

CNC Lathe Machine	SAFE WORK METHOD S	TATEMENT (SWMS)	
TAS	K OR ACTIVITY: CNC Lathe Mac	hine	
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 (N 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	ompliance of the SWMS well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS VMS. ST HAVE THE FOLLOWING COMMUNICATED		LL RELEVANT PERSONNEL WHO HAVE BI PMENT 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, conditions those hazards and then to further take steps to either the conditions of the conditions are or conditional talks.	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must standardly. 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.			



		CLI	ENT OR PRINCIPAL	CONTRACTOR D	ETAILS					
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 supplie	d to Project Manager:									
	ANY HIGH-RISK CON PUCT NO JRK BEING CARRIED OUT									
☐ involves a risk of a pe	erson falling more than 2 m	neters.		is carried out on or near pressurised gas mains or piping.						
is carried out on a tel	ecommunication tower.		$H \cap H$	is carried out on	or near chemical, fuel or refrig	erant lines.				
☐ involves demolition o	f an element of a structure	that is load-be n.		is carried out on or near energised electrical installations or services.						
☐ involves demolition o	f an element related to the	physical integrit of a str	3.	is carried out in an area that may have a contaminated or flammable atmosphere.						
☐ involves, or is likely to	o involve, disturbing a	tos.		involves tilt-up or precast concrete.						
involves structural alt	eration or repair that re	upp to p	prevent collapse.	is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor.						
is carried out in or ne	ar a confined space.			is carried out in a	an area of a workplace where t	here is any movement of p	owered mobile plant.			
is carried out in/near	a shaft or trench deeper th	nan 1.5m or tunnel involvin	g use of explosives.	is carried out in a	areas with artificial extremes of	temperature.				
is carried out in or ne	ar water or other liquid tha	t involves a risk of drowning	ng.	☐ involves diving w	vork.					
		ANY HI	IGH-RISK MACHINER	RY OR EQUIPMEN	IT 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 -				





PERL NAL TECTIVE EQUIPMENT (PPE)

FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING PPOTECTION	PROTE	SPIRATORY P STECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
			A								

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	Slips, trips and falls, Fire hazard	2M	 Keep the work area clean and well-organised to avoid any slips, trips, and falls. Inspect the floor and walkways around the CNC be machine for any obstructions, spills, or debris before starting operations. Ensure that proper footwear with slip-resident soles is atom, providing secure footing in the workplace. Place warning signs and floor markers to indice areas where there may be a higher risk of slips, trips, or the such as near count or lubric at containers. Regularly check and maintain to extinguishers in the amity of the CNC lather machine, ensuring the string of the surface and easily ascessible. Implementation-smoking to be in the workshort of minimise fire hazards caused by cigarette butts is matches. Train the employ that the appropriate use of fire safety equipment and the proper response of fires of their emergencies in the workplace. Proper vision and conose of flammable materials, such as oily rags, away from ignition hourd. Sullate inspected electrical wiring, outlets, and equipment for wear, damage, or pote. It lits that could lead to a fire hazard. Maintain an adequate inventory of absorbent materials nearby to address spills of count, lubricants, or other liquids quickly and efficiently. Schedule routine inspections and maintenance visits by certified technicians to ensure the CNC lathe machine remains in good working condition and poses minimal risk. Foster open communication between workers and management regarding safety concerns or suggestions to continually improve the safety culture within the organisation. 	1L	
2. Machine Set-Up	Entanglement, Crushing	ЗН	 Ensure that operators have received proper training on CNC lathe machine set-up, including safety guidelines and emergency procedures. Install adequate guarding around rotating components of the CNC lathe machine to prevent entanglement and reduce the risk of crushing injuries. Enforce a strict dress code for workers operating the CNC lathe machine, prohibiting loose clothing, jewellery, or anything that may become easily entangled with the machine. Routinely inspect and maintain safety interlocks on access doors and covers, ensuring they remain in good working order and preventing unauthorised access to moving parts. 	2M	



