Cylindrical Grinder	r   SAFE WORK METHOD S	TATEMENT (SWMS)	
ТА	SK OR ACTIVITY: Cylindrical Gri	nder	
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 PL OF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conductive proposed work starts.	icting a business or undertaking (I 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]         Contact Person:       Phone: [Phone]       E.ail:         ILLIS SAFE WORK METHOD STATEMENT IS APPROVED BY THE PLO OF THE PROJECT         Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (N-RU) is required to source at a safe work method statement (SWMS) is prepared before the proposed work starts.         Full Name:			
Full Name:		Title:	Phone:
			EEN CONSULTED AND
requirements to first identify any site hazards, conduction unical those	NAME	SIGNATURE	DATE
on the severity of the incident, a meeting will be called with all workers to amend			
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.			



		С	LIENT OR PRINCIPAL	CONTRACTOR DE	TAILS			
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 supp	olied to Project Manag	er:						
		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	Slips, trips, and falls, PPE inadequacy	2M	<ul> <li>Ensure the workspace is tidy and free of clutter, cables, or any other obstacles that might cause slips, trips, or falls.</li> <li>Conduct a risk assessment before starting the usk to identify potential hazards and implement appropriate control measures.</li> <li>Clearly mark any areas where there may been increased risk of slips, trips or falls, such as wet surfaces or uneven flooring.</li> <li>Provide appropriate Person Protective Equipment (PPE) studding safety footwear with slip-resistant som safety glasses, gin as or nearing protection, and ensure all workers a manuel of the proper use and neutrenance.</li> <li>Make sure activate light is available in the orkspace, allowing workers to clearly see the surrounding and identify beards.</li> <li>Train or kers is how safely move hydry or awkward objects, such as a grinder, using mean manuel andling techniques to avoid straining or overexettion.</li> <li>Utilist ann stigue, its or non-slip floor coverings in areas where workers will be standing for unendeous roots to reduce foot fatigue and enhance overall stability.</li> <li>Inplement how keeping procedures to maintain cleanliness and orderliness in the wornad, promyny addressing any hazards such as spills or debris that could contribute slips, trips, or falls.</li> <li>Regularly inspect and maintain the cylindrical grinder, ensuring that all required safety features, such as emergency stops or guards, are present and functioning correctly.</li> <li>Encourage a safety culture amongst workers by promoting open communication about workplace hazards, providing ongoing training, and recognizing those who demonstrate safe work practices.</li> <li>Monitor and evaluate the effectiveness of implemented control measures regularly, making adjustments as needed to ensure ongoing improvement in eliminating risks associated with slips, trips, and falls, and PPE inadequacy.</li> </ul>	1L	
2. Machine Inspection	Electrical hazards, Inadequate guarding	ЗН	<ul> <li>Regular maintenance and inspection: Schedule and conduct regular maintenance and inspection of the cylindrical grinder to identify any potential electrical hazards or damaged guarding.</li> <li>Insulation and grounding: Ensure proper insulation and grounding of electrical connections, plugs, and sockets to prevent electric shocks and short circuits.</li> <li>Proper machine installation: Install the cylindrical grinder in accordance with manufacturer guidelines so that it is secure and stable, minimising the risk of vibration or movement affecting the integrity of the guarding.</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
			<ul> <li>Adequate guarding: Ensure all moving parts, including the grinding wheel and other rotating components, are adequately guarded according to the manufacturer's recommendations and local safety regulations.</li> <li>Interlocking mechanisms: Install interlocking encess for the guarding, preventing the machine from starting if the guards are encorrectly in place.</li> <li>Emergency Stop button: Fit an easily access the anti-early marked Emergency Stop button on the machine, allowing operator, encedy shut it down in case of any unforeseen issues or hazards.</li> <li>Lockout/Tagout procedures: thelement a lockout/neouter ocedure to ensure the machine is isolated for the potential electrical hazards.</li> <li>Staff training Provide onrong trainer for onron the proper use and maintenance of the rolindric prinder exphasising the machine of inspecting and servicing the machine egulan.</li> <li>Perst all rotective Equipment (PPE): Mandate the use of appropriate PPE for worker maining on errating the machine, such as safety glasses, gloves, and hearing rotection.</li> <li>On precondent safety devices: Consider installing non-contact safety devices like light curve no presence-sensing safety devices to detect if someone enters the azardo one around the machine and immediately stop its operation.</li> <li>Neident reporting: Encourage employees to promptly report any instances where guarding is found to be inadequate or compromised, or any other safety concerns, so that corrective measures can be taken immediately.</li> </ul>		
3. Clamping Workpiece	Entanglement, Collision with moving parts	ЗН	<ul> <li>Proper Training: Ensure that all operators working with the cylindrical grinder receive comprehensive training, covering the safe clamping technique, machine operation and potential hazards related to entanglement or collision.</li> <li>Clear Communication: Establish clear communication protocols between machine operators, coworkers, and supervisors in the work area to avoid misunderstandings that could lead to accidents.</li> <li>Pre-start Inspection: Conduct a thorough pre-start inspection of the cylindrical grinder and the workpiece before beginning any operations, ensuring all parts are in proper working condition.</li> <li>Remove Loose items: Make sure workers remove any loose clothing, jewellery, or accessories which may get entangled with the moving part of the cylindrical grinder during the clamping process.</li> <li>Use Proper PPE: Provide and mandate the use of appropriate Personal Protective Equipment (PPE) such as gloves, eye protection, and safety footwear for workers handling the clamping process.</li> <li>Guarding: Make certain all guards are installed correctly and secure around hazardous moving parts to prevent collisions or accidental contact.</li> </ul>	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
			- Implement Safe Work Procedures: Develop written safe work procedures detailing the correct way to securely clamp workpieces without risking entanglement or collision with moving parts.		
			- Regular Maintenance & Inspection: Schedule and a maintenance and inspections on the cylindrical grinder to ensure clamps of a other machinery components are in good working condition.		
			<ul> <li>Limit Access to Authorised Personnel Only: Non-access around the cylindrical grinder to only those individuals who have been a fined and arounthorised to operate the machine, reducin the risk of accident, aused a unauthorised personnel.</li> <li>Shutdown Processore: Establish a rocedure for chutting down the grinder in the event of an energency to prevent inclents increase entanglement or contact with maximum parts.</li> </ul>		
			<ul> <li>moving parts.</li> <li>Signers Displement of the undrical grinder, including warnings about potential entang into its and to lisions.</li> <li>Period Auce and Reviews: Organise regular audit and review of equipment, nocedul s, and employee compliance to ensure best practices are being followed an obstit, itential, azards are adequately addressed.</li> </ul>		
	S				
4. Wheel Dressing	Wheel breakage, Sparks, flying debris	ЗН		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
5. Setting Grinding Parameters	Unexpected machine state Incorre- settings	2М		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
6. Grinding Operation	Noise, Vibration, Heat generation	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
7. Clean & Cool Workpiece	Contact with hot surfaces, Chemical burn from coolant	2M		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
8. Unclamping Workpiece	Dropped objects, Sharp edges	2M		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
9. Quality Inspection	Eye strain, Hand-arm vibration syndrome	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
10. Machine Cleaning	Exposure to dust, Respiratory irritants	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
11. Maintenance	Incorrect tool use, Lockout/tagout failure	ЗН		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. Waste Disposal	Exposure to hazardous substances, Heavy lifting	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
		RISK		RISK	

