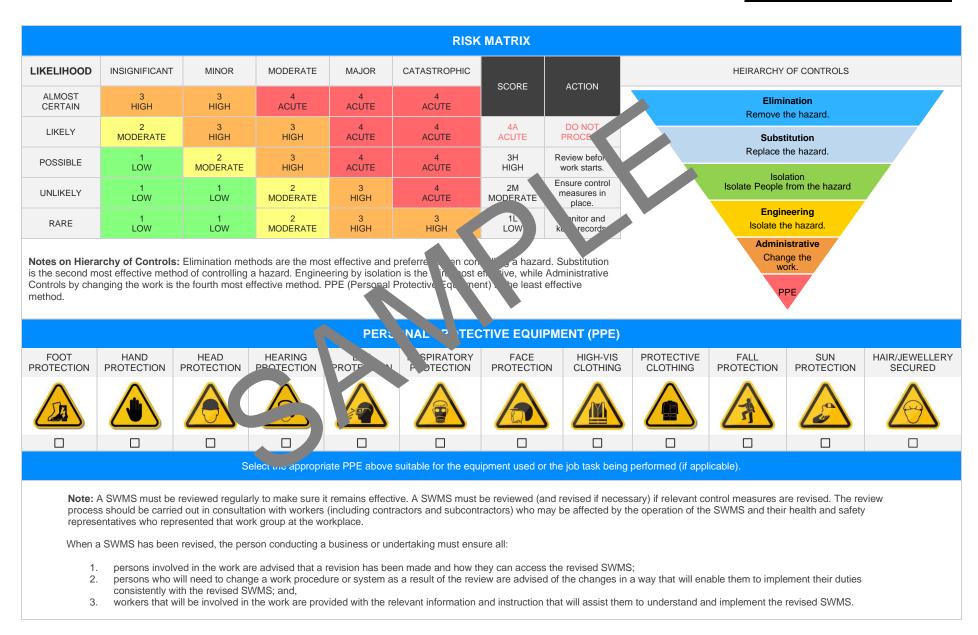
Metal Cnc Milling Mac	hine SAFE WORK METHO	D STATEMENT (SWMS)						
TASK	OR ACTIVITY: Metal Cnc Milling I	Machine						
Business Name: [Company Name]		ABN: [ABN]	SWMS#					
Business Address: [Company Address]								
Contact Person:	Phone: [Phone]	E ail:						
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE P. J OF THE PROJECT						
Under the Work Health and Safety Regulation (WHS Regulation), a person conductive proposed work starts.	icting a business or undertaking (HBU) is	required to ture that a safe work method s	tatement (SWMS) is prepared before					
Full Name:								
Business Address: [Company Address] Contact Person: Phone: [Phone] E fail: ITHIS SAFE WORK METHOD STATEMENT IS APPROVED BY THE PC OF THE PROJECT Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (k BU) is required to course at a safe work method statement (SWMS) is prepare the proposed work starts.		Date:						
Full Name:		Title:	Phone:					
	N TE AND DATED SIGNATURE OF A CO. MUNICATED 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					
on the severity of the incident, a meeting will be called with all workers to amend								
approved by the Person Conducting Business or Undertaking and								
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								



		C	LIENT OR PRINCIPA	L CONTRACTOR DE	TAILS					
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	Signature:									
Date SWMS supp	olied to Project Manag	er:								
		ANY HIG	H-RISK CON JUCT	N JRK BEING	ARRIED OUT					
involves a risk of	a person falling more than	2 meters.		is carried out on c	is carried out on or near pressurised gas mains or piping.					
is carried out on a	a telecommunication tower			☐ is carried out on or near chemical, fuel or refrigerant lines.						
involves demolition	on of an element of a struct	ure that is load-be		☐ is carried out on or near energised electrical installations or services.						
involves demolition	on of an element related to	the physical integrit of a s	tr 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	mporal, upp to	o prevent collapse.	is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor.						
is carried out in o	r 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/n	ear a shaft or trench deepe	er than 1.5m or tunnel invol-	ving use of explosives.	is carried out in areas with artificial extremes of temperature.						
is carried out in o	r near water or other liquid	that involves a risk of drow	ning.	involves diving wo	ork.					
		ANY	HIGH-RISK MACHINI	ERY OR EQUIPMEN	FNEARBY					
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 -				







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	Improper training, inadequate protective equipment	3Н	 Implement Comprehensive Training: Ensure all workers operating the CNC milling machine are fully trained and equipped with skills reached to handle the machine. A professional should conduct both practical and the vetical training sessions. Personal Protective Equipment (PPE): Minuatory use of appropriate PPE such as safety glasses, gloves, earplugs, and high-vebility vest workers should be educated about the importance of using these trince peration. Machine Inspection: Regulancheck-ups and the maintenant of the milling machine can play a vital role relanger prevention. Iways and that the machine is in perfect condition before stung any operations. Comprehensive sk Assessment Carry out contorehensive risk assessment frequently to the milling the measures before problemarise. Saftwrifting, Ban each shift or workday with thorough safety briefings emptions in the net associated with the task, and highlighting the safety measures in plac. Emerginecy necedure Have established and well-practiced emergency speedules in dia things go wrong. This includes knowledge of where first aid kits, enterent exits and equipment shut-off switches are. Instain equate Lighting: Proper lighting around the working area is essential for ibility to prevent mishaps related to lack of clarity while handling the machinery. Guan and Organised Work Area: Keep work areas clean and clutter-free to avoid arip hazards and make it easier to reach emergency shut-off switches. Strictly Follow Manufacturer's Guidelines: The manufacturer's guidelines give detailed information on the safe handling of the machine. Adhering to this information will significantly reduce risk exposure. Use of Guards: Using machine guards help contain chips, coolant and prevent the operator from making direct contact with moving parts. They are installed over the point of operation, power transmission apparatus or other hazardous areas. 	2M	
2. Equipment setup	Caught in moving machinery, electrical shock	4A	 Ensure that workers are adequately trained and competent in operating the metal CNC milling machine. Use guardrails, barriers and signage to mark the zone where the milling machine is located to prevent unauthorised access. Always inspect and maintain the metal CNC milling machine regularly to ensure it is in good working condition. Make sure the milling machine has an effective emergency stop button that is easily accessible in case of unexpected situations. Never leave the machine unattended while it's running. Operators should always stay within sight of the device. 	2M	



