

Radial Arm Drill	SAFE WORK METHOD STA	ATEMENT (SWMS)	
TA	ASK OR ACTIVITY: Radial Arm D	rill	
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E fil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE POST 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 ture at a safe work method s	tatement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring a	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 CO. MUNICATED TO IN THE DEVELO	LL RELEVANT PERSONNEL WHO HAVE B PMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND
Safety meetings or toolbox talks will be sched ed in accordance with agislative requirements to first identify any site hazards, conditions unical those hazards and then to further take steps to either the conditions are or conditions.	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must structurately. 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.			



		CL	DETAILS					
Client:						SCOPE OF WORKS		
Project Name:					Provide a detailed description of the specific work being carried out (otherwise			
Project Address:				known as cope of works).				
Project Manager:								
Contact Phone:								
Project Manager Sig	gnature:							
Date SWMS supplie	ed to Project Manager:							
		ANY HIGH	N' JRK BEING	CARRIED OUT				
☐ involves a risk of a p	erson falling more than 2 n	neters.		is carried out on	or near pressurised gas mains	s or piping.		
☐ involves a risk of a person falling more than 2 meters. ☐ is carried out on a telecommunication tower.				☐ is carried out on or near chemical, fuel or refrigerant lines.				
☐ is carried out on a telecommunication tower. ☐ involves demolition of an element of a structure that is load-been.				is carried out on	or near energised electrical in	stallations or services.		
☐ involves demolition of	of an element related to the	e physical integril of a str	3	is carried out in	an area that may have a conta	minated or flammable atmo	sphere.	
☐ involves, or is likely t	o involve, disturbing a es	stos.		☐ involves tilt-up o	r precast concrete.			
☐ involves structural al	teration or repair that re	mporal, upp to p	prevent collapse.	is carried out on	, in or adjacent to a road, railwa	ay, shipping lane or other tr	affic corridor.	
is carried out in or ne	ear a confined space.			is carried out in	an area of a workplace where t	there is any movement of po	owered mobile plant.	
☐ is carried out in/near	a shaft or trench deeper th	nan 1.5m or tunnel involvir	ng use of explosives.	is carried out in	areas with artificial extremes of	f temperature.		
is carried out in or ne	ear water or other liquid tha	at involves a risk of drowning	ng.	involves diving v	vork.			
		ANY H	IGH-RISK MACHINER	RY OR EQUIPMEN	NT NEARBY			
☐ Forklift	☐ Crane/s	☐ Hoist/s	☐ Excavator	☐ Backhoe/Loader	Boom Lift	□ EWP	☐ Genie Lift	
☐ Trencher	☐ Drilling Rig	Trucks	Formwork	☐ Bobcat	☐ Flammable Gas	☐ Fuel	☐ Dozer	
☐ High Voltage	☐ Mulcher	☐ Tilt-up Panels	Roller	☐ Scissor Lift	☐ Tractor	☐ Other -		





#### FOOT HAND **HEAD HEARING** SPIRATORY FACE HIGH-VIS **PROTECTIVE** FALL SUN HAIR/JEWELLERY CLOTHING **PROTECTION PROTECTION** PROTECTION **PROTECTION** PROTE DTECTION **PROTECTION** CLOTHING **PROTECTION PROTECTION SECURED**

Select me appropriate PPE above suitable for the equipment used or the job task being performed (if applicable).

**Note:** A SWMS must be reviewed regularly to make sure it remains effective. A SWMS must be reviewed (and revised if necessary) if relevant control measures are revised. The review process should be carried out in consultation with workers (including contractors and subcontractors) who may be affected by the operation of the SWMS and their health and safety representatives who represented that work group at the workplace.

When a SWMS has been revised, the person conducting a business or undertaking must ensure all:

- 1. persons involved in the work are advised that a revision has been made and how they can access the revised SWMS;
- 2. 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: and.
- 3. workers that will be involved in the work are provided with the relevant information and instruction that will assist them to understand and implement the revised SWMS.



