Working With Hydrogen Pe	eroxide SAFE WORK MET	HOD STATEMENT (SWMS)	
TASK OR /	ACTIVITY: Working With Hydrog	en Peroxide	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E ail:	
THIS SAFE WORK METHOD	STATEMENT IS APPROL	THE PC. OF TP', ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conductive proposed work starts.	ucting a business or under thing (Pt - U) is	required to entry that a safe work method	statement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitorin	compliance of the SWN as well as re	eviews and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS WMS	NACE OF ALL RELEVANT PERSONN EVELOPMENT AND APPROVAL OF	NEL WHO HAVE BEEN CONSULTED AND THIS SWMS	COMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched, ed in according with regislative requirements to first identify any site hazards, and the to contain the those hazards and then to further take steps to either eliminate or contail each hazard.			
If an incident or a near miss occurs, all work must store a clately. 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:	
☐ involves a risk of a person falling more than 2 meters	d 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 integritystructure	\Box is carried out in an area that may have a contaminated or flammable atmosphere
□ involves, or is likely to involve, disturbing as the set of the	☐ involves tilt-up or precast concrete
involves structural alteration or repair the requires to prary support to prevent collapse	\Box 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 the first or tunnel involving use of explosives	\Box is carried out in areas with artificial extremes of temperature.
\Box 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	800DF	ACTION		HEIRARCHY OF CONTROLS											
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE	SCORE	SCORE	SCORE	SCORE	SCORE	SCORE	SCORE	SCORE	OUDINE	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 key recorde		Engineering Isolate the hazard.											
is the second m	RARE 1 1 2 3 3 1L nintor and kto records Isolate the hazard. Isolate the most effective and prefers HIGH HIGH LOW kto records Isolate the hazard. Administrative Controls: Elimination methods are the most effective and prefers en colspan="4">colspan="4">Colspan="4"Colspan="4">Colspan="4"Colspan																			

	PERS_NAL TECTIVE EQUIPMENT (PPE) Select the appropriate PPL about suitably for the equipment used or the job task being performed (if applicable).										
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION			RL SPIRATORY PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE R	Required:					_					
	P	ermit or Lice	nses Requiren	nents			Mandatory Qualifications and Training				



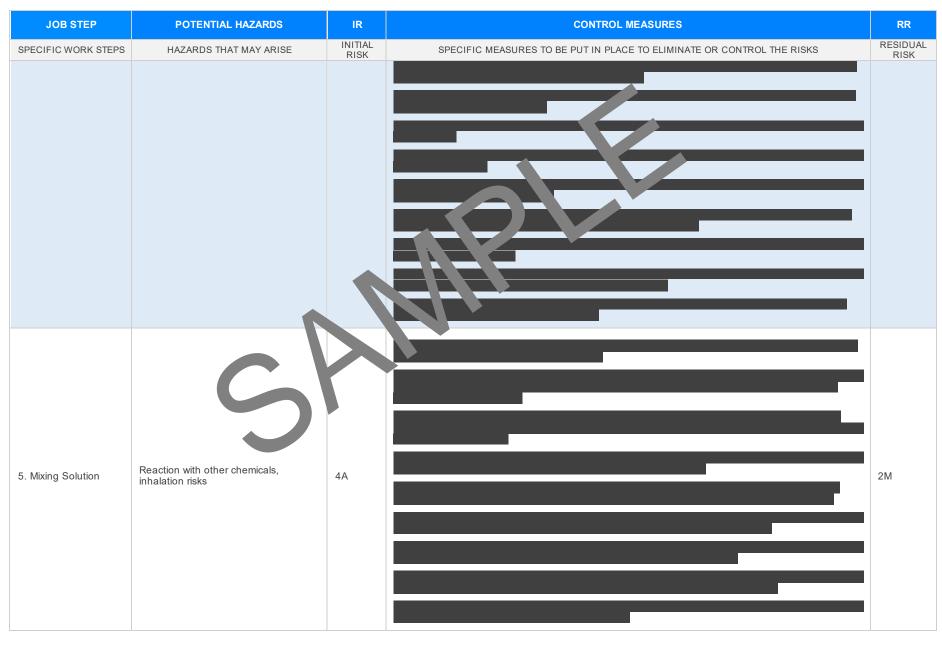
JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Chemical exposure, inadequate PPE	ЗН	 Conduct a risk assessment to identify potential hazards associated with hydrogen peroxide. Ensure safety data sheets (SDS) for hydrogen perovale are accessible and well-understood by all personnel. Implement a chemical hygic e plan that include procedure per safe handling, storage, and disposal of hydrogen peroxide. Use appropriate rescaled proteinive equipment (Proc), including gloves, goggles, face shields, and chemical-resister clothing. Train all workers on the oriect use account (Proc), including gloves, goggles, face shields, and chemical-resister clothing. Train all workers on the oriect use account enable of PPE related to hydrogen peroxide exposure. Estructure a decimal marea for the preparation of hydrogen peroxide to minimise the spread of containents. Ensultiplicar vertication within the preparation area to prevent the accumulation of vapours. Store in drogen peroxide in a cool, dry, and well-ventilated area away from incompatible substances. Gody used all containers of hydrogen peroxide with hazard symbols and relevant information. Implement emergency procedures for spills or accidental contact, including eyewash stations and nower facilities. Resulting inspect and maintain equipment used in the preparation process to prevent leaks or malfunctions. Ensure spill kits and first aid supplies are readily available and personnel are trained to use them effectively. 	2M
2. Storage Handling	Spillage, improper storage	4A	 Store hydrogen peroxide in a cool, dry, and well-ventilated area away from direct sunlight, heat sources, and incompatible substances to minimise decomposition and pressure build-up. Use containers made of materials compatible with hydrogen peroxide, such as plastic or stainless steel, to prevent container degradation and leakage. Ensure all storage containers are clearly labelled with appropriate hazard symbols and information to avoid accidental misuse or exposure. Install secondary containment systems, like spill trays or bunding, under storage areas to capture any leaks or spills. Develop and implement a comprehensive spill response procedure that includes immediate cleanup protocols and the use of appropriate neutralising agents. Train employees on safe handling practices and emergency procedures specific to hydrogen peroxide to ensure preparedness in case of an incident. 	ЗН



