Asbestos Exposure During E	xcavation SAFE WORK M	ETHOD STATEMENT (SWMS	5)
TASK OR AC	TIVITY: Asbestos Exposure Duri	ng Excavation	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E fil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY		
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or under the (POUU) is	required to en 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	poliance 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 red in according with gislative requirements to first identify any site hazards, such a computer history those hazards and then to further take steps to either eliminate or contract each hazard.			
If an incident or a near miss occurs, all work must stop an added by 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.	
DARE LOW LOW MODERATE HIGH HIGH LOW Moderate Isolate the hazard. Iotes on Hierarchy of Controls: Elimination methods are the most effective and preferrement on the value of controlling a hazard. Engineering by isolation is the virtue ost endiver, while Administrative controls by changing the work is the fourth most effective method. PPE (Personal Protective Equipment), the least effective Substitution Administrative PPE PPE PPE PPE PPE PPE										

						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	Asbestos dust exposure, trip hazards from equipment wires	3H	 Conduct a thorough risk assessment before commencing work to identify potential asbestos-containing materials. Ensure all workers have completed asbestos are usess training and are familiar with safe handling procedures. Establish a clear boundary around the work area are ng browers and warning signs to prevent unauthorised access. Use approprint personal potect requipment OPE), including P2 or N95 respirators, disposable coveralls, gliers, and safe goggles. Implement a numether approach to continue the release of asbestos fibres by dampening materials with a summist s, numer to excavation. Regurdly spect at trainintain all equipment, ensuring that it is in good working order and free from faults that continue to hazards. Plan case an equipment placement to avoid creating trip hazards, keeping wires and hoses organised an excurd. Design specific walkways and routes for equipment and workers, clearly marking these paths to avoid afusion and reduce collision risks. Arange for an accredited asbestos removal contractor to safely manage any disturbed asbestos materials following the National Code of Practice. Conduct air monitoring during and after work activities to check for airborne asbestos fibre levels and ensure they remain below exposure standards. Set up and maintain washing facilities for workers to decontaminate themselves and remove PPE safely before leaving the site. Develop an emergency response plan detailing actions and contacts if accidental asbestos exposure occurs. 	2M
2. Site Assessment	Incorrect identification of asbestos, physical injuries from site debris	4A	 Conduct thorough training for all personnel on site regarding asbestos identification and handling procedures. Use a qualified professional to perform an initial site survey to identify potential asbestos-containing materials (ACMs). Clearly label and demarcate areas where asbestos is suspected or confirmed using appropriate signage. Implement exclusion zones around identified or suspected asbestos-containing areas to prevent unauthorized access. Provide personal protective equipment (PPE), including respiratory protection, to all workers involved in the assessment process. 	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
			- Utilize certified laboratories to test samples of suspected materials for the presence of asbestos.	
			- Develop and implement an asbestos management plan detailing detection procedures and control measures.	
			- Maintain clear communication channels are by team members to effectively report and respond to any asbestos findings.	
			- Ensure that all tools used during site assession to cleaned and decontaminated after use to prevent cross-contamination.	
			- Appoint a competent person esponsible for over using a sestor management and control measures on site.	
			- Include emerged by procedures specific to asberros-related incidents within the overall site safety plan.	
			- Inspect the transformation in a for physical hazard and the sharp objects or unstable structures before commencing any evaluation at tivities	
			- Revealented update ask assessments regularly as more information about the site's condition becomes available.	
			Implement a conjugated exclusion zone around the excavation site to prevent unauthorised access and no mise spestor study stread.	
			Utilise y-duty plastic sheeting or industrial fabric barriers to encase the excavation area, restricting borne as bestos fibres.	
			- A ply water suppression techniques during barrier installation to dampen surfaces and reduce dust mobilisation.	
			- Use signage to clearly mark and communicate the boundaries of isolation zones for workers and other personnel on-site.	
			- Train workers in proper handling and setting up of isolation barriers to maintain stability and effectiveness.	
3. Isolation	Asbestos dust spreading physical dain from isolation barriers setu	4A	- Inspect all isolation materials before use to ensure they are free from damage and capable of containing asbestos dust.	2M
			- Assign sufficient personnel to aid in the setup of barriers, minimising physical strain and ensuring timely, effective enclosure construction.	
			- Provide personal protective equipment (PPE) such as respirators and appropriate clothing for workers involved in isolation tasks.	
			- Schedule regular breaks for workers engaged in strenuous activities to prevent fatigue and ensure workplace safety compliance.	
			- Utilise mechanical lifting aids for transporting heavy materials used in barrier construction to reduce manual handling risks.	
			- Establish routine monitoring protocols to assess the integrity of isolation measures and implement adjustments if necessary.	

