Use Of Gas Detection De	vices SAFE WORK METH	OD STATEMENT (SWMS)	
TASK OR	ACTIVITY: Use Of Gas Detection	n Devices	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E all:	
THIS SAFE WORK METHOD	STATEMENT IS APPRO	THE PC. OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	sting a business or under the (Pour I) 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 a	voliance 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 PARTICIPATING IN ANY ACTIVITY ANY ACTIVITY ATIN' ATTIVITY ANY ATTIVITY ATTIVATING ATTIVITY ATTIVITY	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 ad in account with gislative requirements to first identify any site hazards, so to come hica those hazards and then to further take steps to either eliminate or contract hazard.			
If an incident or a near miss occurs, all work must stop an adately. 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.	
LOW LOW MODERATE HIGH HIGH LOW k & records Isolate the flazati. Iotes on Hierarchy of Controls: Elimination methods are the most effective and preferrence on on the value of a hazard. Substitution is the second most effective method of controlling a hazard. Engineering by isolation is the virtue ost endiverse while Administrative controls by changing the work is the fourth most effective method. PPE (Personal Protective Equipment), the least effective PPE PPE										

	PERS_NAL TECTIVE EQUIPMENT (PPE) Select the appropriate PPL about suitable or the equipment used or the job task being performed (if applicable).										
		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					

