Lathe Metal Cutting SAFE WORK METHOD STATEMENT (SWMS)									
ТА	SK OR ACTIVITY: Lathe Metal Cu	tting							
Business Name: [Company Name]		ABN: [ABN]	SWMS#						
Business Address: [Company Address]									
Contact Person:	Phone: [Phone]	E All:							
THIS SAFE WORK METHOD STATEMENT IS APPROVED BY THE PLAN OF THE PROJECT									
Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (k BU) is required to surrout a safe work method statement (SWMS) is prepared before the proposed work starts.									
Full Name:									
Signature:		Title:	Date:						
Details of the person(s) responsible for ensuring implementation, monitoring a	compliance of the SWMS well as review	vs and modifications of the SWMS.							
Full Name:		Title:	Phone:						
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS WMS. ST HAVE THE FOLLOWING COMMUNICATED	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						
Safety meetings or toolbox talks will be sched ed in accordance with egislative requirements to first identify any site hazards, conditioned in the second hazards and then to further take steps to either charge or control ear chazard.	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.									
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:							rk being carried out (otherwise				
Project Address:			k	nown as scope of works).							
Project Manager:											
Contact Phone:											
Project Manager	Signature:										
Date SWMS supplied to Project Manager:											
		ANY HIG	H-RISK CON YUCI	N. JRK BEING	ARRIED OUT						
involves a risk of	a person falling more than	2 meters.		is carried out on or	near pressurised gas main	s 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	17 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	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 involv	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	k.						
		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	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	Poor housekeeping, Inadequate trainii		 Implement a thorough housekeeping protocol: Ensure the workplace is cleaned regularly and properly maintained to prevent clutter of build-up of dirt or debris. This includes establishing designated waste discuss areas, frequently emptying bins, and cleaning the floors and work surface usaily. Provide comprehensive safety training for nemployed refinsure all workers operating or working near lathe machines have ere of a dequate training on safe machine operation, hazard awareness, and risk englation strategies. This includes on-the-job training and refree or courses as need. Establish clear safety proceed as: Develop compresence safety procedures that meet legislative stratement of the use or breas are unde acod by all employees. Procedures show include notice for emergence situations, equipment maintenance and the use operson or order or equipment (PPE). Utilizer varining equational labels: Place appropriate hazard and safety signs near the lagenetal doing area to increase worker awareness and guide safe behave the These or y include reminders about the use of PPE, machinery lockout ague broce work begins. This can help minimise risks associated with poor puses. The meet regulates and indequate training. Condup prevention of selfore each shift begins to identify potential hazards and adous them before work begins. This can help minimise risks associated with poor puses. The same propriately stored in well-organised areas to minimise clutter and prevent obstruction of walkways and workspaces. Maintain an incident register: Record all incidents and near-misses to improve overall safety measures and prevent future reoccurrences. This process should also involve reviewing the effectiveness of current control measures and making necessary adjustments. Supervise inexperienced workers: Assign a trained employee to supervise less experienced operators while they become familiar with lathe metal cutting tasks; this ensures proper guidance, mentoring and adhe	1L	



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2. Inspection	Faulty equipment, Unguarded moving parts	ЗН	 Conduct routine equipment inspection: Ensure that a thorough inspection of the lathe and its components is performed by a qualified arson before the commencement of each work shift. This inspection mould include checking for any visible defects, damages or missing parts. Adherence to manufacturer guidelines: All uses follow to manufacturer's instructions on proper usage, maintenance, a usee nof the lathe to minimise the risk of faulty equipment causing an incident. Implement machine guardin. Ensure that all unguited ensuing parts of the lathe are fitted with appropriate guara to prevent accident useact with workers during operation. Develop as a whore look ultagoo procedure. Prior to performing any maintenance, ensuing the equipment is de-energised to prevent unexpected startu. Estath shumar conclumication protocol: Maintain open lines of communication with team much and survisors when any hazards are identified during inspection, and escente as uccessary. Adide paining or employees: Regularly offer comprehensive training in Workp the Health and Safety (WHS) standards, specifically focusing on the peration. dt maintenance of lathes, to reduce the likelihood of incidents and taker injury. Use personal protective equipment (PPE): Employees operating the lathe should be provided with and required to wear appropriate pPE, such as safety glasses, gloves, and hearing protection, to safeguard against potential risks. Display hazard signage: Place clear, easily visible signs near the lathe to remind workers of potential hazards. Instill a culture of openness and support within the defection of debris and other hazards that may interfere with the operation or movement of the lathe. Encourage reporting of hazards: Instill a culture of openness and support within the effectiveness of implemented control measures, identify areas for improvement, and refine the necessary strategies to further mitigate hazards associated with the inspection or m	1L	
3. Machine Setup	Entanglement, Incorrect tool selection	2M	- Provide proper training: Ensure all operators have received appropriate training in machine setup, tool selection, and safe operation of lathe metal cutting equipment.	1L	