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, Slips and trips	2M	<ul> <li>Regular equipment inspection: Conduct routine inspections of the radial arm drill, power cables, and electrical connections to ensure of per functioning and reduce the risk of electrical hazards.</li> <li>Training and competency: Only trained are competent personnel should operate a radial arm drill to minimise risks involved with nexperienced workers not understanding how to safely use the equipme.</li> <li>Appropriate footwear: Workers must wear non-out footwear to accrease the likelihood of slipping or tripping while operating the machine and the work environment.</li> <li>Work area hour deeping (eep no work area chan and free from clutter, spills, and obstacle dust could calle slips and trips a suring proper organisation can help remove plential haz as that make a moticed.</li> <li>Clear unage of the wings: Use clear signage and markings around the radial arm of the kspace of warn workers of potential slip and trip hazards.</li> <li>Corre make time polyoning: Ensure the radial arm drill is situated on level ground and in a stable position or reduce risks associated with the machine moving or anning in seed ong operation.</li> <li>Preport on the management: Organise and manage power cords and cables ffective to prevent them from becoming trip hazards. Using cable covers or an ing them overhead can help eliminate potential obstacles.</li> <li>Implement safety shut-off switches: Equip the radial arm drill with emergency stop buttons and safety switches that automatically cut power in case of any malfunction or unsafe situation.</li> <li>Adequate lighting: Ensure sufficient lighting is provided in the work area to allow for clear visibility of potential hazards and safe operation of the radial arm drill.</li> <li>Establish safety protocols and guidelines: Develop and communicate a set of safety procedures and guidelines specific to the radial arm drill that every worker must follow to minimise the risk of accidents and injuries related to electrical hazards, slips, and trips.</li> </ul>	1L	
2. Work Area Inspection	Flying debris, Noise	3Н	- Conduct a thorough inspection of the work area before starting operations, ensuring that there are no potential obstructions or hazards.  - Clearly mark out the work area with high-visibility barriers and warning signs to prevent unauthorised access and alert personnel of the hazards.  - Provide appropriate personal protective equipment (PPE) to workers, including safety glasses or goggles for flying debris protection and earplugs or earmuffs for noise reduction.  - Ensure proper maintenance of the radial arm drill and regular checks on its safety features, such as enclosures and guards, to minimise the risk of flying debris.	2M	



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			- Plan the drilling process in advance, taking into account the type and thickness of materials being worked upon to minimise the risk of flying debris.		
			- Implement strict work procedures and guidelines and when to use the radial arm drill, along with training programs to sure that all workers are familiar and competent with the equipment.		
			- Set up machine operation controls and switches with leasy reach, allowing operators to stop the drilling process quickly in the same of an emergency or hazard situation.		
			- Regularly monitor noise level on the work area us so to level meters and implement noise coordinates and if necessary, such the installation of noise barriers or acourt enclosures are up the radial arm drill.		
			- Implement learing constitution plantage, including noise exposure assessment, a loyee of cation, and the auditory testing for workers exposed to not again.		
			- Implement good has sekeeping practices, regularly clearing away scrap material and denishing the work area to reduce the risk of accidents caused by trip hazards and flyir dec		
	•		course regard communication between operators and other workers present in the sent raise awareness of potential hazards and ensure they take appropriate recaus.		
			- insider utilising quieter drilling techniques or alternative technologies where possible to reduce the noise generated during the drilling process.		
			- Enforce mandatory breaks for workers exposed to high noise levels, allowing them some respite and helping to reduce the risk of long-term hearing damage.		
	5		- Regularly review and update the SWMS and control measures, taking into account any changes in equipment, processes, or work environment. Encourage workers to provide feedback on potential hazards and improvements to ensure a safer work environment for all.		
			Conduct a thorough risk assessment before setting up the radial arm drill to identify any potential hazards, including pinch points and manual handling risks.		
			- Ensure all workers operating or working in close proximity to the radial arm drill have received proper training on its safe use, set-up, and hazard control measures.		
3. Machine Set-up	Pinch points, Manual handling	3H	- Use appropriate personal protective equipment (PPE) such as gloves, safety glasses, and closed-toe shoes to minimise direct exposure to potential hazards during machine set-up.	2M	
			- Turn off and lockout/tagout the radial arm drill's power source during set-up, preventing any unintentional start-ups that may cause injury or damage.		
			- Inspect the work area around the radial arm drill for any obstructions, spills, or debris that could create a tripping or slipping hazard during machine set-up.		



