

Air Drill   SAF	E WORK METHOD STATE	MENT (SWMS)	
	TASK OR ACTIVITY: Air Drill		
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E gil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PL OF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or undertaking (r 3U) is	required to the safe work method s	statement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring and c	compliance of the SWMS, well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS WMS. ST HAVE THE FOLLOWING COMMUNICATED	N. 1E AND DATED SIGNATURE OF A	LL RELEVANT PERSONNEL WHO HAVE B OPMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND
Safety meetings or toolbox talks will be sched ed in accordance with egislative requirements to first identify any site hazards, conduct or unical those hazards and then to further take steps to either conduct or conduct a hazard.	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must study unately. 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:					Provide a detailed description of the specific work being carried out (otherwis						
Project Address:				ŀ	known as cope of works).						
Project Manager	:										
Contact Phone:											
Project Manager	Signature:										
Date SWMS sup	plied to Project Manag	er:									
		ANY HIG	H-RISK CON TUCT		ARRIED OUT						
involves a risk of	a person falling more than	2 meters.		is carried out on of	near pressurised gas main	s or piping.					
is carried out on	a telecommunication tower			is carried out on o	☐ is carried out on or near chemical, fuel or refrigerant lines.						
involves demoliti	on of an element of a struct	ure that is load-be		is carried out on or	is carried out on or near energised electrical installations or services.						
involves demoliti	on of an element related to	the physical integrit of a st	ir e,	☐ is carried out in an area that may have a contaminated or flammable atmosphere.							
involves, or is like	ely to involve, disturbing a	estos.		involves tilt-up or precast concrete.							
involves structura	al alteration or repair that re	mporan upp to	prevent collapse.	is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor.							
☐ is carried out in c	or near a confined space.			is carried out in an area of a workplace where there is any movement of powered mobile plant.							
☐ is carried out in/r	near a shaft or trench deepe	er than 1.5m or tunnel involv	ving use of explosives.	is carried out in areas with artificial extremes of temperature.							
☐ is carried out in c	or near water or other liquid	that involves a risk of drown	ning.	involves diving wo	rk.						
		ANY	HIGH-RISK MACHINE	RY OR EQUIPMENT	NEARBY						
Forklift	Crane/s	☐ Hoist/s	Excavator	Backhoe/Loader	Boom Lift	EWP	Genie Lift				
Trencher	Drilling Rig	Trucks		Bobcat	E Flammable Gas	Fuel	Dozer				
High Voltage	Mulcher	Tilt-up Panels	Roller	Scissor Lift	Tractor	Other -					







JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR	RESPONSIBLE PERSON
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK	NAME OF PERSON
1. Preparation	Electrical hazards, Trip and fall hazards	2М	<ul> <li>Conduct a thorough risk assessment of the work area to identify potential hazards and implement appropriate control measures before immencing any task.</li> <li>Ensure that all workers involved in the use of an drills have received adequate training, are familiar with the equipment, and inderstand the associated risks and control measures.</li> <li>Inspect and test all electrical equipment, cord in the order connections prior to use to ensure they are in good working condition and function defect.</li> <li>Make use of appropriate persional protective equipment is the risk of injury from electrical hazardromaling works, other potential thazards.</li> <li>Clear the work area of an innecessity equipment, debris, or other trip hazards before beginnent the tast.</li> <li>Usen gravisibility and ing (e.g., tape, cones) to designate hazardous areas or zones in the air drin is taking place, alerting workers and pedestrians to the potentiarity is.</li> <li>Keep electrical tords and hoses used for the air drill neatly organised and secured two initial with the ground.</li> <li>Implement a lockout/tagout system for the air drill when it is not in use or during noncena to prevent accidental start-up or electrical shock incidents.</li> <li>Check for any overhead or underground utilities (e.g., power lines, gas pipes) before drilling to prevent accidental contact and related incidents.</li> <li>Set up proper lighting around the work area to avoid shadows and ensure that all workers can see clearly while using the air drill and communicate this plan to all workers involved.</li> <li>Assign a designated person to monitor the work area and ensure compliance with established safety regulations and procedures throughout the project.</li> <li>Regularly review and update the Safe Work Method Statement (SWMS) for air drilling karding actions.</li> </ul>	1L	
2. Equipment setup	Manual handling injuries, Noise exposure	ЗH	<ul> <li>Conduct a pre-start safety briefing for all workers involved in equipment setup, discussing the identified hazards and control measures.</li> <li>Provide workers with proper training on safe manual handling techniques to avoid musculoskeletal injuries during equipment transportation and setting up.</li> <li>Use mechanical aids such as trolleys or lifting equipment, where possible, to reduce the need for manual handling of heavy equipment components.</li> </ul>	1L	



