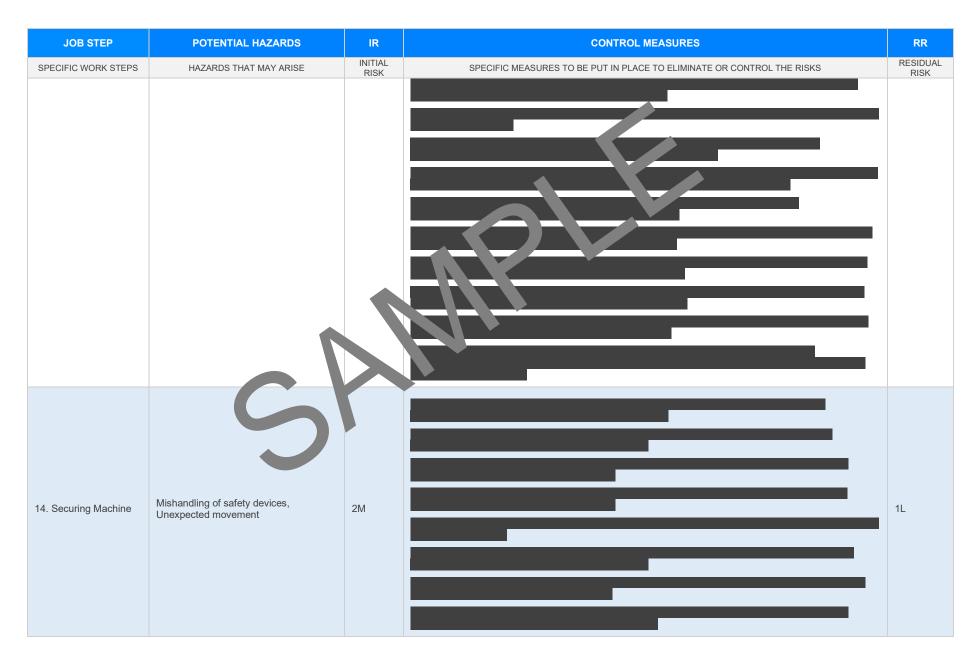






Version 2.5

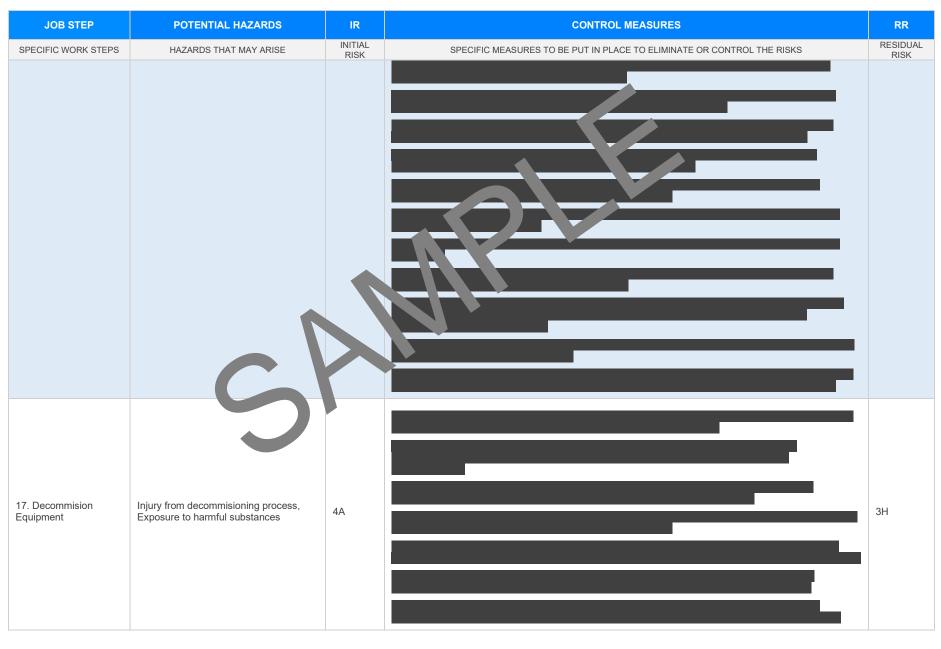






JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
15. Documentation	Repetitive motion incress, Mental stress from overwork	2М		I I 1L
16. Post-Maintenance Check	Missed safety checks, High pressure release	ЗН		2M