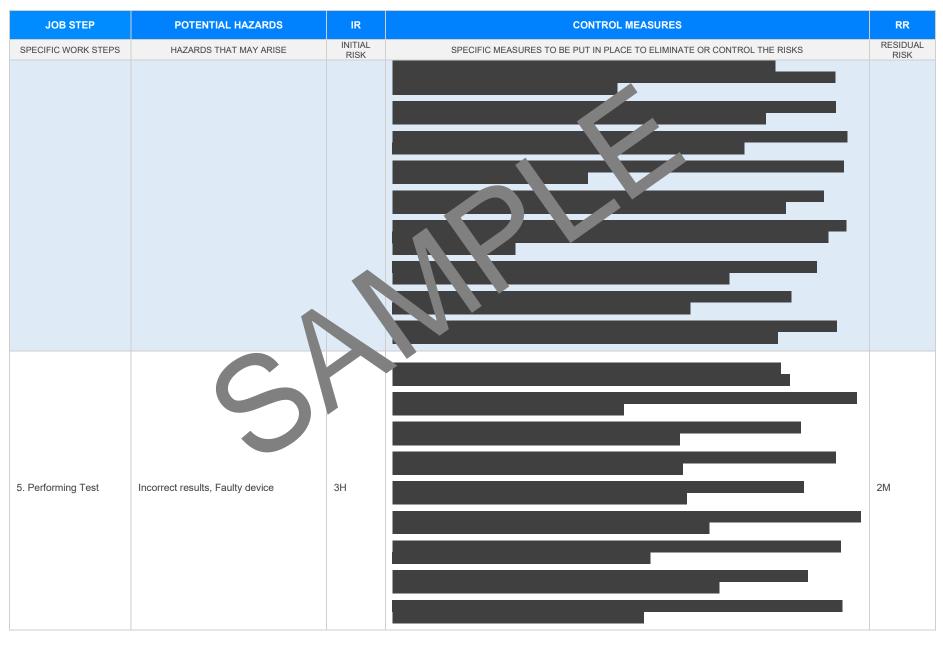


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Incorrect setup, Lack of training	ЗН	 Conduct a thorough review of the manufacturer's instructions and guidelines for correct setup procedures. Schedule comprehensive training sessions to all apployees expected to operate gas detection devices. Ensure that only trained an outhorised personance are allown to set up and use the gas detection devices. Develop and implementation the proper security of gas detection devices, including calibration. Use visual contributions to a proper security of gas detection devices, including calibration. Use visual contributions to a proper security of gas detection devices, including calibration. Use visual contributions to a proper security of gas detection devices, including calibration. Use visual contributions to a proper security of gas detection devices, including calibration. Use visual contributions to a proper security of gas detection devices, including calibration. Use visual contributions to a proper security of gas detection devices, including calibration. Use visual contributions to a proper security of gas detection devices, including calibration. Section regulation and the proper security of gas detection devices, including calibration devices and identify potential areas for improvement. Estat subuddy ustern where experienced staff members mentor newer employees on device setup. Maintain an on-to-day log for each device including calibration dates, maintenance performed, and operation detail. Encrete mandovory refresher training program annually to ensure ongoing competency and aware. So workers. Allocate time before the commencement of any task involving gas detectors for compulsory safety meetings to discuss setup protocols. 	2М
2. Testing Device	Faulty equipment, Exposure to harmful gases	ЗН	 Ensure all gas detection devices are regularly maintained and calibrated according to manufacturer's guidelines to prevent malfunction or inaccuracy. Conduct pre-use inspections of the gas detection device to ensure it is operational and free from any visible damage. Provide training for employees on the correct use and limitations of gas detection devices to promote proper handling and usage. Implement a procedure for the immediate reporting and replacement of faulty or malfunctioning gas detection equipment. Use devices with self-check features that alert users when calibration or maintenance is due to ensure the device is functioning correctly. Verify that workers understand the importance of following the operating instructions specific to each type of gas detection devices in a safe, clean, and dry environment to avoid exposure to conditions that may impair their function. 	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
			- Regularly review and update safety protocols and procedures to include new information or technology related to gas detection.	
			- Inspect batteries before each use to confirm they be charged and capable of providing adequate power throughout the operation.	
			- Establish emergency procedures for situal ans where are a detection alarm is triggered, including evacuation routes and contact numbers for exception envices.	
			- Limit exposure time in hazardous areas by constating timed checks and monitoring, ensuring that workers return to a safe area comptly after gas to ring.	
			- Ensure only training and a thoris of personnel perform the calibration of gas detection devices to minimise user or or.	
			- Conduct region equipment inspection in a contribution and signs of wear or damage before calibration begin	
			- Utilize a copriate ersonal protective equipment (PPE), such as gloves and safety glasses, to protect against iccountal exposure during calibration.	
			- Ensure that the area is well-ventilated to prevent accumulation of gases during calibration activities.	
			- tablis clear mmunication channels among team members to enhance situational awareness during the currer on process.	
			Ise intrinsically safe equipment to reduce the risk of electrical hazards in potentially explosive en ronments.	
3. Calibrating Device	Electrical hazards, Organization of the second seco		Implement a lockout/tagout system to ensure all power sources are properly secured before starting the calibration.	2M
	5		- Keep calibration areas free from clutter to prevent tripping hazards and ensure easy access to emergency exits and equipment.	
			- Verify all equipment used for calibration is in good working order and has been tested recently to comply with safety standards.	
			- Maintain up-to-date calibration records and ensure documentation is readily available for auditing and verification purposes.	
			- Schedule regular training sessions for workers to keep them informed about the latest safety protocols and gas detection technologies.	
			- Develop an emergency response plan for incidents involving overexposure or electrical hazards, ensuring staff are trained uniformly on these procedures.	
			- Use portable gas monitors to continually assess air quality during calibration and evacuate if gas levels exceed safe limits.	
	Explosive environment, Exposure to			
4. Gas Detection	harmful gases	4A		3H





Version 2.5

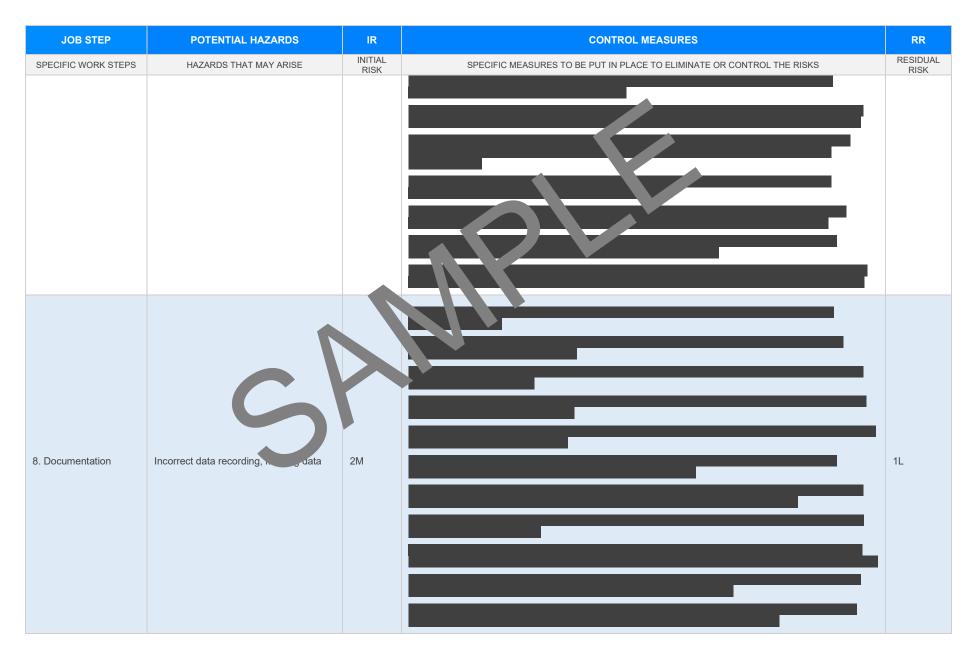
Date of Issue:



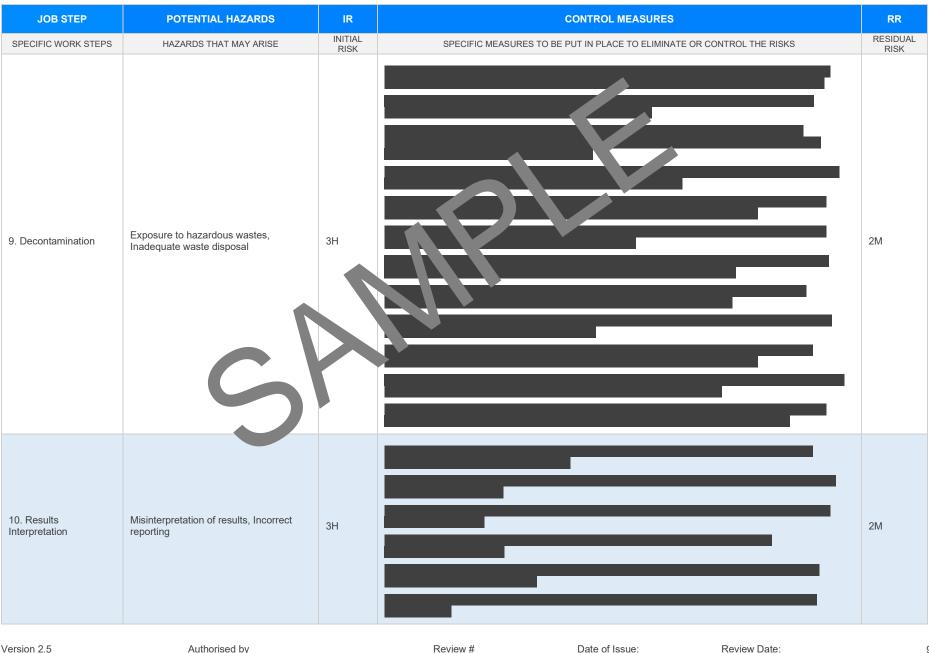
JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
6. Gas Identification	Exposure to unknown substance, Lack of proper protection	4A		ЗН
7. Sample Collection	Inadequate sample quantity, Contaminated samples	ЗН		2M