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			- Ensure that the radial arm drill's work table and clamping devices are correctly adjusted and secured according to the manufacturer's guidelines, reducing the risk of movement, shifting, or uncontrolled release.		
			- Use mechanical aids such as hoists, trolleys orklifts when handling heavy components of the radial arm drill, minimising the need for manual lifting and reducing the likelihood of injuries due to manual handling.		
			- Implement a buddy system where two or mole the results assist each other during machine set-up, improving communication and providing an explain of eyes to identify any hazards.		
			- Regularly inspect a pointain a radial arm drill, a caring all safety guards, interlocks, and or gency op few res are functioning properly and reducing the risk of accident during manner set.		
			- Develop and storce storard operator occedures (SOPs) that outline the correct set-up cess to be gual arm drill, providing clear instructions for workers and promoting onsists safety practices within the workplace.		
4. Tool Selection and Inspection	Tool malfunction, Sharp siges	2M		1L	



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5. Workpiece Mounting	Incorrect mounting position, Dropped workpiece	ЗН		2M	



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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	IN INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK	PERSON NAME OF PERSON
6. Drilling Operation	Entanglement in rotating parts, Dust inhalation	4A		ЗН	



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7. Tool Change	Misaligned tools, Incorrect grip	2M		1L	



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	5				
3. Material Handling	Struck by materials, Awkward lifting and carrying	3H		2M	



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9. Machine Maintenance	Exposure to lubricator, wech mical hazards	2M		1L	



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10. Emergency Stop Procedures	Delayed response, Ineffective stop mechanism			2M	



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11. Cleaning	Noise, Exposure to chemicals	2M		1L	



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2. Shutdown and Storage	Pinch points, Mar I handling	2M		1L	



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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 REFERENCES

RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCES. ANY STATE OF 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/codes-oi-practice

Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice

#### **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/legislations/leg

Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis > odes-or racti

#### **Northern Territory**

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 2011

Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/wo\_place-

Codes of Practice NT: https://worksafe.nt.gov.au/s

#### South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (SA)

Legislation for SA: <a href="https://www.safework.sa.gov.au/resources/legislation">https://www.safework.sa.gov.au/resources/legislation</a>

Codes of Practice for SA: https://www.safework.sa.gov.au/work\_aces/codes-of-practice#COPs

#### 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

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.

#### Victoria

Occupational Health al. Safety Act 34

Occupational Health and afety gulations 2017

Legis on VIC: https://www.safe.vic.gov.au/occupational-health-and-safety-act-and-

<u>Julai.</u>

des on actice VIC attps://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice

#### Western Australia

Work Health and Safety Act 2020

Work Health and Safety Regulations 2022

Legislation Western Australia: <a href="https://www.commerce.wa.gov.au/worksafe/legislation">https://www.commerce.wa.gov.au/worksafe/legislation</a> Codes of Practice WA: <a href="https://www.commerce.wa.gov.au/worksafe/codes-practice">https://www.commerce.wa.gov.au/worksafe/codes-practice</a>

#### Safe Work Australia Links

Law and Regulation (All States): https://www.safeworkaustralia.gov.au/law-and-regulation Model Codes of Practice: https://www.safeworkaustralia.gov.au/resources-publications/model-codes-of-practice

#### **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
- 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.

	Tollow any sale work instructions which are provided, and agrees to use an reisonal riotective Equipment where appropriate.							
Worker Name	Pos	sition	Signature	Date	Time	Sup	pervisor	
				Date:				
			_					
				Date				
			l te:					
			AV	Date:				
				Date:				
				Date:				
				Date:				
		SAF WO A S	THUD STATEMENT	MONITORING AND	REVIEW			
The SWMS must be reviewed regularly to reak sure it remains effective and must be reviewed (and revised if necessary) if relevant control measure are subcontracted by process should be carried out in consultation with workers (including contractors are subcontracted)) who may be affected by the operation of the SWMS and their health and safety representatives who researched that work group at the workplace.  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				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				
them to understand and imp					tently developing ever-imp	<b>3</b> ,	' '	
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 P	
Name, signature, position and date signed of the person approving the SWMS.			
Specific personnel and qualifications, experience is noted in the SWMS.	P		
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 SWh			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effecting so tions.			
Responsible person is assigned and listed on the SWMS for the imperent of continue assures.			
Permit requirements specified, such as Hot Work, Veralt Heights etc.			
SWMS identifies plant and equipment to be u d.			
Details of inspection checks required for any equipment listed are noted on the SWMS.			
Describes any mandatory qualifications, experience raining 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.			
dentifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE R	EVIEWED	
SIGNATURE	DATE CO	MPLETED	