Version 2.5







PayPal

CALIFICATION OF

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
19. Staff Training	Inadequate training, Miscommunication of instructions	2М		1L
20. Final Audit	Failure to properly audit work, Missed hazard identifications	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 LEGISL	ATIVE 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/codes-of-practice</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Occupational Health au Safety Act and 4 Occupational Health and a fety or gulations 2017 Legistron VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulations</u> 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/legislati-codes">https://www.safework.nsw.gov.au/legal-obligations/legislati-codes</a> codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/legal-obligations/legislati-codes</a> codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/legal-obligations/legislati-codes</a> codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/resource-library/lis</a> <a acts-and-regulations"="" href="https://www.safework.nsw.gov.gov.gov.gov.gov.gov.gov.gov.gov.gov&lt;/td&gt;&lt;td&gt;Western Australia&lt;br&gt;Work Health and Safety Act 2020&lt;br&gt;Work Health and Safety Regulations 2022&lt;br&gt;Legislation Western Australia: &lt;u&gt;https://www.commerce.wa.gov.au/worksafe/legislation&lt;/u&gt;&lt;br&gt;Codes of Practice WA: &lt;u&gt;https://www.commerce.wa.gov.au/worksafe/codes-practice&lt;/u&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Northern Territory&lt;br&gt;Work Health and Safety (National Uniform Legislation) Act 2011&lt;br&gt;Work Health and Safety (National Uniform Legislation) Regulation 2011&lt;br&gt;Legislation NT: &lt;u&gt;https://worksafe.nt.gov.au/laws-and-compliance/weiplace-serv-laws&lt;/u&gt;&lt;br&gt;Codes of Practice NT: &lt;u&gt;https://worksafe.nt.gov.au/ferresourcestors.compliance/weiplace-serv-laws&lt;/u&gt;&lt;/td&gt;&lt;td&gt;Safe Work Australia Links&lt;br&gt;Law and Regulation (All States): &lt;u&gt;https://www.safeworkaustralia.gov.au/law-and-regulation&lt;/u&gt;&lt;br&gt;Model Codes of Practice: &lt;u&gt;https://www.safeworkaustralia.gov.au/resources-publications/model-&lt;br&gt;codes-of-practice&lt;/u&gt;&lt;br&gt;Model Codes of Practice&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;South Australia&lt;br&gt;Work Health and Safety Act 2012 (SA)&lt;br&gt;Work Health and Safety Regulations 2012 (SA)&lt;br&gt;Legislation for SA: &lt;u&gt;https://www.safework.sa.gov.au/resources/legislation&lt;/u&gt;&lt;br&gt;Codes of Practice for SA: &lt;u&gt;https://www.safework.sa.gov.au/work_aces/codes-of-practice#COPs&lt;/u&gt;&lt;/td&gt;&lt;td&gt;&lt;ul&gt; &lt;li&gt;Managing noise and preventing hearing loss at work&lt;/li&gt; &lt;li&gt;Confined spaces&lt;/li&gt; &lt;li&gt;Labelling of workplace hazardous chemicals&lt;/li&gt; &lt;li&gt;Managing risks of hazardous chemicals in the workplace&lt;/li&gt; &lt;li&gt;Welding processes&lt;/li&gt; &lt;/ul&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;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: &lt;a href=" https:="" laws-and-compliance="" topics="" worksafe.tas.gov.au="">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> </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>Work health and safety consultation, cooperation and coordination</li> <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.	$\square$	
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 RE	VIEWED
SIGNATURE	DATE CO	MPLETED