

Electrical Installation and Ma	intenance SAFE WORK M	ETHOD STATEMENT (SWMS	5)
TASK OR AC	TIVITY: Electrical Installation and	d Maintenance	
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 conduct the proposed work starts.	cting a business or undertaking (I 3U) 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	s 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 CO. MUNICATED TO IN THE DEVELO	LL RELEVANT PERSONNEL WHO HAVE B PMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND
Safety meetings or toolbox talks will be scheded in accordance with agislative requirements to first identify any site hazards, hazards and then to further take steps to either the condition of	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must standardly. 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.			



		CL	IENT OR PRINCIPAL	CONTRACTOR D	DETAILS		
Client:						SCOPE OF WORKS	
Project Name:				Provide a detailed description	n of the specific work being	carried out (otherwise	
Project Address:					known as cope of works).		
Project Manager:							
Contact Phone:							
Project Manager Sig	gnature:						
Date SWMS supplie	ed to Project Manager:						
		ANY HIGH	RISK CON PUCT	N' JRK BEING	CARRIED OUT		
☐ involves a risk of a p	erson falling more than 2 n	neters.		is carried out on	or near pressurised gas mains	s or piping.	
☐ is carried out on a te	lecommunication tower.		$H \cap H$	is carried out on	or near chemical, fuel or refrig	erant lines.	
☐ is carried out on a telecommunication tower. ☐ involves demolition of an element of a structure that is load-be in				is carried out on	or near energised electrical ins	stallations or services.	
☐ involves demolition of	of an element related to the	e physical integril of a str	3	is carried out in	an area that may have a conta	minated or flammable atmo	sphere.
☐ involves, or is likely t	o involve, disturbing a es	stos.		☐ involves tilt-up o	r precast concrete.		
☐ involves structural al	teration or repair that re	mporal, upp to p	prevent collapse.	is carried out on	, in or adjacent to a road, railwa	ay, shipping lane or other tr	affic corridor.
is carried out in or ne	ear a confined space.			is carried out in	an area of a workplace where t	there is any movement of po	owered mobile plant.
☐ is carried out in/near	a shaft or trench deeper th	nan 1.5m or tunnel involvir	ng use of explosives.	is carried out in	areas with artificial extremes of	f temperature.	
is carried out in or ne	ear water or other liquid tha	at involves a risk of drowning	ng.	involves diving v	vork.		
		ANY H	IGH-RISK MACHINER	RY OR EQUIPMEN	NT 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 -	





FOOT HAND **HEAD HEARING** SPIRATORY FACE HIGH-VIS **PROTECTIVE** FALL SUN HAIR/JEWELLERY CLOTHING **PROTECTION PROTECTION** PROTECTION **PROTECTION** PROTE DTECTION **PROTECTION** CLOTHING **PROTECTION PROTECTION SECURED**

Select me appropriate PPE above suitable for the equipment used or the job task being performed (if applicable).

Note: A SWMS must be reviewed regularly to make sure it remains effective. A SWMS must be reviewed (and revised if necessary) if relevant control measures are revised. The review process should be carried out in consultation with workers (including contractors and subcontractors) who may be affected by the operation of the SWMS and their health and safety representatives who represented that work group at the workplace.

When a SWMS has been revised, the person conducting a business or undertaking must ensure all:

- 1. persons involved in the work are advised that a revision has been made and how they can access the revised SWMS;
- 2. 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: and.
- 3. workers that will be involved in the work are provided with the relevant information and instruction that will assist them to understand and implement the revised SWMS.



