Drilling Through Stee	I SAFE WORK METHOD	STATEMENT (SWMS)	
TASI	CORACTIVITY: Drilling Through	Steel	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E ail:	
THIS SAFE WORK METHOD		THE PC. OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person condu the proposed work starts.	icting a business or under thing (Pu-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 SWI, was well as re	eviews and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS WMS	NATE 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 scheduled in account with regislative requirements to first identify any site hazards, and the to control the those hazards and then to further take steps to either eliminate or control leach hazard.			
If an incident or a near miss occurs, all work must store a diately. 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 SCORE ACTION												
ALMOST CERTAIN	3 HIGH	Elimination Remove the hazard.										
LIKELY	2 MODERATE	Substitution										
POSSIBLE	1 LOW	Replace the hazard.										
UNLIKELY	1 LOW	1 LOW	2 MODERATE		Isolate People from the hazard							
RARE	Engineering Isolate the hazard.											

		Select the an	propriate PPL	PERS	VAL TEC	TIVE EQUIPM oment used or	ENT (PPE) the iob task	being perfor	med (if applica	able).	
FOOT HAND HEAD HEARING F RUPPRATORY PROTECTION PROTECTION AS STION PLECTION PROTECTION P							HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE Required:											
	P	ermit or Lice	nses Requiren	nents		Mandatory Qualifications and Training					



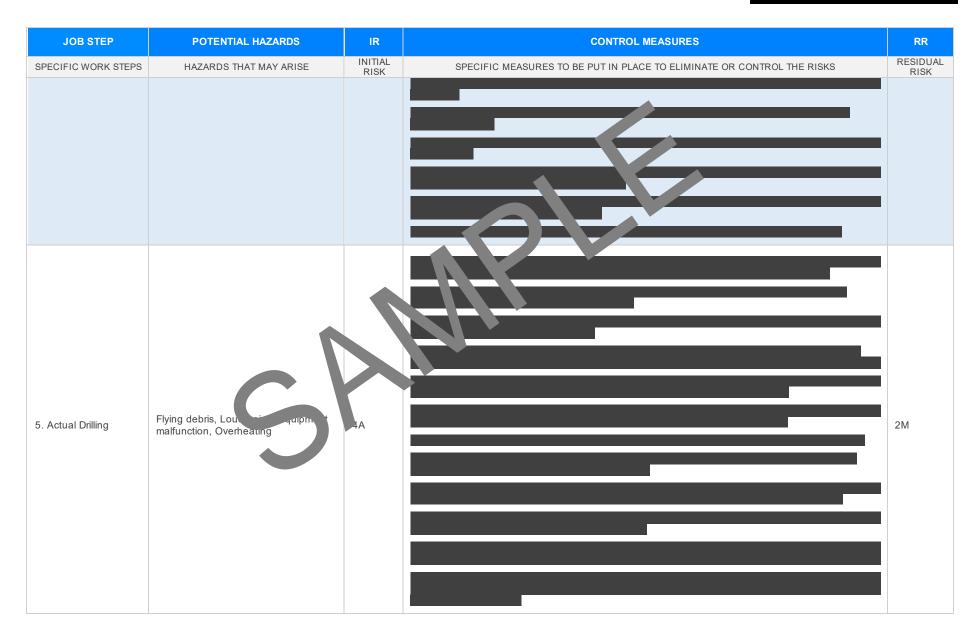
JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR			
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK			
1. Preparation	ration Incorrect setup, lack of proper personal 2M		 Adequate tool inspection: Make sure to inspect all drilling tools and equipment before beginning the task. Ensure they are in good working order an ift for purple. Correct set up: The drill and other necessal encyment should be correctly set up according to the manufacturer's guidelines. Use of Personal Protective buttipment (PPE): Where's chuld always wear appropriate PPE including safety glasses, glover and start footwear to protection potential injury. Training: All butters should receive proper training on how to safely operate and handle the drill machine and under equipment involued in the process. Safet briefine Conduct a safety brieflag before the start of every shift or task to ensure all workers are on the one pay superfluing safe practices and procedures. Use I glueds: White possible, use guards to reduce the risk of flying debris or accidental contact with moving lant. Clean turksplant: Keep the work area clean and free from clutter, spills, or any other potential hazards. Not associated to end the drilling machine. Import lighting: Provide adequate lighting in the work area to ensure visibility. Ergonomics: Encourage good posture and techniques to avoid ergonomic injuries. Tools should be designed for comfort and efficiency. Emergency preparedness: Have an emergency plan prepared and attainable at all times in case of an accident. This includes having a first aid kit readily available. Regular breaks: Allow for regular breaks to avoid overworking and fatigue, which can lead to serious mistakes or oversights. 				