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			- Clearly mark designated walkways and exclusion zones around the CNC lathe machine, prohibiting entry during set-up and operation, and enforcing proper clearance distances from the machinery.		
			- Implement lockout/tagout procedures during the maintenance and set-up of the CNC lathe machine to ensure the machine the machine to ensure the machine the machine that the machine the machine the machine that the machine the machine the machine that the machine the ma		
			- Equip the CNC lathe machine with emerger stop to ons located strategically around the machine, providing easy access for perator and nearby workers in case of an emergency.		
			- Use workholding devices, such as chucks or clamed defined specifically for use with the CNC lather than the total probability of the control of the contro		
			- Reinforce power lifting to hiques a long all handling practices, including the use of mechanical aids an assistance of other workers, thereby minimising the risk of shing a risk de to manual handling tasks during machine set-up.		
			- Regular, communicate and review safety procedures with employees, highlighting the risk last highest CNC lathe machine set-up, and emphasising the importance on thering control measures in place for their protection.		
			- Pro le oper training: Ensure that all operators are thoroughly trained in safe nanual dling techniques, including correct postures and lifting methods to nimise the risk of injuries during material loading.		
			- Use mechanical aids: Whenever possible, utilise mechanical lifting equipment such as hoists, forklifts, or trolleys to reduce manual handling efforts and decrease the likelihood of accidents.		
			- Establish a clear work area: Keep the work area around the CNC lathe clean and free from obstructions, allowing ample space for material loading and movement.		
Material Loading	Manual handling, Impact injury	2M	- Install safety guards: Install appropriate safety guards on the CNC lathe machine to protect workers from potential impact injuries caused by flying debris or loose components.	1L	
			- Develop an inspection routine: Regularly inspect and maintain the CNC lathe, ensuring that all safety features are functional and effective in reducing hazards associated with material loading.		
			- Implement a buddy system: Encourage employees to work in pairs or teams while loading materials, assisting each other in managing heavy loads to reduce the risk of strain or injury.		
			- Follow weight restrictions: Clearly communicate maximum weight limits for manual lifting and adhere to these guidelines to protect workers from overexertion injuries.		
			- Utilise personal protective equipment (PPE): Provide workers with necessary PPE such as safety gloves, steel-toed footwear, and safety glasses to protect against potential impacts or manual handling injuries during material loading.		



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			- Implement safety signage: Display safety signage around the CNC lathe work area, informing workers of potential hazards and reminding them to follow safety protocols during material loading.		
			- Adopt safe posture practices: Train workers to vaintain a neutral spine and use their legs, rather than their back, when lifting Leavy materials to help prevent strains and other manual handling injuries.		
			- Encourage regular breaks: Allow adequate remode between tasks involving material loading to minimise fortigue and promote verall works affety and well-being.		
4. Programming	Electrocution, Soft are m	2M		1L	



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5. Machining Process	Noise exposure, Flying debris	ЗН		2M	



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6. Checking Dimensions	Eye strain, Repetitive strain injury	2M		1L	



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7. Lubrication & Coolant Replacement	Chemical exposure, Slips	2M		1L	



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	5				
8. Part Unloading	Manual handling, Impact injury	2M		1L	



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				NO.	



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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. Tool Change	Sharp edges, Pinch points	3H		1L	



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10. Machine Cleaning	Exposure to hazard an inaterals, Slips	,,vI		1L	



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11. Routine Maintenance	Mechanical failure accontrolled energy release	ЗН		2M	



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12. Shutdown	Entanglement, Unit pected equipment activation	3H		1L	



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	6				



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/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/legislati

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 201

Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/wo_place-

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

South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (SA)

Legislation for SA: https://www.safework.sa.gov.au/resources/le_lation

Codes of Practice for SA: https://www.safework.sa.gov.au/wor 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 Infety gulations 2017

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

<u>qulat.</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: https://www.commerce.wa.gov.au/worksafe/legislation

Codes of Practice WA: https://www.commerce.wa.gov.au/worksafe/codes-practice

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.

Worker Name	Pos	sition	Signature	Date	Time	Supe	ervisor
				Date:			
				Date			
				L te:			
			AV	Date:			
				Date:			
				Date:			
				Date:			
		SAF WC A	STATEMENT	MONITORING AND R	EVIEW		
The SWMS must be reviewer revised if necessary) if releval consultation with workers (inc of the SWMS and their health workplace. When the SWMS has been readvised that a revision has be who will need to change a wo a way that will enable them to will be involved in the work methem to understand and imple	nt control measu- luding contractors and sub- and safety representatives evised the PCBU must ensi- even made and how they cal rk procedure or system as implement their duties cor ust be provided with the rel	contract s) who may be a s who re esented that wor are that all persons involve a access the revised SWM a result of the revised SWM as isstently with the revised SWM.	should be carried out in ffected by the operation rk group at the d with the work are S, including all persons advised of the changes in SWMS. All workers that	effective in reducing the person responsible for memploy a multi-faceted a 1. Spot Checks. 2. Consultation v. 3. Internal audits An approach of continuo followed up by immediate	nitored regularly for the exist of incidents, keeping the onitoring the effectiveness peroach which includes but with workers, contractors at on a continual basis. The improvement, promptly be corrective action and contently developing ever-improvement.	ne workplace safe for all of the Safe Work Method is not limited to: and sub-contractors. recording inconsistencies sultation with all relevan	personnel. The od Statement should statement should so or deficiencies, at personnel ensures
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	