

Valve Grinder   SAFE WORK METHOD STATEMENT (SWMS)								
	TASK OR ACTIVITY: Valve Grinde	er						
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 (I BU) is	required to ture at a safe work method s	statement (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	LL RELEVANT PERSONNEL WHO HAVE B	EEN CONSULTED AND					
Safety meetings or toolbox talks will be sched ed in accordance with egislative requirements to first identify any site hazards, conditioned unical those hazards and then to further take steps to either condition conditions and hazard.	NAME	SIGNATURE	DATE					
If an incident or a near miss occurs, all work must structure 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:							k being carried out (otherwise					
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	Slips, trips and falls, Manual handling injuries	2М	<ul> <li>Conduct a thorough inspection of the working area to identify and remove any potential trip hazards, such as loose cables or debriation the floor.</li> <li>Implement a clear housekeeping policy, ensuring that all tools and equipment are organised and stored in designated areas aroun not in use.</li> <li>Clearly mark wet or slippery surfaces with woning areas, and clean up spills immediately to reduce the risk of slips.</li> <li>Provide workers with approximate non-slip footwork suitable or the specific working environment.</li> <li>Ensure adequate to non-slip footwork suitable or the specific workers to identify potentiar hazard.</li> <li>Establish designed wate available in the workspace, making it easier for workers to identify potentiar hazard.</li> <li>Trainet oyees to proper manual handling techniques, including correct lifting, carrying all lowering methods.</li> <li>Provide workers with the propriate lifting equipment, such as trolleys or hoists, to sist with heav or awkward loads.</li> <li>Ensurate team lifting, where necessary, to help reduce the risk of injury during annual work ing tasks.</li> <li>Offer ergonomic assessments and advice on workstation setup, including chair height and positioning, to minimise strain on the body during the preparation phase.</li> <li>Rotate tasks among workers to prevent repetitive stress injuries and allow for periods of rest and recovery.</li> <li>Provide workers with regular breaks and encourage stretching exercises to minimise muscle strain and fatigue during preparation tasks.</li> </ul>	1L	
2. Equipment Inspection	Electric shock, Faulty equipment	ЗН	<ul> <li>Ensure all equipment is inspected and tested in compliance with Australian Electrical Standards by a licensed electrician before use.</li> <li>Establish a periodic inspection schedule for electrical equipment, including valve grinders, and document the results of each inspection.</li> <li>Implement a tagging system to clearly show the inspection and testing dates and status of each piece of equipment.</li> <li>Provide training and instruction for workers responsible for operating and maintaining valve grinding equipment on how to identify potential electrical hazards and faults.</li> <li>Develop and implement a lockout/tagout procedure to prevent accidental energising of faulty equipment during inspection or repairs.</li> </ul>	1L	



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			- Use appropriate personal protective equipment (PPE), such as insulated gloves and safety glasses, while inspecting and handling grinding equipment.		
			- Promote proper storage practices for valve grinding equipment, including disconnecting the power source and coiling control prevent accidental damage and electrical shocks.		
			- Encourage workers to report any incidents onear noises involving electrical hazards during equipment inspections, and provide reporting system for workers to communicate these concerns		
			- Conduct regular toolbox talks emphasise the in the of equipment inspections and raise renes. Common electrics azards.		
			- Implement a contenance and repletement proclamme for any damaged or worn- out electrical imponents, ch as conis, price, and switches, to minimise the risk of equirment is the read octric shock		
			- Development of the provided and the pr		
			- Displa, clea, varning rights and labels on valve grinding equipment, outlining electrica, haza, varnings and guidelines for safe operation.		
	1		- Keylan, review, and update the Safe Work Method Statement (SWMS) for valve prinding ovities to include evidence-based strategies for identifying and controlling ectrical wazards during equipment inspections.		
	G	зн	Providing appropriate personal protective equipment (PPE) such as safety gloves, eye protection, and dust masks to minimise exposure to airborne contaminants and flying debris when removing valves.		
			- Ensuring all workers involved in valve removal are adequately trained in proper handling techniques, lifting methods, and the use of tools and equipment to prevent crush injuries and other accidents.		
	Crush injury, Airborne contaminants, Noise exposure		- Using appropriate mechanical aids like trolleys or hoists whenever possible during valve removal process to minimise the risk of manual handling injuries and crush injuries.	2M	
	Noise exposure		- Conducting regular equipment inspections to make sure all tools and machinery used for valve removal are in good working condition, maintained properly, and free from defects that may pose a risk to workers.		
			- Implementing exclusion zones around the work area to keep unauthorised personnel at a safe distance during the valve removal process, thus reducing their risk of injury.		
			- Maintaining proper communication between team members during valve removal tasks to ensure everyone is aware of each other's movements and can help avoid any potential hazards or incidents.		



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			- Implementing appropriate noise control measures such as enforcing mandatory use of hearing protection, scheduling noisy tasks for times with reduced worker presence, and using noise barriers or acoustic curtain where applicable.		
			- Ensuring sufficient ventilation and air flow in the work area to minimise worker exposure to airborne contaminants, as well a conducting regular air quality monitoring to identify and address any conclusions.		
			- Encouraging workers to report any health or succoncerns they may have during the valve removal process, so that these can be dressed providly and effectively.		
			- Performing regular risk assessments as part of the Whole view process to identify new or evolving stards, lated to valve remuce and implementing additional control seasure to she to d to ensure worker safety.		
4. Cleaning Valves	Chemical exposure, Slips, trips and us	2М		1L	



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5. Adjusting Grinder	Pinch points, Noise experimentative strain injury	ЗН		2М	



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6. Grinding OperatIon	Ergonomic issues, Noise exposure, Eye injury	ЗН		1L	



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7. Quality Control Inspection	Eye strain, Trip hazards	2M		1L	

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8. Assembling & Lubrication	Contact with chemicals, Slippery floor	2М		1L	



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9. Valve Installation	Manual handling injuries, Crush injury	ЗН		2M	



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10. Testing	Pressurised system failure, Hot surfaces	ЗH		1L	



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11. Post-Operation Cleanup	Trips and falls, Chemical spills	2M		1L	



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12. Maintenance	Electrical hazards, Entrapment, Dust inhalation	ЗН		1L	



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	S				

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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 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 Occupational Health au Safety Act wold Occupational Health and orfety regulations 2017 Legis non VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- rulations</u> ordes of mactice VIC <u>autps://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: <a href="https://www.safework.nsw.gov.au/legal-obligations/legislati-codes">https://www.safework.nsw.gov.au/legal-obligations/legislati-codes</a> rach         Codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/legal-obligations/legislati-codes</a> rach	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/weigelace-serve-laws Codes of Practice NT: https://worksafe.nt.gov.au/laws-and-compliance/weigelace-serve-laws Codes of Practice NT: https://worksafe.nt.gov.au/laws-and-compliance/weigelace-serve-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: <u>https://www.safework.sa.gov.au/resources/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_aces/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/acts-and-regulations">https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations</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 - Any required documents.	<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>					



#### 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 COMPLETED		