

Beam Saw S/	AFE WORK METHOD STAT	EMENT (SWMS)	
	TASK OR ACTIVITY: Beam Saw	1	
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E. pil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PL OF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conducte proposed work starts.	ucting a business or undertaking (N_BU) is	required to sure 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 a	compliance f th. 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 CC. MUNICATED TO IN THE DEVELO	ALL RELEVANT PERSONNEL WHO HAVE B DPMENT 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 inical those hazards and then to further take steps to either course or contract hazard.	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must study 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 HIGH-RISK CON PUCT N/ JRK BEING CARRIED 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 o	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 set-up, Operator fatigue or inexperience	2М	 Proper training: Ensure all operators receive adequate training and demonstrate competency in handling and setting up the beam saturior to use. Regular breaks: Implement scheduled breakens operators to reduce fatigue and maintain focus throughout their work shift. Clear instructions: Clearly label and provide rep-byte op instructions for proper set-up procedures that are easily accessible to the erators. Pre-start checks: Conduct through pre-start charts on the near saw equipment before each use, ensuring it is usafe working condim. Ergonomic designations of the work station and equipment setup conforms to ergonomic state ands to muchise publical strained fatigue on the operator. Standard op uting procedures (SON of the wellop and enforce comprehensive SOP usated to be used the beam saw, including guidance on correct set-up and troubles obting the game saw safely and efficiently. Guipment main enance: Maintain the beam saw regularly according to main fact her recommendations or regulatory requirements to ensure its safety and function. Personal protective equipment (PPE): Ensure operators wear appropriate PPE, such as safety glasses, gloves, and hearing protection, in line with workplace health and safety guidelines. Risk assessment: Conduct regular risk assessments of the work area and activities, identifying and implementing appropriate controls to minimise potential hazards associated with incorrect set-up, operator fatigue, or inexperience. 	1L	
2. Operating Controls	Inadequate training, Electrical hazards	ЗН	 Ensure all operators undergo comprehensive training on beam saw operation, specifically addressing the proper use of controls to minimise any risks associated with inadequate training. Conduct regular refresher courses and toolbox talks for the workforce to maintain familiarity with the operation of the beam saw equipment and its associated controls. Display clear instructional signage around the work area highlighting the correct operation procedures and potential risks associated with the equipment. Implement a buddy system where experienced operators can mentor new or untrained workers, facilitating the hands-on understanding of safely operating controls. Undertake routine inspections of the beam saw's electrical components, including cords, cables, switches, and lead connections to identify any potential hazards and ensure compliance with Australian safety standards. 	1L	



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			 Utilise residual-current devices (RCDs) to protect against any electrical faults arising from improper operation or damage to the beam saw equipment during usage. Enforce a strict lockout/tagout procedure to issue electrical supply when performing maintenance, cleaning, or trouble nooting to avoid accidental activation of the beam saw and exposure to live electrol parts. Provide employees with appropriate personal on etw equipment (PPE) such as insulated gloves, non-conductive footwear, and viety eyewear then operating or servicing the beam saw machinery. Establish a safe and the work acce corridor free transition performing emergency situations. Mainten an unto-date or engency release plan for addressing incidents related to inact the transform electrical hazards, including emergency contact numbers and not the obspite. Fostera working encomment that encourages open communication and reporting of any price thazard inadequacies in training, or equipment concerns promptly the site super for or health and safety representative. Regular review and update Safe Work Method Statements (SWMS) for operating eam set ophytos, taking into account new technologies, additional training needs, revised safety regulations to ensure the most appropriate control measures are in plote. 		
3. Cutting Material	Kickback, Flying debris	ЗН	 Properly maintain the beam saw: Regular inspection and maintenance of the beam saw will ensure that it remains in good working condition, reducing the risk of kickback and flying debris. Operator training: Properly train all employees who operate the beam saw to ensure they understand how to safely cut material without causing hazards. Use appropriate safety equipment: Equip operators with suitable personal protective equipment (PPE), such as safety glasses, hearing protection, and gloves, to reduce the risk of injury from kickback or flying debris. Install guards: Make sure the beam saw is fitted with appropriate guards to prevent direct contact with the blade and deflect any flying debris away from users. Secure materials: Prior to cutting, properly secure the materials being cut to avoid unexpected movements that could lead to kickback or flying debris. Keep the work area clean: Regularly remove offcuts, dust, and other debris from the work area, which can contribute to kickback and flying debris hazards. Clear communication: Establish clear communication among workers in the vicinity of the beam saw operation to ensure awareness of potential hazards and actions to be taken if a hazard arises. 	2M	



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			- Follow cutting procedure: Operators must adhere to the recommended cutting procedure for each specific material, minimising the chances of kickback and flying debris.		
			- Adjust the saw speed: Ensure that the correct we blade speed is used for each type of material, as incorrect speeds can include the risk of kickback or flying debris.		
			- Utilise appropriate saw blades: Use only many ever-recommended saw blades for the specific materials being cut to minimise the sisk of kickber and flying debris.		
			- Implement safety controls: C, te an accessible e or only stop button/function, preventing the machine operation when triggered, e oping operators to quickly shut down the second case if any coard.		
4. Blade changing	Risk of injury, Blade broakage	ЗН		1L	

Version 2.5



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5. Safety Devices	Malfunctioning devices, Inadequate guarding	ЗН		2М	

Version 2.5



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6. Emergency Stop	Delayed response, Power failure	4A		2М	

Version 2.5

Date of Issue:



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7. Dust Extraction	Exposure to harmful particit oure hazard	2М		1L	

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8. Noise Control	Hearing damage, Excessive noise levels	2M		1L	



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9. Maintenance	Electrocution, Equipment malfunction	ЗН		1L	



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JOB STEP SPECIFIC WORK STEPS	POTENTIAL HAZARDS HAZARDS THAT MAY ARISE	IR INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK	PERSON NAME OF PERSON
	C				
10. Manual Handling	Sprains and strains, Incorrect lifting techniques	2М		1L	



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11. Housekeeping	Slips, trips and falls, Obstructed walkways	2М		1L	



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12. PPE	Improper use, Inadequate protection	2М		1L	



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13. Work Area Inspection	Poorly lit work area, Unidentified hazards	2M		1L	

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	G				
14. Lockout/Tag-out	Unexpected start-up, Uncuthorise access	4A		2M	



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15. Disposal of Waste	Waste build-up, Fire wazards	2M		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.

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	REFERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEG	SISLATIVE 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: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws</u> Codes of Practice QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</u> Legislation ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Occupational Health and Safety Action 4 Occupational Health and Safety Action 4 Occupational Health and Safety Sullations 2017 Legis from VIC: https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gular S Colles on mactice VIC attps://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice
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</u> Codes of Practice NSW: <u>https://www.safework.nsw.gov.au/resource-library/lis</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 2011 Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/worplace-serve-laws Codes of Practice NT: https://worksafe.nt.gov.au/f	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/legulation Codes of Practice for SA: https://www.safework.sa.gov.au/work_aces/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
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	 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
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 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 area of the process should be carried out in s and subcontract s) who may be affected by the operation esentatives 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 impement of continue measures.			
Permit requirements specified, such as Hot Wren Electrical Work, Versat Heights etc.			
SWMS identifies plant and equipment to be up.			
Details of inspection checks required for any equipment listed ar noted 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	