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			- Establish a lockout/tagout procedure: Implement a lockout/tagout policy to ensure that the machine is rendered inoperable during setup and tool change to prevent accidental entanglement.		
			- Use appropriate personal protective equipment, -PE): Require operators to wear appropriate PPE such as gloves, safety gor tess, and close-fitting clothing during machine setup.		
			- Install machine guards: Equip lathe machines the proper guards over the rotating parts to protect workers from entanglement haza s.		
			- Create and implement Standon' Operating Processing (2025): Develop clear SOPs for machine structure boll selection, and usage, ensuing that operators adhere to them.		
			- Inspect too and equipment prior to the Proof routine inspections of lathe tools and ecoipment identifier by potential routines or damage that may lead to income ool set vice rother hazards.		
			- Main, in clean a corganised work area: Keep the area around the lathe metal cutting ac the free debris, clutter, and excess materials to reduce the risk of acciden		
	•		nit acress to otherised personnel: Restrict access to the lathe metal cutting area or trained and authorised personnel who are skilled in machine setup and peration		
			- uploy an appropriate tool selection process: Ensure that the right tool is used for the specific task at hand. Train operators on the proper usage and limitations of each tool in the lathe metal cutting process.		
	6		- Communicate hazard warnings: Clearly label the lathe machine and its surrounding area with the necessary hazard warnings related to entanglement and incorrect tool selection.		
			- Conduct regular safety audits: Periodically assess and evaluate the effectiveness of existing control measures to identify areas for improvement and ensure commitment to workplace health and safety requirements.		
4. Turning Operations	Flying debris, Eye injury	2M		1L	



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	S				
5. Grinding Operations	Excessive noise, Dust exposure	2M		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	RESIDUAL RISK	NAME OF PERSON
6. Drilling Operations	Projectiles, Repetitive motion injuries	2M		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	RESIDUAL RISK	NAME OF PERSON
		RISK		RISK	

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	RESIDUAL RISK	NAME OF PERSON
7. Tool Changing	Pinch points, Burre from bet	2М		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	RESIDUAL RISK	NAME OF PERSON
8. De-burring Operations	Sharp edges, Hand injuries	2М		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	RESIDUAL RISK	NAME OF PERSON
9. Quality Inspection	Strain from improper ergonomics, Distraction leading to accidents	1L		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
10. Coolant Management	Chemical exposure, Slips and falls	2М		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	RESIDUAL RISK	NAME OF PERSON
11. Waste Removal	Manual handling injuries, Environmental hazards	2M		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	RESIDUAL RISK	NAME OF PERSON
12. Shut Down & Clean Up	Electrical hazards, Slips, trips, and falls	2M		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	RESIDUAL RISK	NAME OF PERSON
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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: 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.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 Octopational Health an Safety Action 04 Octopational Health and unfeture gulations 2017 Legismon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulaters</u> Undes of mactice VICe <u>attps://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/legislative Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislative	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 201 Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/workplace-serve-laws Codes of Practice NT: https://worksafe.nt.gov.au/laws-and-compliance/workplace-serve-laws	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
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/codes-of-practice 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
Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council - Authorisation to commence 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

- 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:		
			Dat		
			t te:		
			Date:		

SAL WO 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 a reverse v process should be carried out in s an subcontract s) who may be affected by the operation sentatives who recessented 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 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.			
Identifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE RI	EVIEWED	
SIGNATURE	DATE CO	MPLETED	