

Multimeter   SAFE WORK METHOD STATEMENT (SWMS)								
	TASK OR ACTIVITY: Multimeter	r						
Business Name: [Company Name]		ABN: [ABN]	SWMS#					
Business Address: [Company Address]								
Contact Person:	Phone: [Phone]	E qil:						
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE P. J OF THE PROJECT						
Under the Work Health and Safety Regulation (WHS Regulation), a person conducte proposed work starts.	cting a business or undertaking (N_RU) 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	compliance of the 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. 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 regislative requirements to first identify any site hazards, conditioned in those hazards and then to further take steps to either the st	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:					Provide a detailed description of the specific work being carried out (otherwis						
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 o	☐ 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	Electrical shock, Tripping over cables	ЗН	<ul> <li>Conduct a thorough risk assessment before initiating any work involving a multimeter to identify potential hazards and implement appropriate control measures.</li> <li>Ensure that all workers using a multimeter handcompleted relevant training on electrical safety and the proper use of the incompleted relevant training on electrical safety and the proper use of the incompleted relevant training on electrical safety and the proper use of the incompleted relevant training on electrical safety and the proper use of the incompleted relevant training on electrical safety and the proper use of the incompleted relevant training on electrical safety and the proper use of the incompleted relevant training on electrical safety and the proper use of the incompleted relevant training on electrical safety and the proper use of the incompleted relevant training on electrical shock.</li> <li>Turn off and de-energise the quipment or system being modured with the multimeter, wherever possible, uninimise the risk manufactured shock.</li> <li>When working once electrometry and the relevant static as evergised; use insulated tools, gloves, and other personal optection equipment guard against electrical shock.</li> <li>Remove or source any large cables on the workspace to decrease the likelither of triping aeroents.</li> </ul>	1L	
			<ul> <li>Clear to marcal the work area with caution tape, cones, or signage to indicate potential hands provint, alerting bystanders to maintain a safe distance.</li> <li>Use on type ofly rate multimeters for the voltage and current levels involved to net sale y state ords and avoid potentially dangerous situations.</li> <li>Estentist clear communication protocols among members of the work team, insuring caryone is aware of the status of testing and ready to respond to aregencies.</li> <li>Provide access to first aid kits and emergency response equipment in the event of an electrical shock or injury, and review emergency procedures with all workers before beginning work.</li> <li>Maintain a clean and well-organised work area to reduce the risk of trip hazards, with all tools, equipment, and cords properly stored when not in use.</li> </ul>		
2. Equipment Inspection	Damaged equipment, Inadequate insulation	2М	<ul> <li>Regular visual inspections: Conduct frequent and thorough visual inspections of the multimeters to identify signs of wear, tear, or damage.</li> <li>Pre-use checks: Perform pre-use checks on multimeters to verify their proper functioning and spot potential hazards, such as damaged wires or inadequate insulation.</li> <li>Test equipment calibration: Ensure that multimeters are calibrated regularly according to the manufacturer's recommendations to maintain accuracy and reduce the risk of electrical accidents.</li> <li>Use of appropriate PPE: Always use appropriate personal protective equipment (PPE) when working with multimeters, including insulated gloves, safety goggles, and closed-toed shoes.</li> <li>Insulated tools: Utilise insulating materials on tools and devices, including handles and grips, to prevent electrical shocks during equipment inspection.</li> </ul>	1L	