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 F	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: <a href="https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws">https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws</a> Codes of Practice QLD: <a href="https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice">https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</a> Legislation ACT: <a href="https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice">https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</a> Codes of Practice ACT: <a href="https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice">https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</a> Codes of Practice ACT: <a href="https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice">https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</a>	Victoria Octupational Health an Safety Acta 04 Octupational Health and onfety regulations 2017 Legistron VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulatupes</u> Codes of mactice 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: <u>https://www.safework.nsw.gov.au/legal-obligations/legislations/legis</u>	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/f	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: <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 revised if necessary) if relevant control measure are subcontract of the SWMS and their health and safety representatives who reworkplace.

ke sure it remains effective and must be reviewed (and acception of the process should be carried out in s any subcontract s) who may be affected by the operation esentatives who recented 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 SWh			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effectine sections.			
Responsible person is assigned and listed on the SWMS for the impement of continue measures.			
Permit requirements specified, such as Hot Work, Electrical Work, Vortat Heights etc.			
SWMS identifies plant and equipment to be up t.			
Details of inspection checks required for any equipment listed at 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.			
Identifies any hazardous substances used with specific control measures in line with any SDS.			
			·
REVIEWED BY	DATE RI	EVIEWED	
SIGNATURE	DATE CO	MPLETED	