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
			- Limit access to storage areas to authorised personnel only to reduce the risk of accidental exposure and mishandling.	
			- Regularly inspect storage areas and containers esigns of corrosion, leaks, or damage and promptly address any findings to maintain safety.	
			- Maintain safety data sheets (SDS) accessed a near store belocations for quick reference in the event of an emergency.	
			- Provide and mandate the use of appropriate a risonal protective equipment (PPE), including gloves, goggles, and aprons, for standling hydroge peroxide protect against splashes and spills.	
			- Clearly communicate the store conditions and the sing guidelines within the workplace to ensure consistent compliment in safe estandards.	
			- Conduct regular air quart monitorin, an used and measure the presence of hydrogen peroxide fumes.	
			- Instant Intilation of Lems, such as fume hoods or exhaust fans, to maintain adequate airflow in work areas	
	Chemical fumes, law of ventilation	сын	- Use respire ins with appropriate filters when ventilation is insufficient to protect against inhalation of chemical function.	
			- element a roughe equipment maintenance program to ensure proper functioning of all safety and venue for systems.	
			hisplay dear warning signs indicating areas where hydrogen peroxide is used or stored.	
			- Stredule inspections during low-occupancy periods to minimise exposure risks to personnel.	
3. Inspection			- Provide training for workers on the safe handling and potential hazards of hydrogen peroxide, emphasising the importance of ventilation.	2M
			- Maintain an up-to-date Safety Data Sheet (SDS) accessible to all personnel working with hydrogen peroxide.	
			- Establish and enforce a work permit system for tasks involving hydrogen peroxide, ensuring that all control measures are in place before work begins.	
			- Ensure that inspection tasks are only conducted by trained and authorised personnel familiar with hydrogen peroxide hazards and controls.	
			- Incorporate emergency procedures specific to hydrogen peroxide exposure into the workplace's existing emergency response plan.	
			- Limit the quantity of hydrogen peroxide used during inspection activities to reduce the potential concentration of fumes.	
4. Equipment Setup	Failure of equipment, electrical hazards	4A		ЗH

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
6. Application	Skin contact, eye exposure	4A		3Н
7. Cleaning Equipment	Hazardous residues, incorrect disposal	ЗН		2М