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	Electrical shock, Trip hazards	2M	 Conduct a thorough risk assessment before commencing any work, identifying potential electrical hazards and ensuring all personal involved are informed and trained on the necessary safety precautions. Ensure all power supplies, including circuit reakers, are switched off and locked out at the main source before beginning wor to eliminate and risk of accidental electrocution. Clearly mark and isolate the designated work and to prevent cauthorised access and reduce the risk of trip hazards from cords, too core equitation. Use only well-maint and insure and tools and equipped with appropriate safety features (such as addiant arrent exices) to minimise the potential for electrical shock. Inspect and inclinating a can, organise corkplace, ensuring all walkways and access into an electrical reports. Plant die by out took tasks in a structured, logical sequence, allowing enough time and space betwee activities to avoid overcrowding the workspace and creating inneces by trip azards. Plant is plequate lighting throughout the work area to ensure all potential hazards and be and identified and avoided. Olement a robust communication system where team members can voice concerns and report hazards promptly, enabling timely intervention and corrective measures to be taken. Implement an emergency response plan, outlining team roles, equipment location, and required actions in case of an electrical accident or fire to ensure a swift, coordinated response. Conduct regular toolbox talks to reinforce workplace health and safety procedures and share learnings from incident reports or near misses, creating a proactive safety culture within the team. 	1L	
2. Cable Installation	Manual handling injuries, Falling objects	2M	 Provide proper manual handling training to workers involved in cable installations, focusing on correct lifting techniques and safe body postures to help minimise the risk of injuries. Ensure that all equipment such as ladders, scaffolding, and hoists used during cable installations are regularly inspected, maintained, and certified for use to prevent falling objects or accidents. Assign a designated spotter for ongoing cable installation work, responsible for identifying and communicating potential hazards related to falling objects or other on-site risks. 	1L	



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			 Utilise appropriate personal protective equipment (PPE) for workers involved in cable installation, including hard hats, gloves, safety glasses, and high-visibility vests, to protect against potential workplace hazards 		
			- Develop and enforce clear procedures for safe securing tools and materials at heights, using tool lanyards and storage symms, to reduce the chances of falling objects injuring workers below.		
			- Employ safe work methods during cable instance, implementing the use of mechanical aids like cable rents, drum jacks, and able pusher help reduce manual handling demands are electrose injury ris.		
			- Establish and main well-conised work envirouent, ensuring that walkways and access point remain the front pose cables pols, and other trip hazards that may contribute a accident.		
			- Encortage of a common cation amon cam members, emphasising the importage of properties any potential hazards or near misses, enabling proaches entificated and resolution of workplace risks.		
			- Cond. It is a lar too x talks and pre-start meetings, discussing the specific hazards elate to cable estallation and reinforcing the importance of adhering to tablish d con. I measures.		
			- Co. Such sly review and adjust the Safe Work Method Statement (SWMS) for able in a lation as necessary, based on changes in work conditions, emerging rards, or lessons learned from previous incidents, to ensure ongoing worker salety.		
			- Fall protection: Implement proper fall protection measures such as guardrails, safety nets, or personal fall arrest systems when working at heights above 1.5 meters to prevent workers from falling and sustaining injuries.		
			- Safe access and egress: Provide stable, nonslip work surfaces and ladders with handrails to facilitate safe access and egress to elevated work locations.		
			- Work at height training: Ensure that all workers required to work at heights have received appropriate training in fall prevention and the use of various fall protection equipment.		
3. Conduit Installation Working at heights, Physical exertion	Working at heights, Physical exertion	3H	- Anchorage points and connectors: Inspect anchorage points, connectors, snap hooks, and carabiners regularly for wear, corrosion, and deformities. Replace them if any deficiencies are identified.	2M	
			- Physical exertion management: Encourage workers to take short breaks and rotate tasks when installing conduit to prevent strain or overexertion injuries.		
			- Proper lifting techniques: Train workers on how to lift and transport heavy materials and equipment correctly to reduce the risk of musculoskeletal injuries.		
			- Personal protective equipment (PPE): Require workers to wear appropriate PPE (e.g., hard hats, safety goggles, gloves, and slip-resistant footwear) during conduit installation to protect against hazards.		

