

End Mill Machine   SAFE WORK METHOD STATEMENT (SWMS)								
TA	ASK OR ACTIVITY: End Mill Mach	ine						
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 P OF THE PROJECT						
Under the Work Health and Safety Regulation (WHS Regulation), a person conducte proposed work starts.	cting a business or undertaking (N BU) is	required to ture at a safe work method s	statement (SWMS) is prepared before					
Full Name:								
Signature:		Title:	Date:					
Business Address: [Company Address]       Phone: [Phone]       E. til:         Contact Person:       THIS SAFE WORK METHOD STATEMENT IS APPROVED BY THE PL OF THE PROJECT         Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (h. BU) is required to: ture out a safe work method statement (SWMS) is prepared before the proposed work states.         Full Name:       Tritle:       Date:         Details of the person(s) responsible for ensuring implementation, monitoring at compliance (th. BU/MS) well as reviews and modifications of the SWMS.       Title:       Phone:         Full Name:       Title:       Phone:       Contact Person(s) responsible for ensuring implementation, monitoring at compliance (th. BU/MS) well as reviews and modifications of the SWMS.       Stepsenson (the SWMS).         Full Name:       Title:       Phone:         Full Name:       N: VE AND DATED SIGNATURE CPALLEVANT PERSONNEL WHO HAVE BEEN CONSULTED AND APPROVAL OF THIS SWMS.         Safety meetings or toolbox talks will be scheed at in accordance with gislative requirements to first identify any site hazards, kooodid complice, those hazards and then to further take steps to either.       NAME       SIGNATURE       DATE         If an incident or a near miss occurs, all work must state contactioned opportunity.       NAME       SIGNATURE       DATE         WAY that get to the fordent, a needing will a work were state and contactioned opportunity.       Any changes made to the SWMS after an incident or a near miss								
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 COMMUNICATED TO IN THE DEVELO	LL RELEVANT PERSONNEL WHO HAVE B OPMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND					
requirements to first identify any site hazards, conduction inical those	NAME	SIGNATURE	DATE					
If an incident or a near miss occurs, all work must successful 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.								
approved by the Person Conducting Business or Undertaking and								
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.								



		C	LIENT OR PRINCIPAL	CONTRACTOR DE	TAILS				
Client:					SCOPE OF WORKS				
Project Name:							k being carried out (otherwise		
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 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 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	Manual handling injuries, Slips, trips and falls	2М	<ul> <li>Provide adequate training to workers on proper manual handling techniques, including correct lifting postures and the importance diseeking assistance when needed.</li> <li>Encourage regular stretching and warm-waskercises before work to minimise risks associated with muscle strains or sprains due to manual andling tasks.</li> <li>Implement a buddy system where two workers on proper for heavy lifting tasks, thereby reducing the risk of monual handling injuets.</li> <li>Clear walkways, aisles and wark areas of any debuncher, or obstacles that may pose a hazard to empress an another buffer on spins, they, or falls.</li> <li>Use non-slipenets or other ultable surface methals in areas where slip-related hazards mighte present, uch as numbered Mill Machine, where coolant spills are continon.</li> <li>Enstein at all human diffaces are well-maintained, free from damage and cleaned regular the reventibility of any substances that could cause slips, trips, or falls.</li> <li>Inspect foot ar work workers for its appropriateness in the workplace and onsure that it publides acequate grip, support, and comfort to minimise hazards a noticate with sites, trips, and falls.</li> <li>Instancings, barricades or warning signage around hazardous areas, such as its or unicen surfaces, to alert workers about potential tripping hazards.</li> <li>An ure that appropriate lighting is installed in the workplace, especially in areas with potential hazards identification assessments in the workplace so that new risks can be identified, evaluated and control measures put in place to mitigate against slips, trips, falls and manual fandling injuries.</li> </ul>	1L	
2. Installation	Electric shock, Crush injuries	ЗН	<ul> <li>Ensure all workers involved in the installation process have received appropriate training on the End Mill Machine and its Workplace Health and Safety (WHS) procedures.</li> <li>Conduct a thorough pre-start inspection of equipment, tools, and the work environment prior to commencing any installation activities.</li> <li>Shut off all electrical supply to the work area during the installation process, and use lockout-tagout (LOTO) procedures to secure the power source.</li> <li>Clearly mark and maintain restricted access zones around the mill machine installation area to prevent unauthorised personnel from entering.</li> <li>Verify that all installation equipment, such as lifting slings and cranes, is well-maintained, certified and has an adequate load rating for handling the end mill machine components.</li> </ul>	2M	