Version 2.5

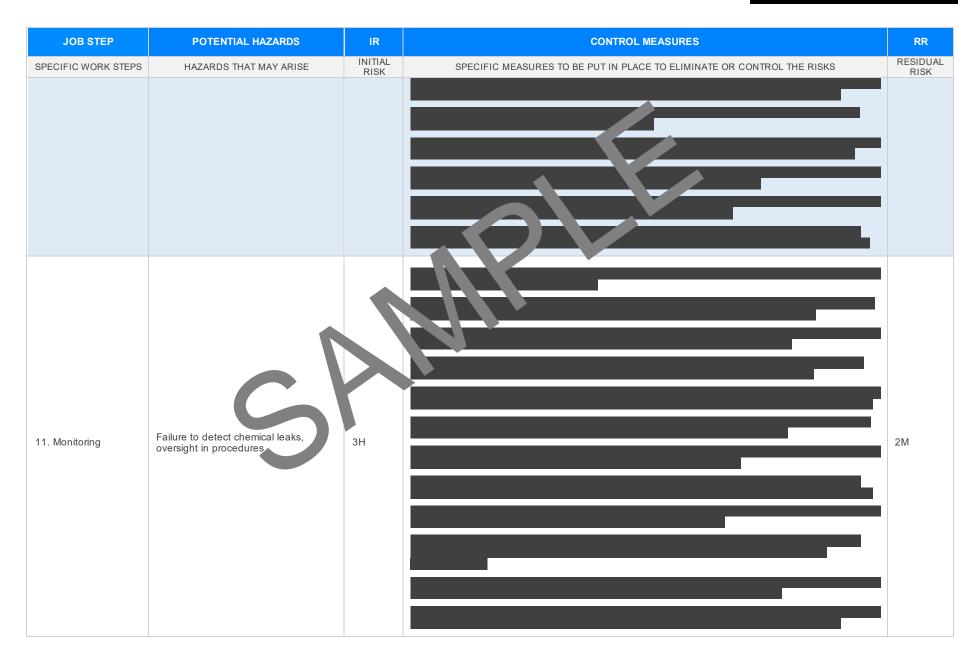


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
8. Waste Disposal	Environmental contraination, exposure to waste	4A		2M
9. Emergency Procedure	Lack of emergency response plan, delayed first aid	4A		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
10. Training	Inadequate safety training, lack of skill	ЗН		1L



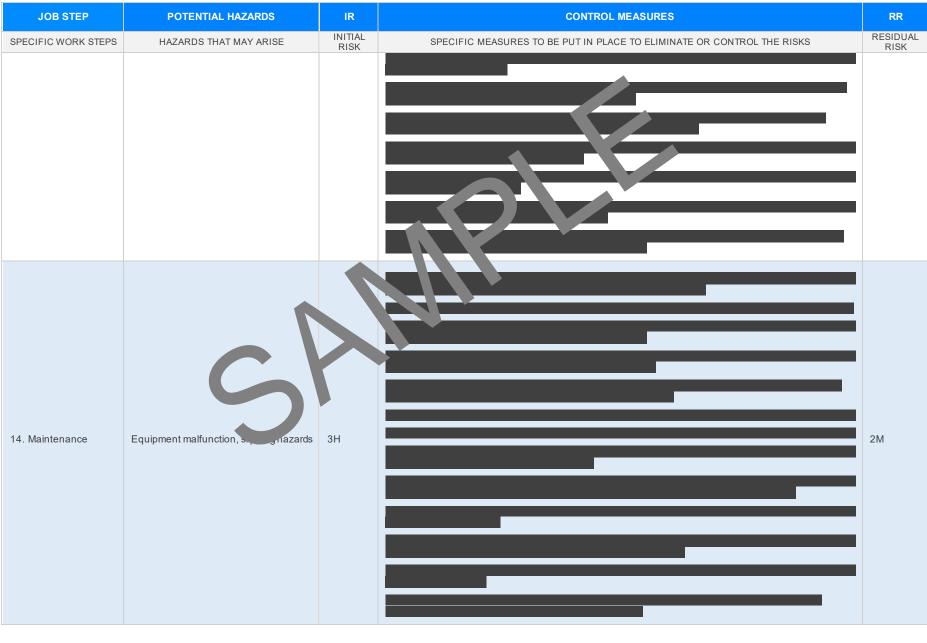




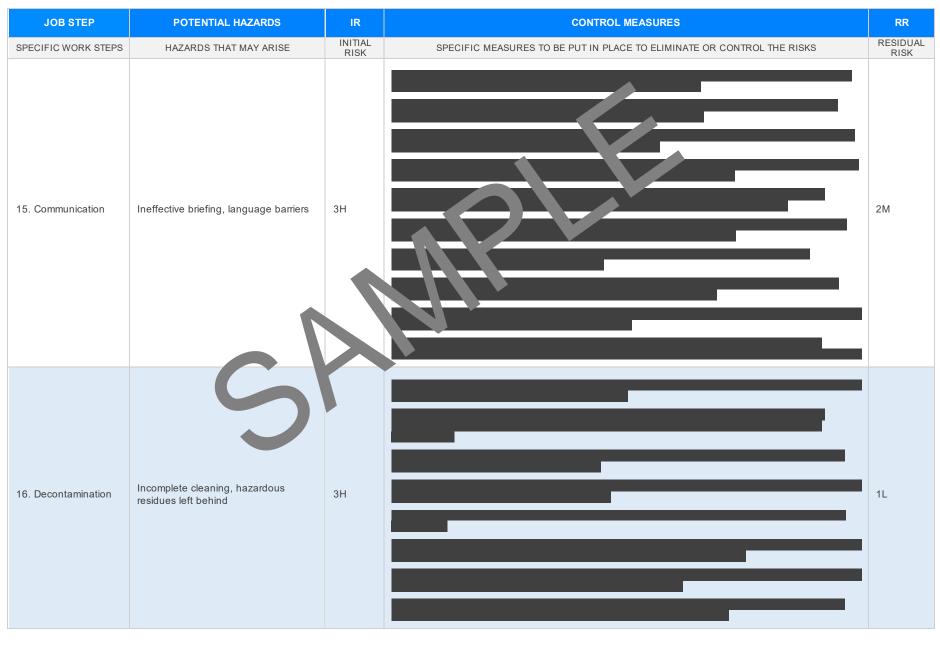
JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
12. Transport	Leaks during transit, improper handling	4A		I 3H I I
13. Signage	Misleading labels, absence of warning signs	ЗН		2M

