Working Near Radiation Se	ource   SAFE WORK METH	HOD STATEMENT (SWMS)	
TASK OR	ACTIVITY: Working Near Radiat	ion Source	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E ail:	
THIS SAFE WORK METHOD	STATEMENT IS APPRO	THE PC. OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conductive proposed work starts.	icting a business or under thing (Publi) is	required to en that a safe work method s	statement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring $\eta_{i}$	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 HAVE THE FOLLOWING COMMUNICATED	NAME 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 schedued in accounce with regislative requirements to first identify any site hazards, and the to contract the those hazards and then to further take steps to either eliminate or contract leach hazard.			
If an incident or a near miss occurs, all work must store updately. 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			HEIRARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE			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       LOW       LOW       MODERATE       HIGH       HIGH       LOW       Kencord       Isolate the hazard.         otes on Hierarchy of Controls:       Elimination methods are the most effective and preferrance en column g a hazard. Substitution the second most effective method of controlling a hazard. Engineering by isolation is the number of environment of the second most effective method.       PPE (Personal Prote view number of view number of is the least effective       Administrative         Outrols by changing the work is the fourth most effective method.       PPE (Personal Prote view number of view number of is the least effective       DPE									

		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 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				

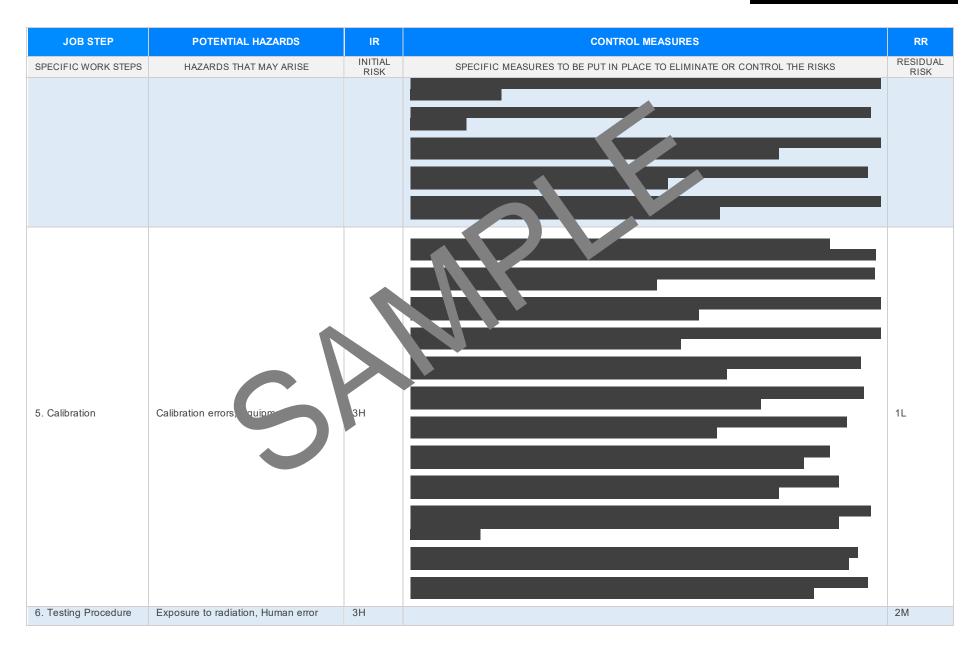


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Radiation exposure, Trips and falls	ЗН	<ul> <li>Ensure all workers are trained in radiation usely and understand the risks associated with working near radiation sources.</li> <li>Conduct a site-specific risk assessment to identify otential exposure points and implement appropriate control measures.</li> <li>Use appropriate shielding mearials, such as lear parrier, to limit radiation exposure in work areas.</li> <li>Establish exclusion are around radiation source to prevent unauthorized access and minimize exposure risks.</li> <li>Use person protective quipments PPromobility and approximation and dosimeters, for workers in close proximate to radiation levels using calibrated radiation detection equipment to ensure they remain within the ratio.</li> <li>Establish ckussignas and barriers to mark hazard areas and inform workers of necessary precautions.</li> <li>Invelop and in element a communication plan for effectively conveying safety information related to radiation in azards.</li> <li>Schedburwork during times when radiation sources can be shut down or minimized to reduce exposure rise.</li> <li>Install non-slip flooring and ensure adequate lighting in the workspace to prevent trips and falls.</li> <li>Maintain a tidy work area by removing unnecessary objects and securing cables to eliminate trip hazards.</li> </ul>	2М