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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	RESIDUAL RISK	NAME OF PERSON
			- Utilise personal protective equipment (PPE), including gloves, safety glasses, and steel-toed boots, when working in close proximity to the End Mill machine or performing tasks that pose risk of injury.		
			- Ensure there is adequate communication between workers during the installation process, using only agreed-upon hand sign and verbal commands.		
			- Constantly monitor weather conditions, part plarly frongers of lightning or electrical storms, while performing installation tasks out		
			- Follow proper manual hand on techniques when oving or sationing end mill machine components to avoid this injuries.		
			- Avoid overloading account circo to by following the manufacturer's recommendation for power equirements and the aring any temporary wiring is used safely a correctly.		
			- Development and here was used as the poly sep installation plan that outlines each individe ask and the necessary safety precautions to address potential hazards.		
			- Maint, n a lean at organised work environment, free of obstacles and debris, to minimis trip, d slip, ards.		
			Regular reviee SWMS and other WHS documentation to ensure it remains relevant and up-to date, incorporating lessons learned from previous installations.		
			Always port any near misses or accidents during the installation process to nagement and follow all required incident investigation and reporting procedures.		
	C		Regular machinery inspection: Conduct routine inspection and maintenance of the end mill machine to ensure all safety guards, barriers, and other protective devices are in place and functioning properly.		
			- Use appropriate Personal Protective Equipment (PPE): Workers should wear safety glasses or goggles, gloves, and high-visibility clothing to protect themselves from flying debris and potential machinery entanglement.		
			- Provide training on safe equipment operation: Ensure that all workers operating the end mill machine are adequately trained in its safe use and familiar with the machine's safety features.		
3. Inspection	Machinery entanglement, Flying debris	2M	- Secure loose items and clothing: Workers should secure all loose items and clothing that may become entangled with the end mill machine.	1L	
			- Work area housekeeping: Keep the work area around the end mill machine clean and free from clutter and debris to minimise trip hazards and ensure a clear line of sight to the equipment.		
			<ul> <li>Implement machine guarding: Install suitable guarding around any dangerous moving parts of the end mill machine to prevent accidental contact and entanglement.</li> </ul>		
			- Maintain proper tooling and equipment: Ensure all tools and equipment used for inspection are in good working condition, correctly installed, and inspected regularly.		



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			- Use correct inspection techniques: Train workers on the correct inspection techniques to minimise the risk of entanglement and flying debris during the inspection process.		
			- Emergency stop button accessibility: Make structure emergency stop button is easily accessible and visible to the machine operator at all times.		
			- Display warning signs and safety instruction. Post-pole warning signs and safety instructions near the end mill machine to remin proventive measures.		
			- Limit access to machine area to estrict access to be encould machine area to essential personnel area to trained on the proceedures and safety protocols.		
			- Follow lock of tagout providures were near sary: Implement a lockout/tagout system to prevent the accelental start-on-one end mill machine during main once, reported other activities that might expose workers to hazardous situation.		
4. Machine set-up	Pinch points, Noise expos	2M		1L	



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5. Material positioning	Falling materials, Struck by equipment	ЗН		1L	



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6. Milling operation	Dust generation, Eye strain	2M		1L	

Version 2.5

Date of Issue:



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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	RESIDUAL RISK	NAME OF PERSON
7. Tool change-out	Sharp tool contact, Incorrect tool usage	2М		1L	



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8. Maintenance tasks	Musculoskeletal injuries, Chemical exposure	2М		1L	



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9. Clean-up	Manual handling injuries, Contact with hazardous substances	2M		1L	

Version 2.5

Date of Issue:



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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	RESIDUAL RISK	NAME OF PERSON



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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	RESIDUAL RISK	NAME OF PERSON
10. Emergency stop	Entanglement, Lossenmachwe control			1L	

Version 2.5



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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		NAME OF PERSON
11. Troubleshooting	Electrocution, Mechaner week			2М	



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	C				
2. Decommissioning	Crush injuries, Equipment damage	ЗН		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	RESIDUAL RISK	NAME OF PERSON			



#### **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 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 au Safety Act ou 04 Octopational Health and orfety regulations 2017 Legistron VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- rulations</u> ordes of coactice VIC <u>autps://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/legislative">https://www.safework.nsw.gov.au/legal-obligations/legislative</a> Codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/legal-obligations/legislative</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 2011 Work Health and Safety (National Uniform Legislation) Regulation 2011 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/weicplace-servelaws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/weicplace-servelaws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/weicplace-servelaws</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/legulation</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/codes-of-practice">https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice</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 are subcontractions) who may be affected by the operation sentatives who received 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 imement of cont, measures.			
Permit requirements specified, such as Hot Wey, Electrical Work, Verat Heights etc.			
SWMS identifies plant and equipment to be up t.			
Details of inspection checks required for any equipment listed approved 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 CO	MPLETED	