

Centreless Grinder	SAFE WORK METHOD S	TATEMENT (SWMS)	
TA	SK OR ACTIVITY: Centreless Gri	nder	
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 conductive proposed work starts.	cting a business or undertaking (N BU) 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	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. 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
Safety meetings or toolbox talks will be sched ed in accordance with egislative requirements to first identify any site hazards, conduct or unica those hazards and then to further take steps to either chare or contained whazard.	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must successful to mately. 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.			
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CLIENT OR PRINCIPAL CONTRACTOR DETAILS											
Client:					SCOPE OF WORKS						
Project Name:					Provide a detailed description of the specific work being carried out (otherwis						
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	Incorrect PPE, Slipping hazards	ZM	 Conduct a comprehensive risk assessment before starting the grinding process to identify potential hazards and determine the required PE for workers. Ensure all workers receive proper training on usessary safety precautions, procedures, and equipment operation before well begin working with the centreless grinder. Ask workers to wear appropriate PPE, include the vective gloves, safety glasses or face shields, earplugs or earmuffs, and sturdy tark shoes with slip-resistant soles. Provide anti-slip processing on earmuffs, and sturdy tark shoes with slip-resistant soles. Provide anti-slip processing on the centreless grinder eminimise slipping hazards caused by spiller quids, but, or enris. Maintain a wan and well reganises orkenese to prevent clutter, reducing potential tripping hazards during the potential tripping hazards used for any signs of malfun conclusions within easy reach of the operator, allowing them to shelly solve at the reduction of the operator, allowing them to shelly solve of the machine if needed. Use the private guards on the centreless grinder to protect users from flying arks, much clips, and other debris. Utilise adequate ventilation systems to maintain proper air quality and keep smoke, dust, and other airborne particles to a minimum in the workstation. Develop a clear and concise communication system between workers to share critical safety information, ensuring everyone is aware of potential hazards and ongoing tasks in the area. Encourage workers to take regular breaks and rotate tasks to avoid repetitive motion injuries, excessive exposure to noise or vibration, and fatigue-related accidents. Establish a culture of safety in the workplace by encouraging workers to report hazards and holding periodic safety meetings to discuss potential improvements to the work environment. 	1L	
2. Pre-operation Inspection	Electrical hazards, Loose components	2M	- Ensure all workers operating and working around the Centreless Grinder have attended proper training on machine operation, maintenance procedures, and relevant Workplace Health and Safety regulations.	1L	



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			- Inspect the power supply cables, connectors, and switchboards regularly for any visible damage or wear that could pose a risk of electrical hazards.		
			- Check to ensure that appropriate circuit breakers and other electrical safety equipment are in place and operational to minimum e the risk of electrical shock during the pre-operation inspection.		
			- Clearly label and display instructions for wours defining precautions they must take while carrying out inspections near powel in curpment, as well as emergency shut-off procedures.		
			- Use lockout/tagout procedure o prevent accident strong of the machine while a worker is conductive one-orientation inspection.		
			- Regularly increase and tigs on all boos, fasteners and other components to minimise the k of loose rots position data into operators and bystanders during pre-operation to cks.		
			- Kee to work a cuean and free from debris, clutter, and unnecessary equipted at may use a tripping hazard or restrict access or egress from the immediate to bity of Centreless Grinder during the inspection process.		
			Ensure nat a corkers are provided with appropriate personal protective composition (PPE, such as safety glasses, gloves, and steel-toed boots, during the pre-core on inspection process.		
			Communicate inspection results and any identified issues with the appropriate personnel swiftly and ensure appropriate actions are taken to rectify issues before commencing operation.		
			- Develop and continuously improve standard operating procedures (SOPs) for pre- operation inspection to ensure best practices are followed by every worker.		
	G		 Conduct weekly toolbox talks ahead of shift starts to discuss safety topics and remind teams of essential safety measures specific to the pre-operation inspection process. 		
			- Encourage workers to participate in health and safety initiatives and reward the reporting of potential hazards, near-misses or observed unsafe behaviours.		
			 Carry out regular safety audits of the work environment, focusing on potential hazards and control measures for pre-operation inspection. Rectify any identified deficiencies during the audit process. 		
			- Review and update risk assessments for the Centreless Grinder and its pre- operation inspection process regularly to ensure that risks are mitigated and managed effectively at all times.		
3. Grinding Wheel	Wheel shattering, Improper wheel	ЗН	 Ensure that only qualified and trained personnel are allowed to perform grinding wheel installation tasks. 	2M	
Installation	installation		- Conduct proper inspection of the grinding wheel before installation, checking for any cracks or defects that may cause shattering while in use.		



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			- Verify that the grinding wheel complies with the manufacturer's specifications and suitable for the specific centreless grinder.		
			- Maintain and clean the centreless grinder regulating ensuring that there is no debris that can interfere with the wheel installation process.		
			- Use the appropriate tools and equipment then installing the grinding wheel, including the right-sized wrenches and flang.		
			- Inspect the mounting surfaces of the wheel for a damage or trear, which could lead to improper seating or souring of the wheel tring instruction.		
			- Make sure the grinding wheely securely fastened to be centreless grinder using the appropriate of the manufacturer's guideline.		
			- Ensure the section of the issualled heel is compatible with the rotation of the grinder's spin. minimisi othe risk of a contral dislodgement.		
			- Impound a month of y "no-load" test run after installing the grinding wheel, verify the verify of the verify and without vibrations or wobbles.		
			- Install afe quards of shields to prevent debris from the grinding process from causing, arm, nearb, orkers.		
			- selement an exergency stop system on the centreless grinder, allowing immunity shutdown in case of issues during operation.		
			Provide necessary personal protective equipment (PPE) to workers, including survey goggles, face masks, gloves, and earplugs, to minimise exposure to hazards.		
			Establish a regular schedule for grinding wheel replacement to prevent using excessively worn or damaged wheels, reducing the risk of shattering.		
			- Conduct routine safety training and briefings for all operators, emphasising the importance of proper wheel installation and adherence to safe operating procedures.		
4. Machine Start-Up	Unexpected movement, Caught in moving parts	ЗH		1L	



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5. Material Alignment	Pinch point hazards, Strain injuries	ЗН		2M	

Version 2.5

Date of Issue:



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6. Grinding Material	Flying debris, Excessive noise	2M		1L	



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7. Coolant Application	Thermal burns, Skin irritations	2M		1L	

Version 2.5

Date of Issue:



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	S				
8. Material Support Adjustment	Trapping hazard, Misalignment-related incidents	2M		1L	



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9. Quality Check	Repeated strain injury, Eye hazard due to inspection process	2M		1L	

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10. Material Removal	Pinch point hazards, Cutting hazards	3		2M	



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11. Grinding Wheel Change	Abrasive wheel breakage, Incorrect handling			1L	



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12. Shut Down and Clean-Up	Electrical hazards, Trapping hazards	21/1		1L	



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	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	Victoria Orchipational Health and Safety Action 04 Occupational Health and Safety Action 04 Legis from VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- fulations</u> Codes of contractice VIC <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 2011 Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/wd_place-serv-laws Codes of Practice NT: https://worksafe.nt.gov.au/laws-and-compliance/wd_place-serv-laws Codes of Practice NT: https://worksafe.nt.gov.au/laws-and-compliance/wd_place-serv-laws	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: https://www.safework.sa.gov.au/resources/legislation Codes of Practice for SA: https://www.safework.sa.gov.au/work_saces/codes-of-practice#COPs	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:		
			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	