

Low Voltage Power Su	pply SAFE WORK METHO	D STATEMENT (SWMS)	
TASK	OR ACTIVITY: Low Voltage Power	r Supply	
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 sched ed in accordance with agislative requirements to first identify any site hazards, hazards and then to further take steps to either the condition of the condition o	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must structure 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				
☐ involves a risk of a p	erson falling more than 2 n	neters.		is carried out on or near pressurised gas mains or piping.					
☐ is carried out on a te	lecommunication tower.		$H \cap H$	is carried out on	☐ is carried out on or near chemical, fuel or refrigerant lines.				
☐ involves demolition of	of an element of a structure	that is load-be		is carried out on or near energised electrical installations 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 contaminated or flammable atmosphere.					
☐ 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 there is any movement of powered 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, tripping hazards	2M	 Inspection and assessment of the work environment before starting work to identify potential electrical hazards and tripping hazards. Ensuring workers are equipped with approprise ersonal Protective Equipment (PPE) such as insulated gloves, safety glantes, and non-conducive footwear. Clear communication and signage to indica, the province of low voltage power supply in the area and to maintain general away as among workers. Training workers on proper andling of electrical suipment at tools, emphasising the risk of electrical shock and to hazards. Keeping the work to accomman and lutter-free, removing any obstacles that could lead to trip harmals, and emiring hover house's uping practices are in place. Making use a vord cover or cable hours is to eliminate the chance of tripping over mosed ones are wiring. Esta is a glass atted walkways around the workspace, keeping them clear from electric acciss, extermion leads, and other potential trip hazards. Utilisin battic powers or cordless equipment wherever possible to reduce the order cable in the work area. Rose at inspecting and maintaining all electrical equipment being used to ensure is fund, ong as intended, free of defects or damage, and in compliance with avant standards. Implementing a strict 'tag out' or lockout/tagout procedure for any faulty or damaged electrical equipment that needs repair. Encouraging workers to report any identified hazards immediately to their supervisor or manager to facilitate timely mitigation measures. Developing emergency response plans for potential accidents relating to low voltage power supply and regularly conducting drills to refresh worker's knowledge and preparedness. Utilising Ground Fault Circuit Interrupters (GFCIs) to minimise the risk of electrical shock by detecting fault currents and disconnecting power supply when necessary. Regularly reviewing and updating Safe Work Method Statements (SWMS)	1L	
2. LV Switchboard Inspection	Arc flash, energised components	ЗН	Proper Arc Flash Hazard Assessment: Conduct a thorough arc flash hazard assessment to determine the potential incident energy and appropriate Personal Protective Equipment (PPE) requirements for the specific task. Lockout/Tagout Procedure Implementation: Ensure proper isolation and deenergization of electrical equipment, following established Lockout/Tagout procedures, before inspecting any LV switchboard components.	2M	



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			- Testing for Voltage Absence: Utilise appropriate test instruments such as a voltage tester or multimeter, to confirm that any energised components have been successfully isolated and de-energised.		
			- Insulation/Barrier Installation: Provide adequate insulation or barrier material around energised components to prevent a cuental contact during the switchboard inspection process.		
			- Regular Inspection and Maintenance: Schedular inspection and maintenance for all LV switch boards to prevent a occurrence hazardous situations, including loose conjections or deteriors. It equipment.		
			- Qualified and Train sonn. Only allow worker no have completed relevant training in electric safety and are valified to work with Low Voltage Power Supply, to perform in sections on L switch ands.		
			- Use of Appropriate PPF consure that the care wearing the correct Personal Protein Equip of PE), such as flash-resistant clothing, gloves, and face shield a led on trindings of the Arc Flash Hazard Assessment.		
			- Adhe not Safe vk Practices: Provide easily accessible Standard Operating Procedules (SPS) and Safe Work Method Statements (SWMS) for the inspection SLV switchbox is, and enforce strict adherence to these guidelines.		
	7		- En, the last Response Preparedness: Develop an emergency response plan in ase of lents related to arc flash or energised components, including the milability of communication systems, first aid supplies, and evacuation routes.		
			- Continuous Improvement and Monitoring: Continuously monitor and review the implemented control measures to ensure their effectiveness in reducing risks		
			associated with arc flash and energised components during the LV Switchboard Inspection work step. Make necessary improvements based on findings from regular reviews and incident analysis.		
			By implementing these control measures, workplace safety during Low Voltage Switchboard Inspections can be improved, reducing the risk of accidents and ensuring a healthier working environment for all employees.		
			- Proper identification of the equipment: Clearly label or tag all low-voltage power supply units to avoid incorrect isolation or work on live components.		
O Familian and Juli	Wrong gear isolation, live component	011	- Implementation of Lockout/Tagout (LOTO) procedures: Implement a systematic LOTO procedure to ensure that all relevant equipment is properly isolated, and workers are protected from unexpected startup or re-energization.		
Equipment Isolation	contact	3H	- Use of insulated tools and personal protective equipment (PPE): Utilise insulated tools and appropriate PPE, such as rubber gloves and safety goggles, when working with potentially energised components to minimise the risk of electrical shock.	1L	
			- Verification of zero energy state: Before starting any work, always verify that the equipment is in a zero-energy state by checking for the absence of voltage using voltage testers or multimeters.		



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			- Regular inspection and maintenance of equipment: Conduct regular inspections and maintenance of electrical machinery, including safety features and precautions, to ensure that they function correctly and minimise bards.		
			- Provision of adequate training and supervision ansure that all workers involved have received adequate training and companies in safe work practices, including recognizing potential hazards and selecting propriate antrol measures.		
			- Maintaining updated safety documentation: No property of the		
			- Established protocols high-pactivities: Developed implement well-defined safety protocols angh-pactivity such as live component work or isolations, ensuring full countability d man, ement assight.		
			- Emer ency it conse plan. Develop a suplement an emergency response plan that it is les important descriptions to be taken in case of an accident or injury related to low vo. a selection work.		
			- Routile say y audit and hazard assessments: Conduct regular safety audits and hazard sest ents one workplace environment to identify potential risks and evelope litable control measures to improve overall safety performance.		
	5				
4. Voltage Testing	Electric shock, use of faulty equipment	2M		1L	



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5. Cable Installation	Cable damage, manual handling injuries	2M		1L	



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6. Earthing & Bonding	Inadequate earthing, ele	2M		1L	



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7. Termination & Dressing	Exposed conductors, slip and fall	2M		1L	



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8. Connection & Commissioning	Reverse polarity,short circuit	2M		1L	



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9. Load Testing	Overheating, device malfunction	1L		1L	



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	5				
10. Labelling & Documentation	Mislabeled devices, insufficient information	1L		1L	



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11. Lockout/tagout removal	Unplanned re-energising; exposure to live circuit	3H		1L	



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12. Finalize work area	Debris, trip hazards, unsecured tools	2M		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/legislative

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 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/le_lation

Codes of Practice for SA: https://www.safework.sa.gov.au/wor 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

Occupational Health and afety gulations 2017

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

gulat

des on actice VIC attps://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 any 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:					
			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	