2. Material Inspection	al Inspection Handling heavy objects, Unnoticed sharp edges on steel		 Always wear personal protective equipment (PPE) when working on site, including steel-toed boots, gloves, safety glasses and hard hats. Ensure tools and equipment are in good working condition before commencing work. Any defective tools to be reported to the site supervisor immediately. Train workers on how to safely handle heavy objects using proper body positioning and mechanical aids such as lifting equipment if available. Conduct regular checks to ensure that sharp edges on the steel are identified and flagged for caution. Implement a buddy system for moving heavy steel materials. Use tools and devices designed for drilling through steel to minimise strain and effort. 	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
			- Always keep the work area well-lit and clear from clutter or tripping hazards.	
			- Always use manual handling techniques in accordance with WHS regulations and guidelines when handling steel materials.	
			- Plan breaks in between drilling to alleviate sugue and prevent injuries associated with overworking.	
			- Establish emergency procedures to many enjuried accidents that may occur during the material inspection phase.	
			- Review and update these control measures in cularly to encode they continue to offer adequate protection against the risks a pociated with drillin chrour speel.	
			- Ensure the manuale use or driver is equipped with appropriate guarding to protect the operator from flying debrise of accident contact with more g parts.	
	Inappropriate machine guarding, Electrocution	3	- All or vrators could be correctly train a competent in using the drilling machine, including setting it up sa	
			- Only see illing no hines that are in good working order - regular checks and maintenance should be carried, ut a qual, of technician.	
			Electric linst ations must adhere to Australian Standard AS/NZS 3000 (electrical installations).	
			- Re the Current Devices (RCDs) should be installed on all electrical equipment to prevent electrocution.	
