

Electrical Safety SAFE WORK METHOD STATEMENT (SWMS)								
Т	ASK OR ACTIVITY: Electrical Saf	ety						
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.	cting a business or undertaking (k BU) is	required to thurs out a safe work method s	statement (SWMS) is prepared before					
Full Name:								
Signature:		Title:	Date:					
the proposed work starts. Full Name: Signature: Date: Signature: Title: Date: Details of the person(s) responsible for ensuring implementation, monitoring and compliance of the SWMS well as reviews and modifications of the SWMS. Title: Phone: Full Name: Title: Phone: No. 'E AND DATED SIGNATURE OF ALL RELEVANT PERSONNEL WHO HAVE BEEN CONSULTED AND APPROVAL OF THIS SWMS. Date:								
Full Name:		Title:	Phone:					
	N. 1E AND DATED SIGNATURE OF A CO. MUNICATED TO IN THE DEVELO	ALL 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 unical those hazards and then to further take steps to either conduct or contained are hazard.	NAME	SIGNATURE	DATE					
If an incident or a near miss occurs, all work must successful 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.								



		C	LIENT OR PRINCIPAL	CONTRACTOR DE	TAILS				
Client:					SCOPE OF WORKS				
Project Name:					Provide a detailed description of the specific work being carried out (otherwi				
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	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	Trip hazards, Electrocution risk	2М	 Conduct a thorough site inspection prior to commencing work to identify potential trip hazards and electrical risks. Ensure that all workers are aware of the identified hazards and provided with proper training on electrical safety practice encluding emergency response procedures. Mark and communicate any identified hazard is on a sexposed cables or equipment, using warning signs or barrier tape. Keep walkways, working area and access route, is an donnecessary items or equipment, including encoded cause and tools, to minute the risk of tripping. Clearly label confectrical nuipme and circuit neakers to facilitate identification and prevent widental concil or at a unif. Usenon-conditive merifals for ladous, tools, and other equipment to reduce the risk or undental in occution. Reguing the propert prior of an experiment of equipment to reduce the risk or undental in occution. Reguing the properties are appropriately rated and installed for the corresponding and replace in minuticately if needed to avoid possible electrocution hazards. Maintain an appropriate distance from overhead power lines and take measures to ensure that tools, equipment, and machinery do not come into contact with them. Use Ground Fault Circuit Interrupters (GFCIs) on all temporary electrical circuits to monitor the flow of electricity and shut off power if an imbalance is detected. Encourage a "safety-first" culture where workers feel comfortable reporting hazards or unsafe conditions without fear of repercussions, helping to maintain a safe workers from potential electrical hazards. Provide personal protective equipment (PPE) such as insulated gloves, boots, and safety eyewear to protect workers from potential electrical hazards. Schedule regular toolbox talks and refresher training sessions to ensure workers stay updated on best practices for electrical safety and to reinforce the importance of adhering to workplace health a	1L	
2. Inspection	Electrical shock, Faulty equipment	ЗН	 Conduct regular inspections of all electrical equipment, tools, and machinery to ensure they are in good working condition. Make sure that a qualified electrician performs any necessary repairs or maintenance on electrical equipment and systems. Provide workers with appropriate personal protective equipment (PPE) such as insulated gloves and safety goggles to minimise the risk of electrical shock. 	1L	



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			- Implement a system for tagging and isolating faulty equipment, ensuring that they are taken out of service until repaired or replaced.		
			- Implement a clear lockout/tagout (LOTO) procedure to ensure that any machinery or equipment under inspection is properly power a down and locked out before work begins.		
			- Provide proper training to employees on ela vical straty, including the proper use of equipment and the dangers associated with the use around electricity.		
			- Utilise Ground Fault Circuit cherrupters (GFCIs) all electron outlets to prevent potential shocks from occurring use to grounded fault		
			- Encourage work and the second state of the s		
			- Regularly teacond mainten fire extinuing as and other firefighting equipment to be prepared in case of an extrical fire.		
			- Enstere t adeque eventilation is in place, particularly in enclosed spaces, to preven the wildup pazardous gases, vapors, or dust that may cause electrical hazards		
			Keep en ctrical manels and power sources clear of any debris or obstructions, man minimum at least 1 meter of clearance around them.		
			Estable safe workspace by using barriers, warning signs, or cordoning off the a where electrical work is being performed.		
			- Use only double-insulated tools and extension cords, ensuring that they are appropriately rated for the intended use.		
	5		- Instruct workers to always use one hand when operating switches or plugging/unplugging equipment, so as to minimise the risk of completing an electrical circuit with their body.		
			 Regular inspection: Conduct a thorough inspection of all electrical tools and equipment prior to use, ensuring there are no damaged or frayed cords. 		
			 Repair and replacement: Repair or replace any tools with damaged cords or exposed electrical components immediately, and remove them from service until they are safe to use. 		
3. Tool setup	Ratting or damaged cords, Exposed electrical components	ЗН	- Safety training: Provide regular training for employees on proper tool setup, usage, and storage procedures to minimise the risk of electrical hazards.	2M	
			- Use of Ground Fault Circuit Interrupters (GFCIs): Plug all electrical tools into GFCI- protected outlets or use GFCI adapters to reduce the risk of electrocution in case of a fault.		
			- Use electrical tape: Apply electrical tape on minor cuts or abrasions on cords as a temporary solution until the cord can be replaced. However, don't rely solely on electrical tape for permanent repairs.		



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			- Proper storage: Store all electrical cords and tools in a dry, well-ventilated area away from heat, moisture, and direct sunlight, which can cause damage and degradation over time.		
			- Tagging and tracking system: Implement a targing system to keep track of inspection dates and identify tools that necesspair or replacement.		
			- Avoid overloading: Avoid plugging multiple, ver to anto a single outlet or using extension cords improperly, as this may cause the eating or other electrical hazards.		
			- Use appropriate Personal Procetive Equipment (n. 5): Source that employees wear appropriate PPT or blas in clated gloves, safe boggles, and non-conductive footwear when becausing end tricals. Is and equipment.		
			- Proper grouping: Make size that a clect muntools and their corresponding power supply fources are proper grounded a event potential electrical shock hazards.		
			- Rou chainter c. Establish a routine maintenance schedule for all electrical tools, the ing clearing, lubrication, and visual inspections, to ensure they remain in good wirking condition and minimise potential hazards.		
	G				
4. Testing circuits	Electric shock, Wrong can be connections	ЗН		1L	



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5. Installing wiring	Physical strain, Contact and Transfer	2M		1L	



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6. Labeling components	Mislabeling, Missing labels	2М		1L	



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7. Connection to outlets	Poor connections, Mismatched voltage	ЗН		2М	



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8. Check completed work	Equipment malfunction, Damaged wiring	2M		1L	

Version 2.5

Date of Issue:



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9. Energising circuits	Unprotected power source, Unsafe startup procedure			1L	



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10. Verification testing	Incorrect readings, Inadequate safety precautions	3H		RISK	



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11. Sign off and documentation	Inaccurate records, Incomplete paperwork			1L	



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12. Cleaning worksite	Slip hazards, Electrical Intends	21		1L	



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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.

	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 Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice	Victoria Octopational Health and Safety Action 04 Octopational Health and Infetty orgulations 2017 Legistron VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulaters</u> Codes of mactice VICe <u>witps://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/legislatic Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislatic	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/laws-and-compliance/workplace-serve-laws	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/work_saces/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: 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	