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			<ul> <li>Area isolation: Isolate the work area to minimise exposure to electrical hazards for bystanders and workers not directly involved in the inspection.</li> </ul>		
			- Training and qualification: Ensure that workers croudcting equipment inspections are adequately trained and qualified, understanding the risks and control measures associated with handling electrical equipment		
			- Manufacturer guidelines: Always follow the unufacturer's guidelines and instructions for inspecting, using, and maintain a partimeters.		
			- Repair and replacement: Replace damaged or wen-out equipment immediately and conduct necessary repairs or authorised person elemetric.		
			- Proper storage: Second imeter in designated areas away from humidity, corrosive materies, and physical stors or shatering cause damage to the equipment.		
			- Sign and heals: County label all hexardous equipment with appropriate warning signs form where about potential risks.		
			- Reporting stem: tablish an efficient reporting system for workers to communicate support issues, hazards, and near misses, enabling proactive action to iddrem and prevent problems.		
	1		- Recular judits and reviews: Schedule regular audits of equipment inspection procession ind procedures to ensure consistent implementation of control measures ind identity areas for improvement.		
	C		- c noing education: Promote ongoing education and training opportunities for workers, focusing on equipment inspection best practices and keeping them up-to- date with changes in standards and regulations related to workplace health and safety.		
			- Ensure that all workers are appropriately trained and competent in identifying and isolating energy sources before using a multimeter.		
			- Perform a thorough risk assessment to identify potential hazards associated with the device isolation process.		
			- Clearly communicate the isolation plan to all team members involved in the task.		
3. Device Isolation	Inadvertent energising, Insufficient isolation	2M	<ul> <li>Use Lockout/Tagout (LOTO) procedures for every energy source that requires isolation, including mechanical, electrical, hydraulic, pneumatic, and other forms of stored energy.</li> </ul>	1L	
			- Equip all workers with personal protective equipment (PPE), such as gloves and safety glasses, to reduce the risk of injury during device isolation procedures.		
			- Implement a permit-to-work system to ensure that only authorised personnel carry out activities involving the use of multimeters on isolated devices.		
			- Always verify that the isolation is effective by performing tests, such as voltage or current checks, using a properly functioning and calibrated testing device.		



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			- Regularly inspect and maintain all isolation devices, such as switches and circuit breakers, to ensure they function correctly and meet necessary safety standards.		
			- Post clear and prominently displayed signage including the presence of isolation measures near the work area.		
			- Establish emergency procedures and first of response ons in case an accidental energising occurs or insufficient isolation is a povere		
			- Keep a record of all isolation procedures performed, including the date and time, the person responsible, and the relevant details as ut the end of the being isolated.		
			<ul> <li>Educate staff members on the oportance of report and visues with device isolation immediate and oplem, bing corrective actions to prevent future incidents.</li> <li>Encourage con communication with otherworkplace and provide opportunities for workplace and provide opportunities for workplace.</li> </ul>		
			work to o raise uncert about potentic nazards related to device isolation. - Control, a review ind update workplace health and safety policies related to device jok on and ultimeter use, incorporating feedback from staff and industry best practice		
4. Testing Equipment Setup	Incorrect connection, Experience live components	ЗН		2M	



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5. Reading & Recording Measurements	Misinterpretation of data, Distraction causing an accident	2M		1L	



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6. Conduct Continuity Test	Short circuits, Electrical shock	ЗН		1L	

Date of Issue:



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7. Voltage Testing	Higher voltage than expected, Component damage	2M		1L	



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8. Resistance Measurement	Improper grounding, Incorrect measurement range			2M	



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9. Capacitance Testing	Discharge hazard/naulty component detection	2M		1L	



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10. Current Measurement	Overcurrent, Electual short	ЗН		1L	



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11. Equipment Disconnection	Loose connections as the an energising	ΣM		1L	



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12. Device Re- energising	Unintentional exposure to live parts Inadequate clearance dubg encrosing	ЗН		2M	

Date of Issue:



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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: <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 Active 04 Occupational Health and unfetwing gulations 2017 Legismon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- tulatures</u> Undes 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: <a href="https://www.safework.nsw.gov.au/legal-obligations/legislatic">https://www.safework.nsw.gov.au/legal-obligations/legislatic</a> Codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/legal-obligations/legislatic</a>	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-servelaws Codes of Practice NT: https://worksafe.nt.gov.au/	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: <u>https://www.safework.sa.gov.au/resources/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/wor/caces/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: <a href="https://worksafe.tas.gov.au/topics/laws-and-compliance/cacts-and-regulations">https://worksafe.tas.gov.au/topics/laws-and-compliance/cacts-and-regulations</a> Codes of Practice for TAS: <a href="https://worksafe.tas.gov.au/topics/laws-and-compliance/cacts-and-practice">https://worksafe.tas.gov.au/topics/laws-and-compliance/cacts-and-regulations</a>	<ul> <li>First aid in the workplace</li> <li>Managing the risk of falls at workplaces</li> <li>Hazardous manual tasks</li> <li>Managing the risk of falls in housing construction</li> <li>Managing electrical risks in the workplace</li> <li>Demolition work</li> <li>Excavation work</li> </ul>					
Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council - Authorisation to commence work	<ul> <li>Work health and safety consultation, cooperation and coordination</li> <li>Managing the work environment and facilities</li> <li>How to manage work health and safety risks</li> <li>Managing risks of plant in the workplace</li> <li>Construction work</li> </ul>					

- 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	