5



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			- Ergonomic tools: Use ergonomically-designed tools that minimise physical strain to reduce the risk of injuries due to repetitive motion stressors or awkward postures.		
			- Pre-work inspection: Conduct a site inspection by starting conduit installation to identify potential hazards and strategize mitigation measures.		
			- Secure tool storage: Provide adequate storage for tools and materials, ensuring that they are secure and organised while not use.		
			- Adequate lighting: Make sure the work area have afficient and stell-maintained lighting, allowing workers to better and avoid tential have as during conduit installation.		
			- Emergency response plan for conduct stallation and the stallation procedures, they know at to do the stallation of an accident or emergency.		
4. Switchboard Installation	Electric shock, Incorrect wiring	ЗН		1L	



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5. Circuit Wiring	Cut and abrasion injuries, Fire hazards	2M		1L	



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6. Earthing System	Faulty connections, Corrosion damage	2M		1L	



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7. Testing & Commissioning	Electrical shock, Malfunctioning devices	ЗН		2M	



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8. Troubleshooting	Insufficient knowledge, Inadequate training	ЗН		1L	



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9. Maintenance	Electrocution risk, Unauthorised access	2M		1L	



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10. Repair Activities	Accidental contact with live wires, Confined spaces	4A		2M	



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11. Retrofitting	Risk of asbestos exposure, Improper disposal			1L	



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12. Equipment Disposal	Ineffective de-energising pironmenta impact			1L	



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	5				



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 OF AT ARE NOT APPLICABLE.

Queensland & Australian Capital Territory

Work Health and Safety Act 2011

Work Health and Safety Regulations 2011

 $\textbf{Legislation QLD:} \ \underline{\textbf{https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws}$

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/acts-and-regulations

Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice

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/legislat

Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis > odes-or racti

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/wo_place-syllaws

Codes of Practice NT: https://worksafe.nt.gov.au/5

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_aces/codes-of-practice#COPs

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/acts-and-regulations

Codes of Practice for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice

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.

Victoria

Occupational Health al Safety Act

Occupational Health and Infety gulations 2017

Legis on VIC: https://www.xsafe.vic.gov.au/occupational-health-and-safety-act-and-

<u>julai.</u>

des on actice VI autros://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice

Western Australia

Work Health and Safety Act 2020

Work Health and Safety Regulations 2022

Legislation Western Australia: https://www.commerce.wa.gov.au/worksafe/legislation

Codes of Practice WA: https://www.commerce.wa.gov.au/worksafe/codes-practice

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

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
- 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
- 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



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	Pos	sition	Signature	Date	Time	Sup	pervisor
				Date:			
				l te:			
			AV	Date:			
				Date:			
				Date:			
				Date:			
		SAF WC A	STATEMENT	MONITORING AND	REVIEW		
The SWMS must be reviewed regularly to the ke sure it remains effective and must be reviewed (and revised if necessary) if relevant control measure are a subcontractors and subcontract			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	<u> </u>	□ 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.

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.		D				
Name, signature, position and date signed of the person approving the SWMS.						
Specific personnel and qualifications, experience is noted in the SWMS.	P					
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 imperent person is assigned and listed on the SWMS for the imperent person is assigned and listed on the SWMS for the imperent person is assigned and listed on the SWMS for the imperent person is assigned and listed on the SWMS for the imperent person is assigned and listed on the SWMS for the imperent person is assigned and listed on the SWMS for the imperent person is assigned and listed on the SWMS for the imperent person is assigned and listed on the SWMS for the imperent person is assigned and listed on the SWMS for the imperent person is assigned and listed on the SWMS for the imperent person person is assigned and listed on the SWMS for the imperent person per						
Permit requirements specified, such as Hot Work, Electrical Work, Vocat Heights etc.						
SWMS identifies plant and equipment to be u 1.						
Details of inspection checks required for any equipment listed are 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 R	EVIEWED				
SIGNATURE	DATE CO	MPLETED				