			Confirm grounding of all electrical machines is crucial to prevent any electrical accidents.	
Machine Setup			- pect cords, plugs, and electrical outlets regularly to ensure they are not damaged or compromised.	2M
			Follow the manufacturer's instructions for machine setup and use.	
			- Make use of appropriate personal protective equipment (PPE), which may include safety glasses, gloves, and hearing protection.	
			- Check that the drilling bit is secured firmly before commencing work.	
			- Be aware of pinch points during machine set up or whilst operating the machine.	
			- The area around the machine should be kept clean and free from trip hazards, including cables or offcuts of steel.	
			- Always lockout/tagout the drilling machine when performing maintenance or clearing jams to avoid sudden start-ups.	
4. Test Run	Noise exposure, Equipment failure	ЗH		1L

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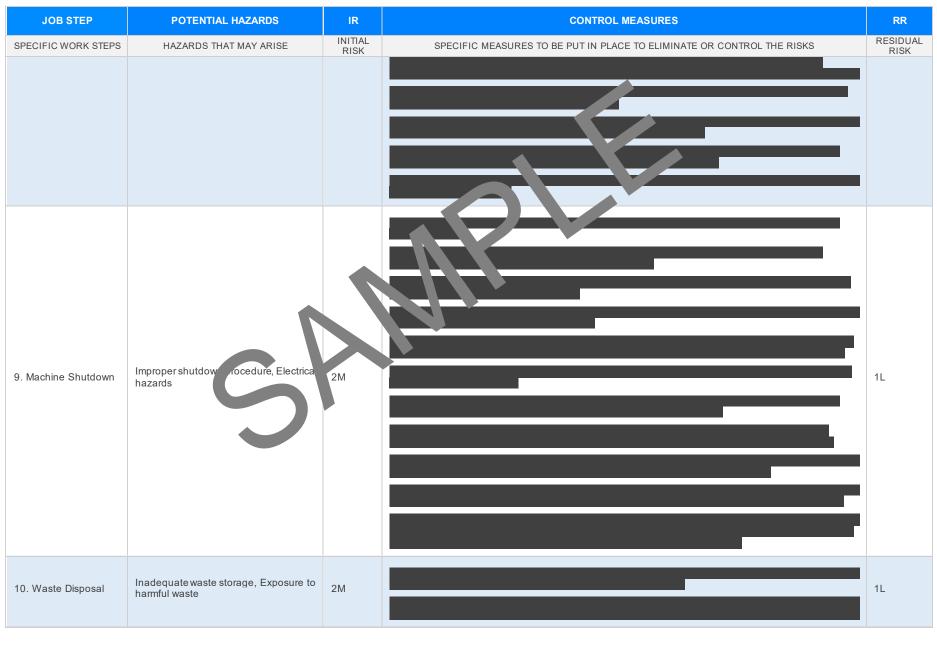
SPECIFIC WORK STEPS HAZARDS THAT MAY ARISE INITIAL RISK SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS RESIL RISK 6. Material Replacement Physical strain, Crushing hazard when positioning new material 3H Image: Control the risk of t	JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
6. Material Replacement Physical strain, Crushing hazard when positioning new material 3H 1L	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. Material				
Image: Note of the state of	7. Drill Bit Replacement	Sharp tools, Unexpected start-up	ЗН		I 1L





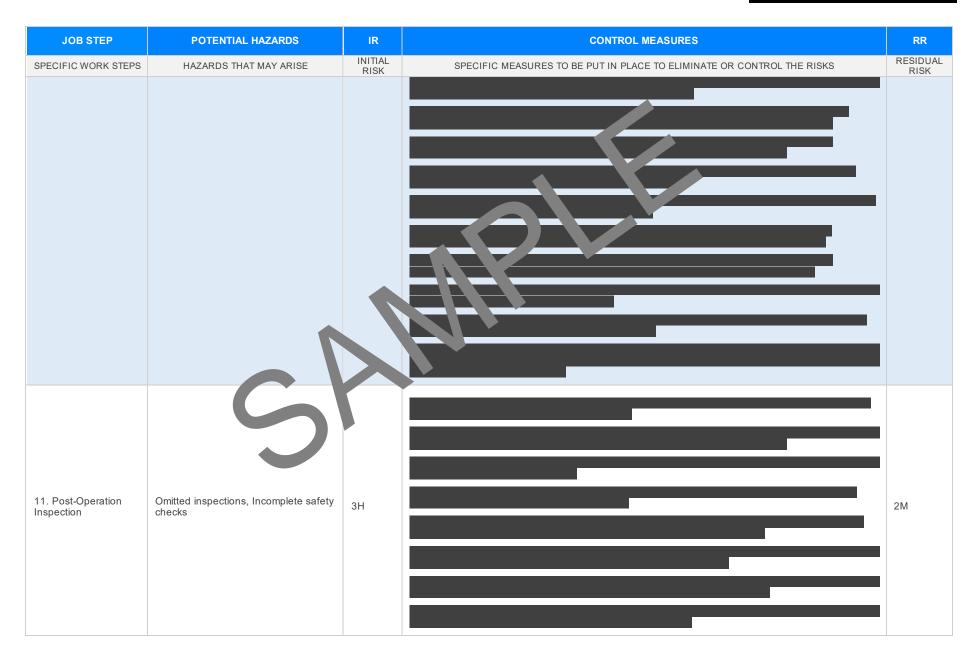
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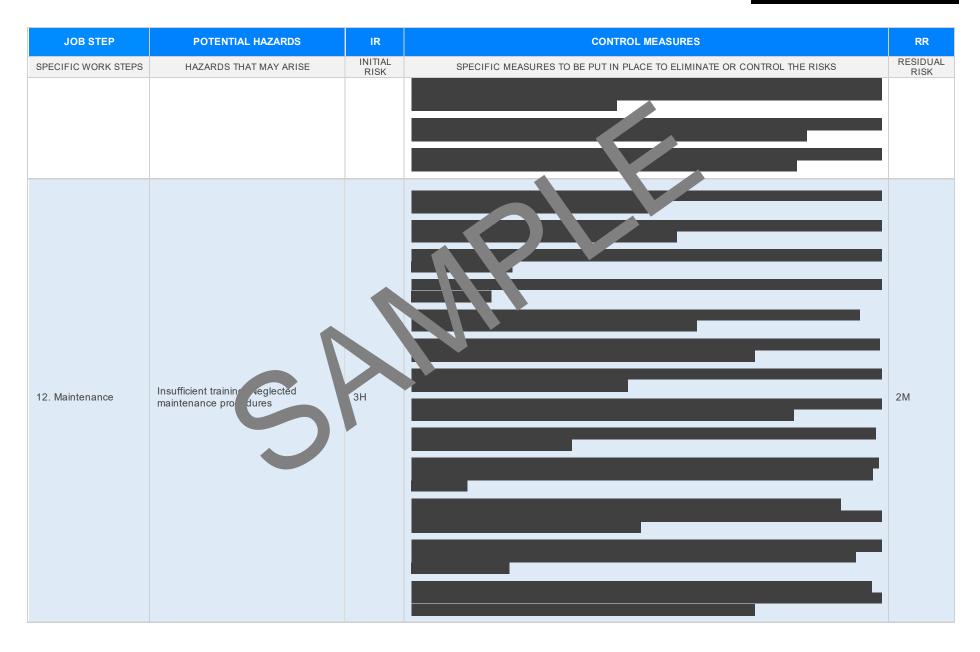


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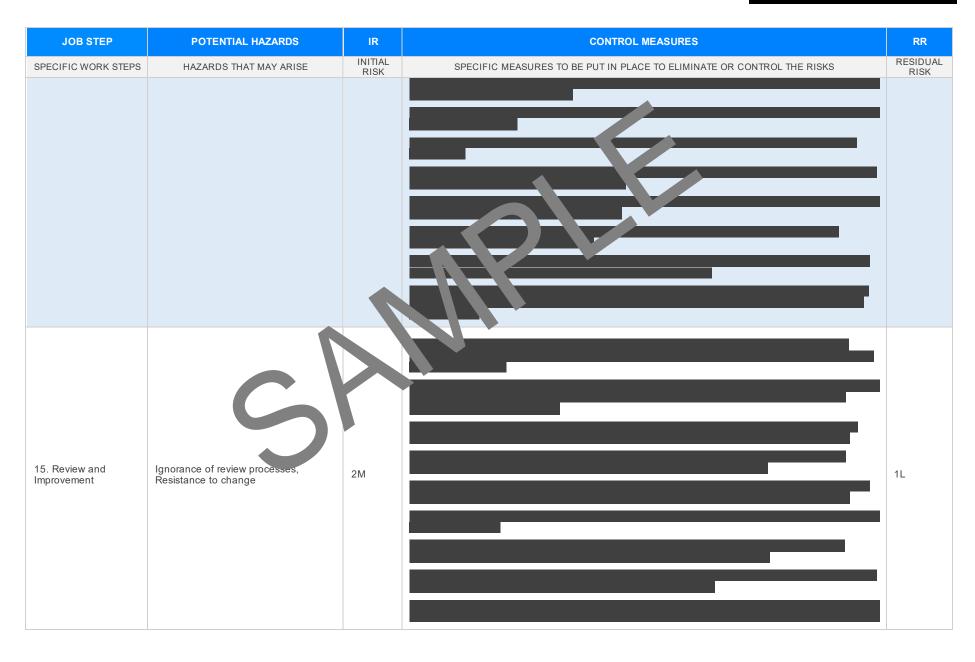
Version 2.5



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
13. Emergency Procedures	Lack of knowledge about emergency procedures, Delay in response	4A		2M
14. Reporting	Incomplete reporting, Miscommunication	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
	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	