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			- Implement a safe work method statement that incorporates correct lifting techniques, body postures, and proper equipment handling procedures.		
			- Apply safe ergonomic principles in the workplace yout and design to minimise manual handling risks and facilitate efficient moviment during equipment setup.		
			- Ensure the air drill and all related components are well emintained and inspected regularly to ensure optimal performance, reacting the tak of noise-related issues.		
			<ul> <li>Encourage workers to take sufficient breaks a protate tasks, where possible, to allow recovery time for musc and reduce the number strain trainer mess associated with repetitive manual handling activities.</li> <li>Institute a clear requirement of the protocol among team members, including verbal</li> </ul>		
			signals and have gestures a cook nating lifting and rigging operations. - Provide and condate the use of approvide personal protective equipment (PPE), such a cloves, fety to wear, and he and protection devices, to mitigate risks associate with research and ling and noise exposure.		
			- Computing the emergency protocols and first aid procedures to workers, ensuring the avaitability and accursibility of first aid kits and trained personnel on site.		
			Set up clust, zones around the work area, using signage and barricades, to rest t ac ass to mauthorised individuals and minimise the risk of potential injuries.		
			Estable engoing monitoring processes to continually assess and adjust manual adding practices, updating risk assessments, and addressing any emerging issues as preded.		
	S		Continuously monitor noise levels at the worksite, implementing engineering controls like sound barriers or acoustic enclosures if necessary to protect workers from excessive noise exposure.		
			<ul> <li>Promote a culture of safety awareness and encourage employees to report any hazards, injuries or concerns related to equipment setup and use, fostering an open dialogue for ongoing risk identification and management.</li> </ul>		
			<ul> <li>Personal Protective Equipment (PPE): Ensure all workers wear appropriate PPE, including safety glasses or face shields, gloves, and hearing protection while operating the air drill to protect against flying debris and potential pinch points.</li> </ul>		
3. Drilling operation	Flying debris, Hand and finger pinch	4A	<ul> <li>Tool Inspection: Regularly inspect the air drill for any signs of damage or wear that may result in flying debris or pinch points. Repair or replace damaged tools as necessary.</li> </ul>	2M	
points	points		<ul> <li>Secure Work Area: Ensure the workspace is free from loose objects, clutter, or unnecessary equipment that could contribute to flying debris, trip hazards, or other dangers during drilling operation.</li> </ul>		
			<ul> <li>Proper Drill Bit Selection: Choose the correct size and type of drill bit for the specific material being drilled, which can reduce the risk of flying debris and improve overall job efficiency.</li> </ul>		