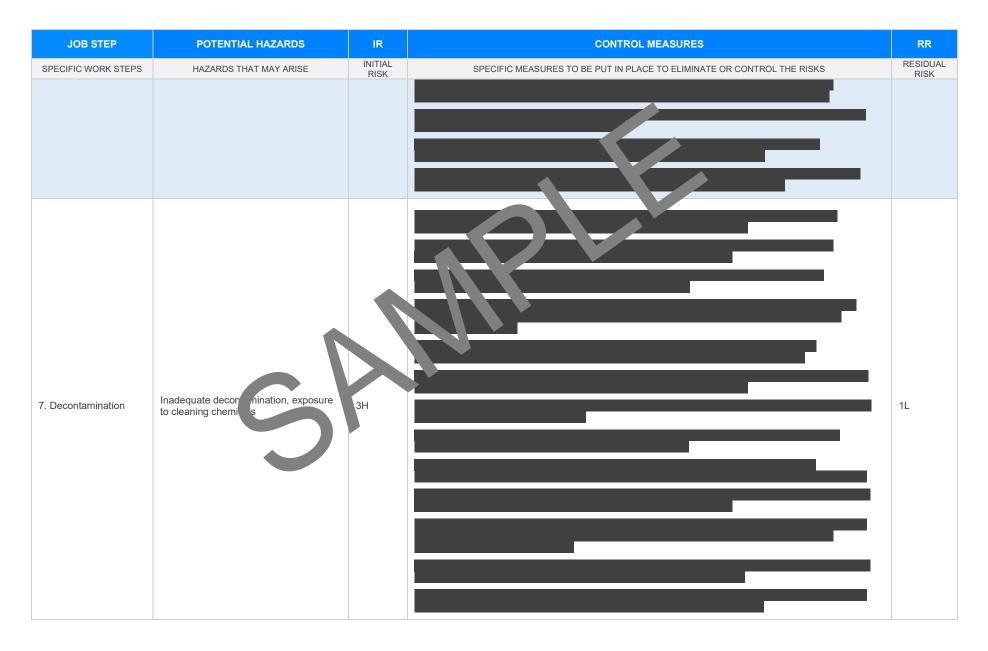


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
4. Asbestos Identification	Skin irritation from non-recognised asbestos form, inhalation of asbestos fibres	RISK 3H	 Document all isolation processes and materials utilised to ensure traceability and allow for future safety evaluations. 	IL RISK
5. Excavation Start	Asbestos material disturbance, accidental machinery operation	ЗН		2M







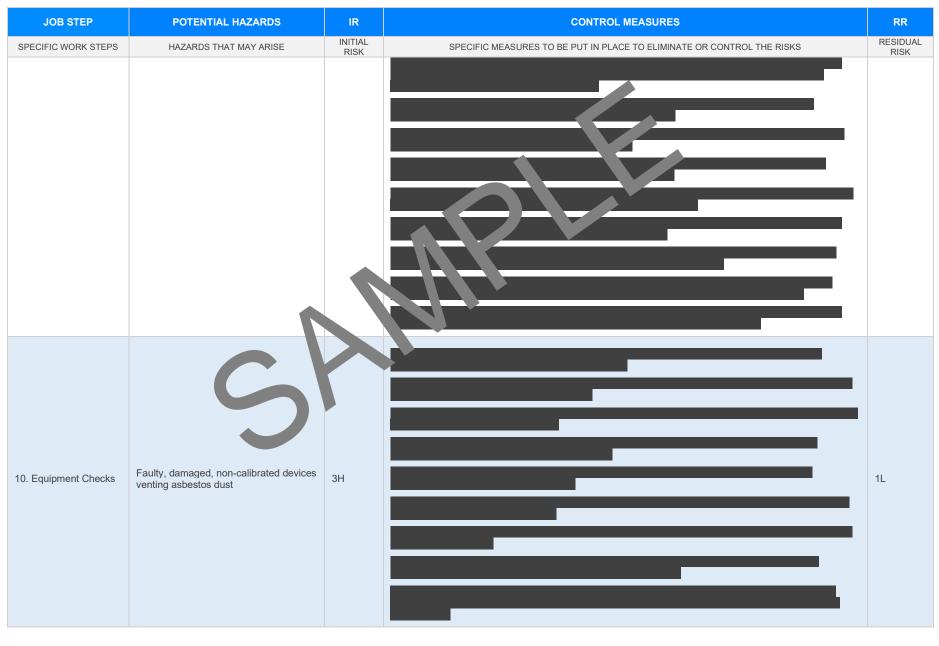


Version 2.5



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. Material Disposal	Risks at authorised disposal facilities, cuts or punctures from sharp objects in waste	ЗН		1L
9. Area Restriction	Unauthorised area entry, residual asbestos contamination	4A		1L