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISL	ATIVE REFERENCE IN ANY STO THAT 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.gld.gov.au/laws-and-compliance/work-health-and-safety-laws</u> Codes of Practice QLD: <u>https://www.worksafe.gld.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 Or opational Health & 1 Safety Acc-004 Occupational Health an Safe'r regulations 2017 Legis fron VIC: <u>https://www.acrksafe.vic.gov.au/occupational-health-and-safety-act-and- gular s</u> des of fractice 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 20 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance</u> , <u>orkplate</u> , <u>fety-la</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance</u> , <u>orkplate</u> , <u>fety-la</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance</u> , <u>orkplate</u> , <u>fety-la</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- codes-of-practice</u>
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (Sec. Legislation for SA: https://www.safework.sa.gov.au/wexplaces/codes-of-practice#COPs Tasmania Work Health and Safety Act 2012 Work Health and Safety Regulations 2012 Work Health and Safety Regulations 2012 Work Health and Safety (Transitional and Consequential Provisions) Act 2012 Work Health and Safety (Transitional) Regulations 2012	 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 Managing the risk of falls at workplaces Hazardous manual tasks Managing the risk of falls in housing construction Managing electrical risks in the workplace
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 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.	 Demolition work Excavation work 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 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.		
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.		
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 placental of control measures.	\square	
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.	\square	
Describes any mandatory qualifications, experience, ang 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 REVI	EWED
SIGNATURE	DATE COMP	LETED