2. Equipment Set-up	Incorrect equipment placement, Electrical hazards	ЗН	<ul> <li>Conduct a pre-operation equipment checklist to ensure all safety features are functional and in compliance with relevant safety standards.</li> <li>Designate and mark a specific area for equipment set-up to ensure correct placement, reducing risks from misplaced or misaligned equipment.</li> <li>Use appropriate signage and barriers to prevent unauthorised access to the equipment area during set-up.</li> <li>Ensure only qualified personnel perform equipment set-up, with adequate training on handling radiative sources.</li> <li>Use insulated tools and protective gear to minimise electrical hazards during connection and calibration processes.</li> <li>Confirm that all power sources are suitable for the equipment's voltage and amperage requirements to prevent overloads or short circuits.</li> <li>Implement lockout/tagout procedures before setting up or servicing machinery to ensure it remains de-energised when necessary.</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
			<ul> <li>Verify that grounding systems are correctly installed and operational to provide protection against electrical shocks.</li> </ul>	
			- Regularly inspect cables and connections for we could tear, replacing any damaged components before proceeding with operations.	
			- Maintain a safe distance from active radia on sources on ling set-up, using remote handling techniques as required to reduce exposure.	
			- Ensure all staff involved in the task are trained, adiation wety and understand the risks associated with radiation exposure.	
			- Use approved a seam sted h station monitoring sevices to regularly check radiation levels.	
			- Implement otation sch ule for orkers minimise their time spent near the radiation source.	
			- Set clear nage barriers to untain safe distance boundaries around the radiation source.	
			- Con the egulated antenance checks on radiation sources and monitoring tools to ensure they function property	
3. Radiation Monitoring	Over-exposure to radiation, Defective monitoring tools	4A	<ul> <li>Develop an emplement emergency procedures for scenarios involving over-exposure or defective quipment.</li> </ul>	2M
			- S. al. adjustion sources in accordance with regulatory requirements when not in use.	
			Utilise puonal dosimeters for all personnel working near the radiation source to monitor individual osure.	
			- Keep detailed records of radiation levels, equipment checks, and worker exposure times.	
			- Limit access to areas near the radiation source to authorised personnel only.	
			- Provide personal protective equipment (PPE) such as lead aprons or shields when necessary.	
			- Regularly review and update training programmes and safety protocols based on the latest safety standards and research.	
4. Initial Measurements	Inaccurate readings, Faulty equipment	3H		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
7. Data Recording	Misinterpretation of data, Human error	2M		1L

Version 2.5

Date of Issue:

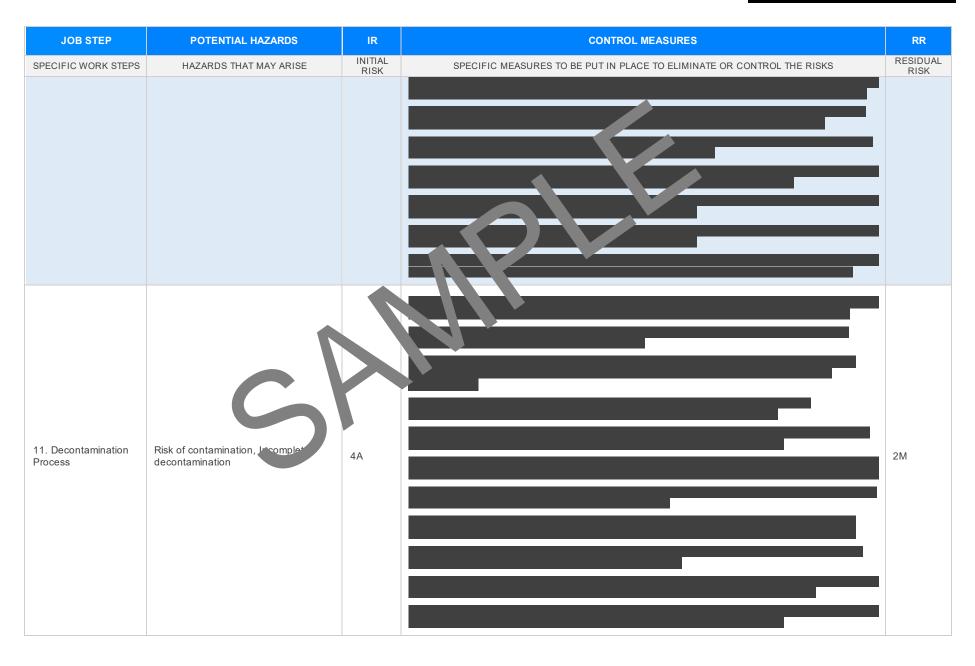






JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
9. Retesting After Adjustment	Increased radiation exposure, Calibration errors	44		2М
10. Final Measurements	Inadequate shielding, Over-exposure to radiation	4A		2М