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
			- Install ground fault circuit interrupters (GFCIs) to reduce the risk of electrical shock.		
			- Make use of appropriate Personal Protective Equipment (PPE) such as safety goggles to protect eyes from flying debris, gloves to protect the hands, and safety shoes.		
			- Maintain a clean and organised work area avoid hazers including potential trips or falls.		
			- Make use of the lockout/tagout procedures when servicing the metal CNC milling machine.		
			- Practice regular hand bygiene and frequent cleaning an quipment to minimise contact with oils are use, buts the can cause skin irritation.		
			- Do not wear my loose closing, jet a lery or the other items that could get caught in the machin		
			- End there regularizes the action operators to benefit their physical health and maintain the heve. If concentration.		
			- Use Pu sonal protect, Equipment: Encourage the use of necessary PPE such as fety gluises, they and steel-capped boots when handling materials.		
	R		- Trace of Provide proper manual handling training for all employees to minimise the sk of in, s.		
			- gular Breaks: Ensure regular breaks are taken to alleviate fatigue, a common cause of mishandling injuries.		
			- Job Rotation: Job rotation could be carried out throughout the day to reduce the shore-up on a single employee that might lead to overuse injuries in the long term.		
			- Equipment: Utilise lifting aids or devices wherever possible instead of manually handling the material.		
3. Material loading	Manual handling injuries the fresharp objects	ЗН	- Management Supervision: Ensuring worker compliance with safety procedures through supervision.	1L	
			- Clear Workspace: Make sure that the workspace is clear of clutter and sharp objects that may cause cuts or injuries.		
			- Pre-start checks: Carry out pre-start checks of the CNC machine to ensure that it's safe for use before loading materials.		
			- Safe Storage: Properly storing materials not currently in use to prevent accidents.		
			- Workload sharing: Ensure heavier loads are shared between multiple workers to avoid overexertion.		
			- Regular Maintenance: Ongoing maintenance of machines and equipment to ensure their working condition.		
			- Emergency Procedures: All personnel should be trained in emergency procedures in case of an accident occurs.		



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
4. Operation start-up	Noise related hazards, machine malfunction	ЗН		2М	
5. Regular inspection	Repeated exposure to loud noise, contact with hazardous substances	2M		1L	

Version 2.5



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
	Electrical shock, uncontrolled relate of				
6. Maintenance work	energy	4A		2M	

Version 2.5



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
7. Material Unloading	Manual handling injuries, trapped fingers/toes	3Н		1L	
8. Machine shutdown	Electrical hazards, unexpected start-up of equipment	2M		1L	



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
9. Housekeeping	Slips, trips and falls, fire hazard from combustible waste	2M		1L	



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
10. Emergency procedures	Lack of emergency plann, counc related injuries	2М		1L	







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
12. Paperwork processing	Data mismanagement, loss/damage of records	1L		1L	
13. Load-out for next job	Heavy Object handling, Misstep incidents	3H		1L	

Version 2.5

Date of Issue:



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
14. End-of-day safety checks	Overlooking potential hazards, incomplete documentation	2М		1L	



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
15. Shutdown for the day	Chemical spills, leaving equipment powered on	2M		1L	

Version 2.5



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
	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 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: 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-of-practice Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice	Victoria Occupational Health all Safety Act wid4 Occupational Health and a fetver gulations 2017 Legis from VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulations</u> Codes of mactice VIC <u>entps://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: https://www.safework.nsw.gov.au/legal-obligations/legislatic Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislatic	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-sect-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/worplace-sect-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/worf_laces/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: 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	 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 						
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.	 More that a fact y constrained 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.

Worker Name	Position	Signature	Date	Time	Supervisor
			Date:		
			Date		
			ı te:		
			Date:		

SAF WO A STHUD STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to revised if necessary) if relevant control measure are revised if necessary) if relevant control measure are revised of the SWMS and their health and safety representatives who reworkplace.

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.
- 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 SWh			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effectines.			
Responsible person is assigned and listed on the SWMS for the impement of cont, measures.			
Permit requirements specified, such as Hot Wrap Electrical Work, Variat Heights etc.			
SWMS identifies plant and equipment to be upd.			
Details of inspection checks required for any equipment listed ar noted on the SWMS.			
Describes any mandatory qualifications, experience reining 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 REVIEWED		
SIGNATURE	DATE COMPLETED		