Version 2.5

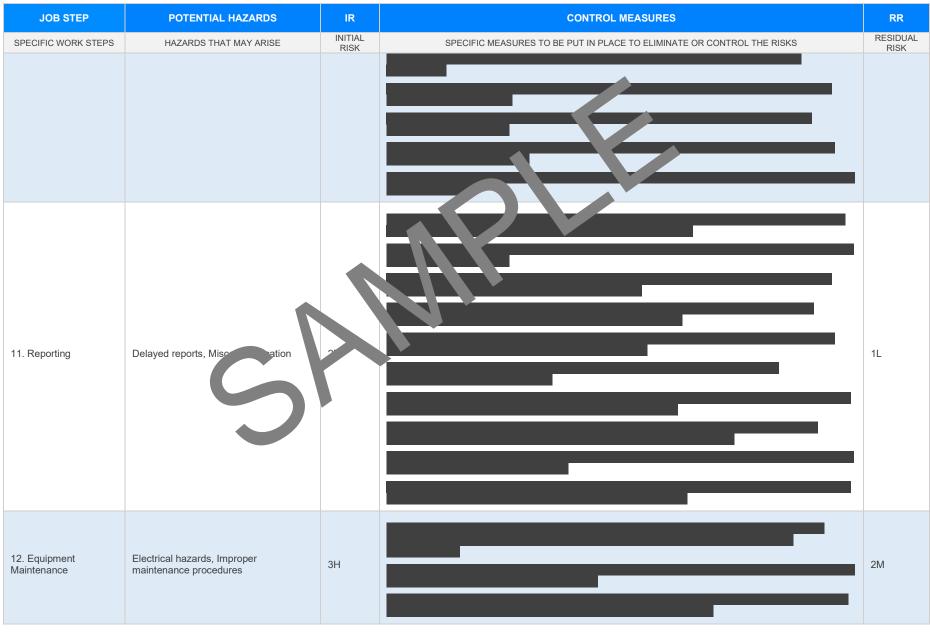






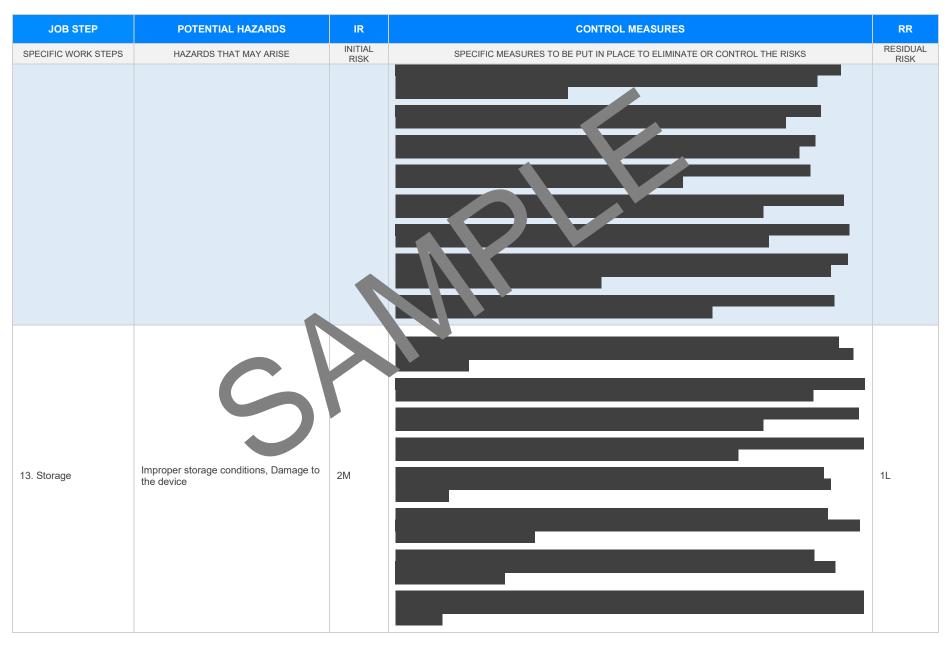






Date of Issue:







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. Waste Disposal	Exposure to hazardous waste, Inadequate waste disposal	ЗН		2M
15. Emergency procedures	Inadequate emergency response, Lack of trained personnel	4A		3Н

Date of Issue:

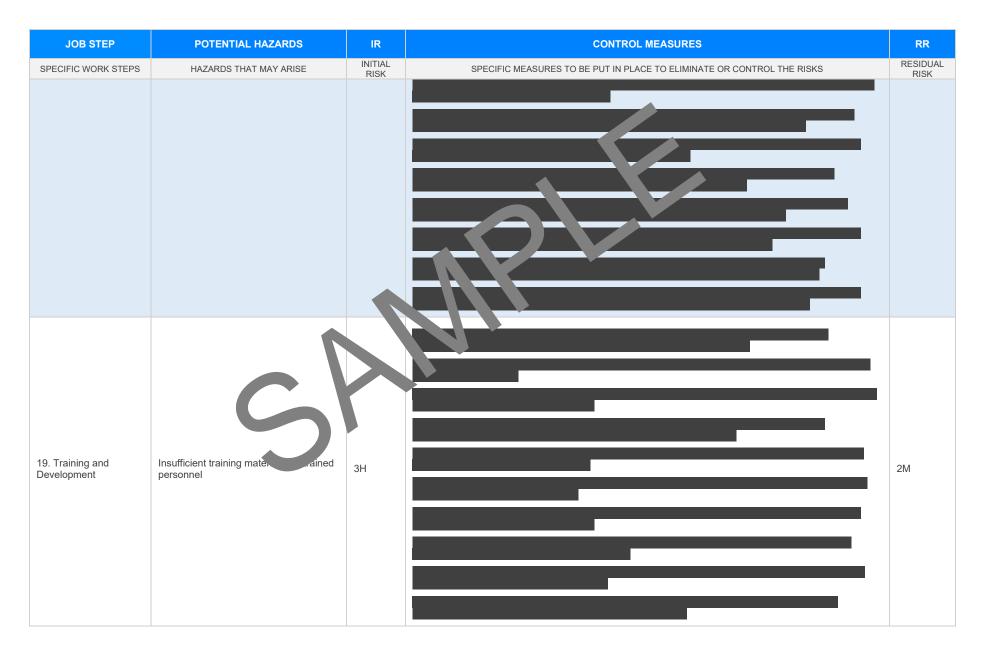


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
16. Follow-up actions	Lack of follow-up, Irregular momoring	2M		1L



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
17. Ongoing monitoring	Irregular testing, Failure in early detection	ЗН		2М
18. Corrective actions	Delay in corrective actions, Insufficient resource allocation	2M		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. Precautions & Procedures Review	Outdated procedures, Lack of regular review	2M		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 RE	FERENCES						
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE 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: https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws Codes of Practice QLD: https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice Legislation ACT: https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice	Victoria Occupational Health an Safety Acta 04 Occupational Health and Infetring gulations 2017 Legismon VIC: <u>https://www.enerksafe.vic.gov.au/occupational-health-and-safety-act-and- ingulations</u> Indes of mactice VICouttps://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice						
New South Wales Work Health and Safety Act 2011 Work Health and Safety Regulations 2017 Legislation NSW: <a acts-and-regulations"="" href="https://www.safework.nsw.gov.au/legal-obligations/legislati-codes-of-ract.cod</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/wc_place-sector-laws</u>
Codes of Practice NT: <u>https://worksafe.nt.gov.au/f</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/wor</u> <u>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 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 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	