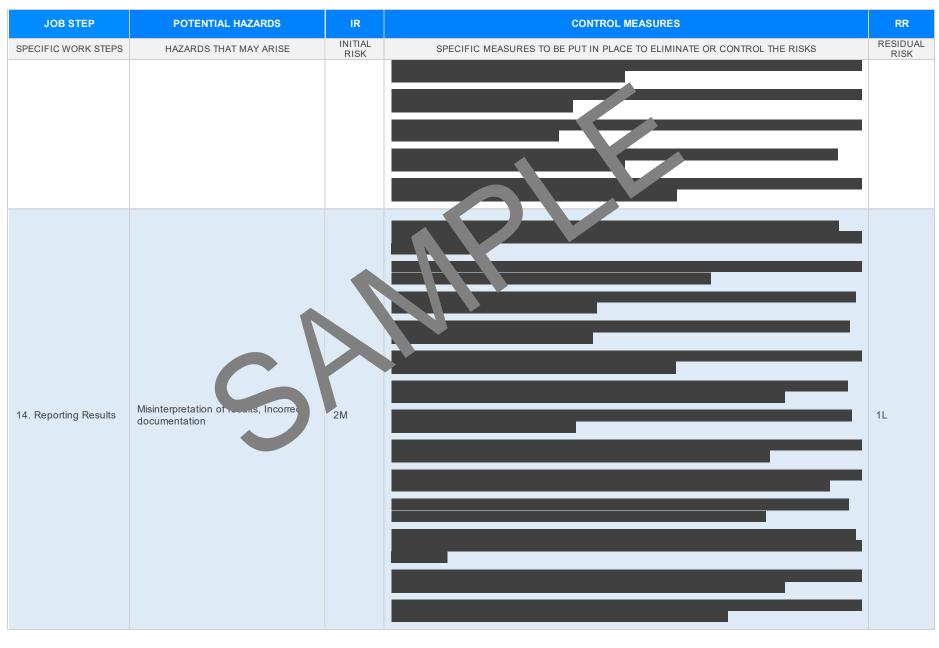


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
				-
12 Wests Dispess	Incorrect disposal, Exposure to hazardous material	44		2M
12. Waste Disposal	hazardous material	4A		2101
				•
	G			
				•
13. Shutdown Procedure	Residual radiation, Mechanical hazards	3H		2M

Version 2.5

Date of Issue:





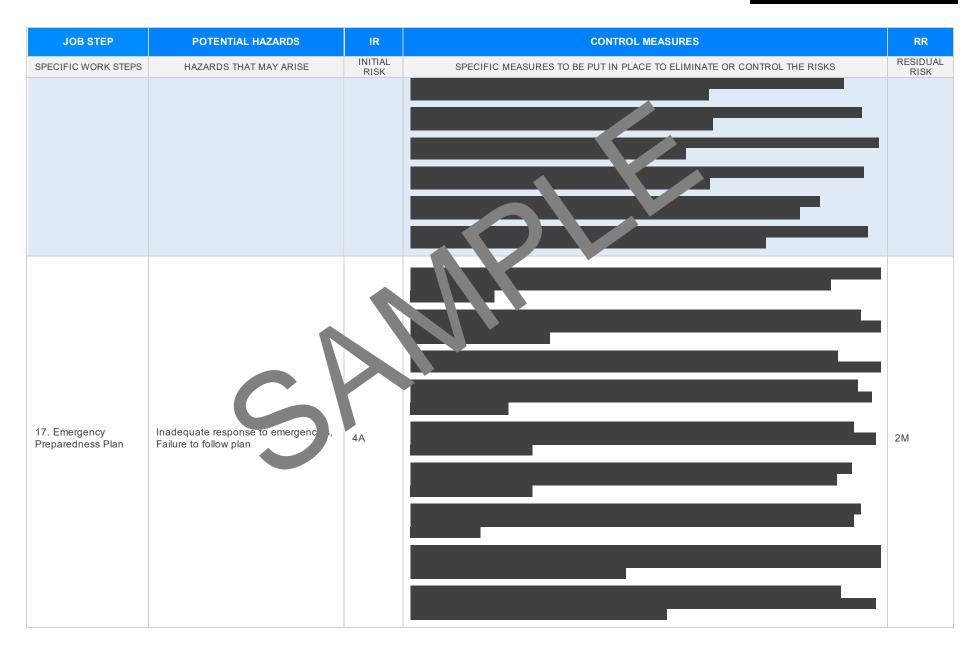
Version 2.5

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
15. Follow up Actions	Failure to detect ongoing issues, Non- compliance with procedures	ЗН		2M
16. Maintenance Procedures	Equipment malfunction, Exposure during repairs	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
18. Training	Inadequate skills, Lack of knowledge	ЗН		2M
19. Regular Safety Audit	Non-compliance issues, Unidentified hazards	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
	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 LEGISLATIVE REFERENCE IN ANY STAR 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.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 Occupational Health & 1 Safety Acc-004 Occupational Health an Safety Acc-004 Legis from VIC: <u>https://www.acrksafe.vic.gov.au/occupational-health-and-safety-act-and- gular s</u> des or 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: <a href="https://www.safework.nsw.gov.au/legal-obligations/legis">https://www.safework.nsw.gov.au/legal-obligations/legis</a> Codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/legal-obligations/legis">https://www.safework.nsw.gov.au/legal-obligations/legis</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>			
Northern Territory Work Health and Safety (National Uniform Legislation) Act 201 Work Health and Safety (National Uniform Legislation) Regulations 26 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance.prkplaterefety-la</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-reso</u> neered estimated on the second se	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			
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/resources.gislation</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 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 REVIEWED		
SIGNATURE	DATE COMPLETED		