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			- Drill Guards: Where possible, use appropriate drill guards to help contain any debris and prevent it from becoming airborne during drilling operations.		
			- Drill Press use: When applicable, utilise a drill provide increased stability and control during drilling operations, reducing the chance of hand or finger injuries.		
			- Operator Training: Ensure all workers using the air drill properly trained on its safe operation, including appropriate techniq properly for be using and positioning the tool to avoid pinch points and flying debris risks.		
			- Communication: Develop of a communication procols between workers to coordinate drilling activities an every others to pote. All behands and changes in work conditions.		
			- Two-Hand O tration: En trage use of burnands when operating an air drill, promoting burn control ar educing e liter good of pinching fingers or hands.		
			- Work ace Expropring Arrange work sations and support materials in a way that promise pomfore used efficient body mechanics, helping to minimise injury risk to han the Ufingen Puring drilling.		
			- Emergency repared as: Develop and maintain emergency response procedures in case of injunction accudents related to drilling operations, including access to first a rend redicate ources.		
			Period eviews: Regularly review and update the Safe Work Method Statement WMS) are drilling to ensure ongoing safety and hazard awareness, as well as in provide new best practices or technologies that may further mitigate risks.		
	C				
4. Material Handling	Dust exposure, Lifting injuries	2M		1L	



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5. Tool Changes	Machinery entanglement, Eye injuries	ЗН		1L	



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6. Equipment inspection	Unexpected energization, Pinch points	2M		1L	



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7. Housekeeping	Falling objects, Overflowing waste	ЗН		1L	

Version 2.5



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8. Machine lubrication	Slippery surfaces, Chemical spills	2М		1L	

Version 2.5



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9. Drill bit sharpening	Hand cuts, Sharps disposal	2M		1L	



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10. Compressor maintenance	Pressure release, Electrical hazards	зн		1L	



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11. Troubleshooting	Contact with moving parts, Strain injuries	2М		1L	



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12. Breakdown & Storage	Manual handling injuries, Tripping hazards	2M		1L	

Version 2.5

Date of Issue:



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#### 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 F	REFERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEG	GISLATIVE 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 Octopational Health and Safety Action 04 Octopational Health and pafety regulations 2017 Legisloon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulated solutional-health-and-safety-act-and- gulated solutional-health-act-act-act-act-act-act-act-act-act-act</u>
New South Wales Work Health and Safety Act 2011 Work Health and Safety Regulations 2017 Legislation NSW: <u>https://www.safework.nsw.gov.au/legal-obligations/legislati</u> Codes of Practice NSW: <u>https://www.safework.nsw.gov.au/resource-library/lis</u>	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 2011 Work Health and Safety (National Uniform Legislation) Regulation 2011 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/worplace-serve-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/fecture-serve-laws</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 (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_saces/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
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> </ul>
Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council - Authorisation to commence work	<ul> <li>Work health and safety consultation, cooperation and coordination</li> <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>

- Any required documents.



#### 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	Position	Signature	Date	Time	Supervisor
			Date:		
			Datu		
			ı te:		
			Date:		

#### SAF WC A STHUD STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to review the sure it remains revised if necessary) if relevant control measure are a conconsultation with workers (including contractors are subcontract of the SWMS and their health and safety representatives who re workplace.

ke sure it remains effective and must be reviewed (and acception of the process should be carried out in s any subcontract s) who may be affected by the operation esentatives who recented that work group at the

When the SWMS has been revised the PCBU must ensure that all persons involved with the work are advised that a revision has been made and how they can access the revised SWMS, including all persons who will need to change a work procedure or system as a result of the review are advised of the changes in a way that will enable them to implement their duties consistently 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	TO BE DONE	COMMENTS
The company details have been entered, including the project name and address.			
Names and signatures of all relevant personnel consulted during the development of the SWMS.		P	
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.			
Foreseeable hazards are identified and documented for each step.			
Any hazards listed in any site risk assessments have been added to the SWN			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effecting sections.			
Responsible person is assigned and listed on the SWMS for the impement of continue measures.			
Permit requirements specified, such as Hot Wren Electrical Work, Versat Heights etc.			
SWMS identifies plant and equipment to be up.			
Details of inspection checks required for any equipment listed ar noted on the SWMS.			
Describes any mandatory qualifications, experience vaining skills required to perform the work.			
Applicable personal protective equipment is selected on the SWMS.			
Lists any required permits or licenses.			
Reflects and documents any legislative references and/or Australian Standards.			
Identifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE RI	EVIEWED	
SIGNATURE	DATE COMPLETED		