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
				•
17. Supervision	Lack of oversight, complacency			2M
18. Record Keeping	Inaccurate records, lack of documentation	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
19. Review and Audit	Missed non-compliance issues, failure to update procedures	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
				•
20. Shutdown Procedure	Improper shutdown, residual chemical hazards	4A		2M

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 REFERENCES					
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISL	ATIVE REFERENCE IN ANY STATISTICAL 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 Och pational Health and Safety Andro004 Och ational Health and Safety Acqualitions 2017 Legis Lion VIC: <u>https://www.acrksafe.vic.gov.au/occupational-health-and-safety-act-and- gulations</u> Ides on Factice VIC <u>attps://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/legis Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legis	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 201 Work Health and Safety (National Uniform Legislation) Regulations 200 Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance.orkplates.fety-lates.compliance.orkplates.fety-lates.compliance.orkplates.fety-lates.compliance.orkplates.fety-lates.compliance.orkplates.fety-lates.compliance.orkplates.fety-lates.compliance.orkplates.fety-lates.fe	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>				
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (S. Legislation for SA: <u>https://www.safework.sa.gov.au/resources.gislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/ve_cplaces/codes-of-practice#COPs</u>	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				
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 qualifications 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 THE S ATEM AT MONITORING AND REVIEW The SWMS must be reviewed regularly to make sure it remain effect. and mu be reviewed (and The SWMS must be monitored regularly for the effectiveness of ensuring hazard controls are revised if necessary) if relevant control measures are revised. The s should be carried out in effective in reducing the risk of incidents, keeping the workplace safe for all personnel. The view consultation with workers (including contractors person responsible for monitoring the effectiveness of the Safe Work Method Statement should ntractors nay be cted by the operation of the SWMS and their health and safety representatives who rep sented that work group at the employ a multi-faceted approach which includes but is not limited to: workplace. 1. Spot Checks. When the SWMS has been revised the PCBU must ensure the all versons involved with the work are 2. Consultation with workers, contractors and sub-contractors. advised that a revision has been made and how they can acce the revised SWMS, including all persons 3. Internal audits on a continual basis who will need to change a work procedure or system as a reof the review are advised of the changes in a way that will enable them to implement their duties ntly with the revised SWMS. All workers that An approach of continuous improvement, promptly recording inconsistencies or deficiencies, will be involved in the work must be provided with the relevant information and instruction that will assist followed up by immediate corrective action and consultation with all relevant personnel ensures them to understand and implement the revised SWMS. 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.	\boxtimes	
Name, signature, position and date signed of the person approving the SWMS.		
Specific personnel and qualifications, experience is noted in the SWMS.	7	
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.		
Foreseeable hazards are identified and documented for each step.	\boxtimes	
Any hazards listed in any site risk assessments have been added to the Sλ. S.	\boxtimes	
SWMS initial risk (IR) column as well as residual risk (RR) column completed.	\boxtimes	
Check control measures added to the SWMS are the most effective sections.	\boxtimes	
Responsible person is assigned and listed on the spiral of the spiral entry of control measures.	\boxtimes	
Permit or licenses requirements specified, so in as Hot Work, Electrical Work, Work at Heights etc.	\boxtimes	
SWMS identifies plant and equipment to be	\boxtimes	
Details of inspection checks required for any equipment lister are noted on the SWMS.	\boxtimes	
Describes any mandatory qualifications, experience, ang or skills required to perform the work.	\boxtimes	
Applicable personal protective equipment is selected on the SWMS.	\square	
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 REVIE	EWED
SIGNATURE	DATE COMP	LETED