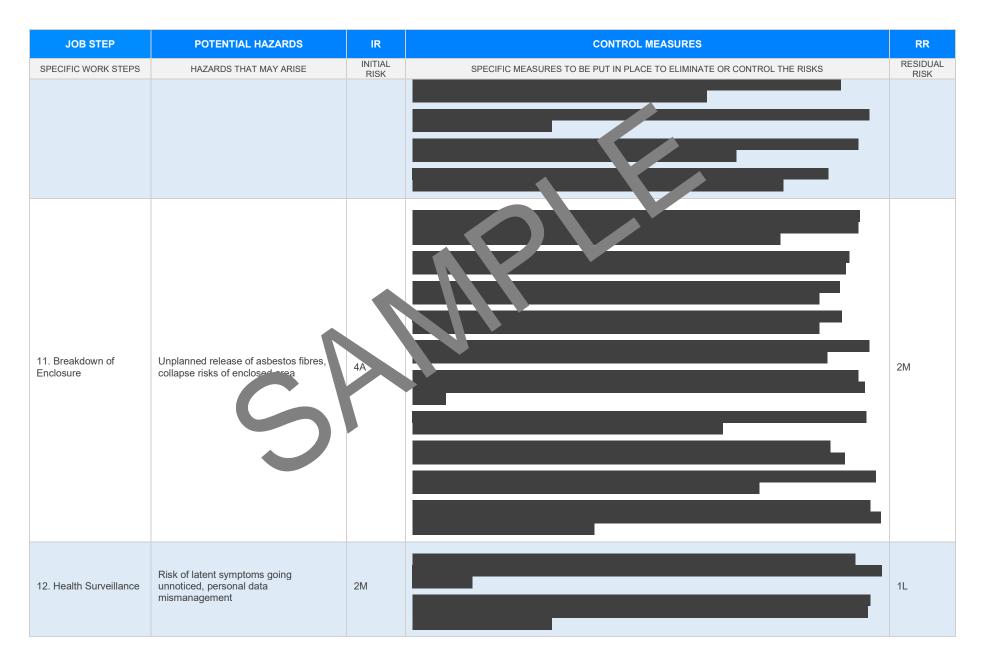




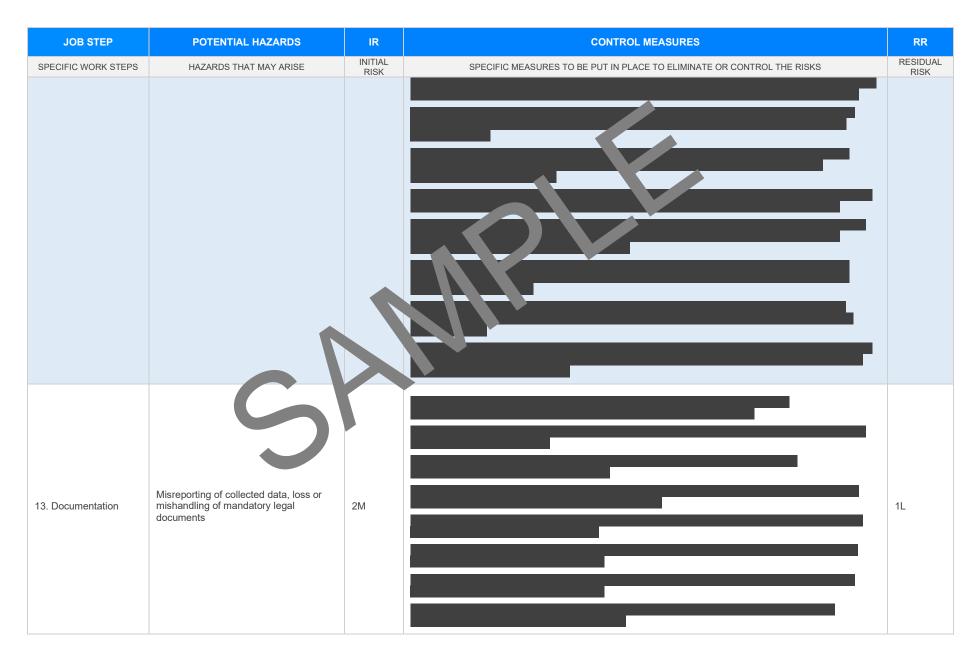
Version 2.5

Date of Issue:





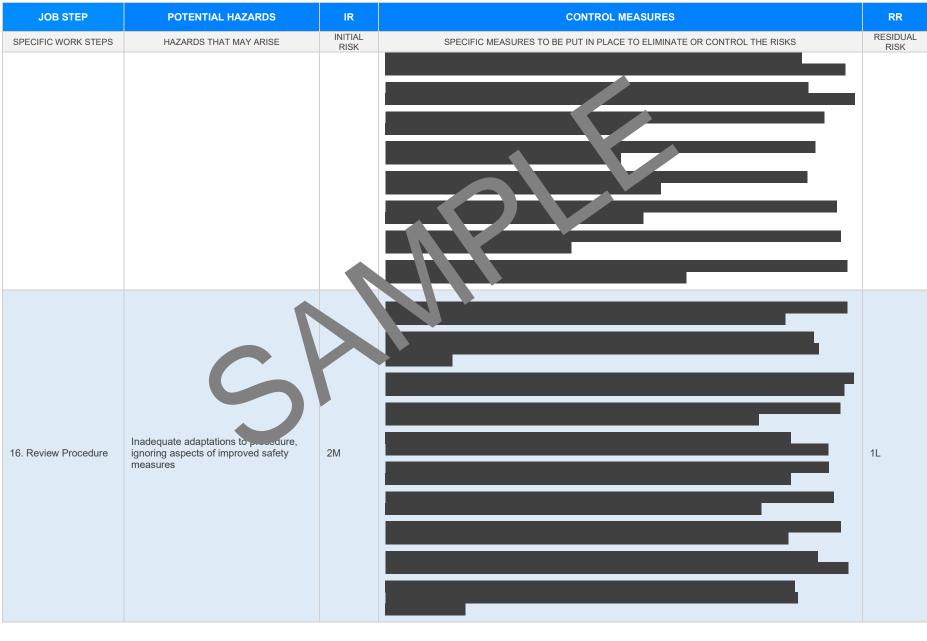






JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
14. Final Inspection	Incomplete inspection leading to residur risk, missed documentation	-		2М
15. Work Area Return	Residual dust contamination, unreported asbestos materials	ЗН		2M



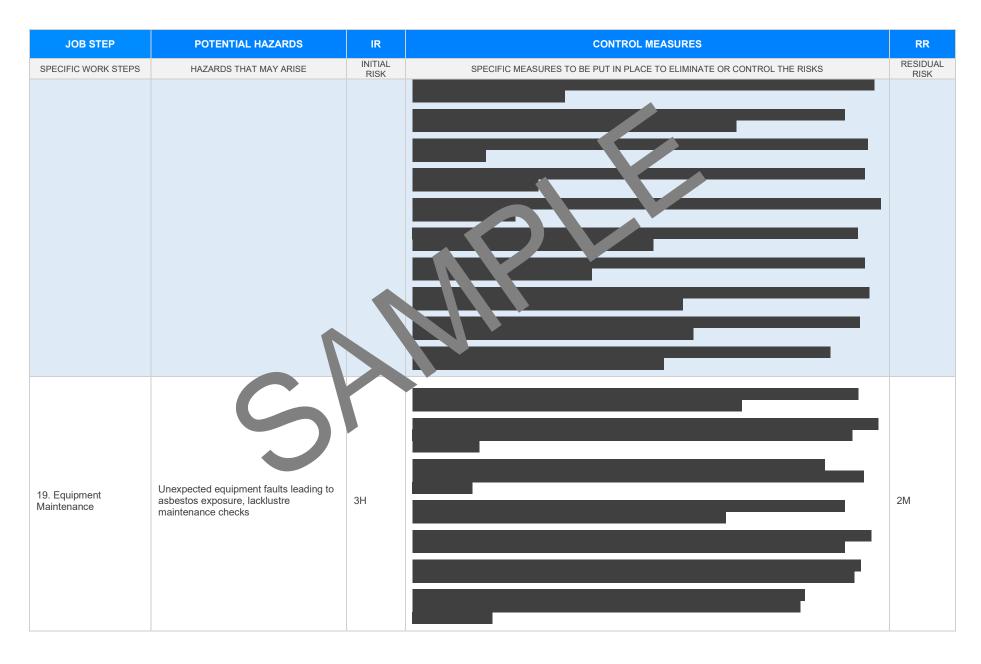




JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
17. Training Sessions	Inadequate training leaving gaps in knowledge, overlooked individual need	ЗН		2M
18. Emergency Procedures	Unprepared for unexpected releases, inability to react properly during incidents	4A		2М

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
20. Site Closure	Premature site closure leading to exposure, improper handling during closure			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: 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 <a acts-and-regulations"="" href="https://www.safework.nsw.gov.gov.gov.gov.gov.gov.gov.gov.gov.gov</td><td>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></td></tr><tr><td>Northern Territory
Work Health and Safety (National Uniform Legislation) Act 2011
Work Health and Safety (National Uniform Legislation) Regulation 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/ferresourcestors.compliance/weiplace-serv-laws</u></td><td>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>
Model Codes of Practice</td></tr><tr><td>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></td><td> 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 </td></tr><tr><td>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
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.	 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	