

Low Voltage Electrical Installation I	solation Access SAFE Wo	ORK METHOD STATEMENT (SWMS)
TASK OR ACTIVITY	: Low Voltage Electrical Installat	ion Isolation Access	
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 POST 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	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	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 sched and in accordance with regislative requirements to first identify any site hazards, conditions in those hazards and then to further take steps to either the conditions of the condit	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must stead attely. 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			
ANY HIGH-RISK CON ☐ involves a risk of a person falling more than 2 meters. ☐ is carried out on a telecommunication tower.				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.		
☐ involves demolition of	of an element of a structure	that is load-be		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 or 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, railway, shipping lane or other traffic 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	Tripping, improper use of PPE	2M	 Ensure that the work area is clean, well-lit, and free from obstructions to minimise the risk of tripping. Clearly mark any cables, hoses, or objects on the floor to increase visibility and prevent accidents. Maintain a tidy workspace by properly storing tools an apment, and materials when not in use, to avoid creating tripping hazards. Provide appropriate training and instruction for a prorkers it as wed in the task to ensure a clear understanding that work procedul that are the correct use of PPE. Regularly conductive or triefing and toolbox talks or remind workers of potential hazards and reporce propositions and toolbox talks or remind workers of potential hazards and reporce propositions are task, such as gloves, safety goggles, and it thating hosts, and eplace if damit ged or worn out. Place working sits and barriers around the work area, informing others of the ongoin lets trical working and encouraging them to keep a safe distance. Use not slip to tweat the closed toes and heels to reduce the likelihood of hoping a trippin accidents while working. Keep not ways and walkways clear and specific to the work area to prevent coldent obnact with other workers or bystanders. There to the "buddy system" where two trained workers must be present during low voltage electrical installation isolation access tasks, ensuring prompt assistance in case of an emergency. Implement a lockout/tagout procedure to isolate the electrical equipment involved in the task, preventing accidental energization and unauthorised access. Always use insulated tools and equipment suitable for low voltage work, ensuring proper maintenance and inspection before each use. Establish an emergency response plan for the event of an electrical incident or accident, including first aid provisions, evacuation procedures, and emergency contact information. Make sure all workers are familiar with this plan. 	1L	
2. Site Assessment	Falling objects, exposure to live wires	ЗН	 Ensure that all team members are trained in proper risk identification techniques and have completed relevant electrical safety courses before performing work onsite. Conduct a thorough site assessment by a qualified individual to identify potential hazards, such as live wires and falling objects, before beginning any work. Establish designated safe walking pathways in the work area, away from potential fall zones and live wire exposure. Utilise appropriate signage and barriers to mark off hazard zones and prevent unauthorised access. 	2M	



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			 Implement a lockout-tagout procedure to isolate and secure energy sources to protect workers from accidental contact with live electrical circuits. 		
			- Perform regular equipment checks and maintain as in good working order, ensuring proper insulation of handles and lead		
			- Provide personal protective equipment (F) to team probbers, including helmets, gloves, and safety glasses, and ensure they work arrectly at all times.		
			- Maintain clear communication between team in the bers during the work process to foster awareness of potential sizards in addition changing situations.		
			- Establish an end and sport plan that outlines deps to follow in case of an incident involving ralling objects or course to wires.		
			- Prohibit the pof mobile nones or a stractions while working on-site to main a full attack and mainise risks associated with inattention.		
			- Trail expmems on proper tool usage and lifting techniques to decrease the likeliho do cciden related to falling objects.		
			- Encourage paronnels report any identified hazards or near misses immediately a supervisor of further assess risk and update procedures accordingly.		
			- Esta list regular worksite inspections to ensure control measures are in place and inction as intended.		
			- tiodically review and update the SWMS to account for changes within the worksite environment, incorporating new control measures as necessary to mitigate emerging hazards effectively.		
			- Lockout/Tagout Procedure: Implement a strict lockout/tagout procedure to ensure that the low voltage electrical installation is properly isolated and secured against unintentional re-energization.		
			- Competent Personnel: Only allow qualified and trained personnel with appropriate licenses or permits to carry out the isolation process, ensuring they follow the approved SWMS.		
3. Isolation Sequence	Unintentional re-energization, lack of communication	3H	- Communication and Collaboration: Establish clear communication channels among team members responsible for the isolation process, including those working on different parts of the electrical system.	2M	
			 Visual and Audible Warnings: Use highly visible and audible warning devices, such as tags, signs, and alarm systems, to alert workers about the status of the electrical installation's power supply. 		
			- Verification Procedures: Keep a documented process for verifying the complete de- energization of the electrical installation, including testing with appropriate equipment.		



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			- Isolation Schedule: Create a schedule outlining the precise sequence for deactivating the various components of the electrical installation, ensuring sequential deactivation to minimise possible hazards.		
			- Equipment Inspections: Regularly inspect all the sequipment, and personal protective gear used during the isolation product set to ensure their good working condition and compliance with relevant regularity.		
			- Emergency Response Plan: Develop an emergency response plan to address potential incidents during the low voltage electric installation is lation process, taking into account appropriate first aid measures, accuation procedures, and communication with emergency process.		
			- Ongoing Training or rovice ongoing training for a finvolved personnel, focusing on best practice an solation procedure risk idea cation, hazard management, and any updates relevant land and industry and ards.		
			- Control Important: Regularly review the effectiveness of the implemented control in sures, and into account feedback from workers, industry develoness, and all requirements, and making necessary refinements to further reduce to pointial hourds associated with the low voltage electrical installation isolation acces.		
	5				
Installation Verification	Electrical faults, unexpected energization	3H		1L	
vermouter	onorgization		-		



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5. Lockout/Tagout Procedure	Incorrect application, insufficient locks/tags	ЗН		2M	



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	5				
6. Low Voltage Equipment Access	Inadequate access points, confined spaces	2M		1L	



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7. Installation Performing	Miscommunication, inadequate tools/materials	2M		1L	



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8. Cable Management	Cable entanglement, unsecured cables	2M		1L	



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9. Work Area Organisation	Poor housekeeping, obstructed walkways	2M		1L	



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10. Testing And Inspection	Exposure to live circuitry, forgotten test equipment	2M		1L	



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11. Re-energization	Premature energization, incorrect settings	31		2M	



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12. Completion Documentation	Inaccuracy in record, misplaced documentation	1L		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.

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/legislatide

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

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/wo_place-

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 all Safety Act 34

Occupational Health and Infety gulations 2017

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

<u>qulat.</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.

Tollow ally sale work instructions which are provided, and agrees to use an reisonal riotective Equipment where appropriate.								
Worker Name	Pos	sition	Signature	Date	Time	Sup	pervisor	
				Date:				
			_					
			Date					
			l te:					
			AV	Date:				
				Date:				
				Date:				
	Date:							
		SAF WO A S	THUD 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 measurements are subcontracted by process should be carried out in consultation with workers (including contractors are subcontracted) who may be affected by the operation of the SWMS and their health and safety representatives who researched that work group at the workplace. 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				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				
them to understand and imp					tently developing ever-imp	3 ,	· '	
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 P	
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 SWh			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effecting so tions.			
Responsible person is assigned and listed on the SWMS for the imperent of continue assures.			
Permit requirements specified, such as Hot Work, Veralt Heights etc.			
SWMS identifies plant and equipment to be u d.			
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.			
dentifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE R	EVIEWED	
SIGNATURE	DATE CO	MPLETED	