

Generator (Genset)	SAFE WORK METHOD S	TATEMENT (SWMS)					
TA	SK OR ACTIVITY: Generator (Ger	iset)					
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 conducting a business or undertaking (r 3U) is required to the proposed work starts.							
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, conditions unical those hazards and then to further take steps to either the conditions of the condi	NAME	SIGNATURE	DATE				
If an incident or a near miss occurs, all work must structurately. 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.							



		CLI	ENT OR PRINCIPAL	CONTRACTOR D	ETAILS			
Client:						SCOPE OF WORKS		
Project Name:					Provide a detailed description of the specific work being carried out (otherwise known as a cope of works).			
Project Address:								
Project Manager:								
Contact Phone:								
Project Manager Sig	nature:							
Date SWMS supplie	d to Project Manager:							
		ANY HIGH-	RISK CON PUCT	N' JRK BEING	CARRIED OUT			
☐ involves a risk of a pe	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 tel	ecommunication tower.		$H \cap H$	is carried out on or near chemical, fuel or refrigerant lines.				
☐ involves demolition o	f an element of a structure	that is load-be n.		is carried out on or near energised electrical installations or services.				
☐ involves demolition o	f an element related to the	physical integrit of a str	3.	is carried out in an area that may have a contaminated or flammable atmosphere.				
☐ involves, or is likely to	o involve, disturbing a	tos.		involves tilt-up or precast concrete.				
involves structural alt	eration or repair that re	upp to p	prevent collapse.	is carried out on,	, in or adjacent to a road, railwa	ay, shipping lane or other to	raffic corridor.	
is carried out in or ne	ar a confined space.			is carried out in a	an area of a workplace where t	here is any movement of p	owered mobile plant.	
is carried out in/near	a shaft or trench deeper th	nan 1.5m or tunnel involvin	g use of explosives.	is carried out in a	areas with artificial extremes of	temperature.		
is carried out in or ne	ar water or other liquid tha	t involves a risk of drowning	ng.	☐ involves diving w	vork.			
		ANY HI	IGH-RISK MACHINER	RY OR EQUIPMEN	IT 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 -		





PERL NAL TECTIVE EQUIPMENT (PPE)

FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING PPOTECTION	PROTE	SPIRATORY P STECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
			A								

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											
			- Ensure that the work area is clean and free of debris, including any potential trip hazards such as tools or loose cables.													
			- Designate a specific location for the generator ansuring it is flat, stable, and well-ventilated to prevent overheating and accuration of dangerous fumes.													
			- Conduct a full risk assessment before begin and appropriate control measures and the appropriate control measures and the appropriate control measures.													
			- Train all personnel involved the operation and aintenant of the generator on safe-working procedures, and sure they have the operation and licenses.													
			- Ensure that a spectrical colles, extrement, a suppliances are inspected and maintained in startly for six of wear larger, or malfunction that could pose an electrical haza													
			- Use a conduct mats, protective gloves, and insulated tools where possible to minime a crisk on ectric shock when working near live electrical equipment.													
Preparation	Slips, trips and falls, Electrical hazards	2M	- Clearly many II electrical equipment and wiring with appropriate warning signs, labels, and tage to caution workers about potential hazards.	1L												
·							- In tame t a structockout/tagout (LOTO) procedure for any maintenance or repair work in the age electrical equipment to prevent accidental power activation.									
				Wear appropriate Personal Protective Equipment (PPE), such as safety boots, gloves, and high-visibility vests, to reduce the risk of injury from slips, trips, and falls.												
			- Regularly inspect walkways and access routes leading to the generator area for any hazards and rectify them immediately.													
			- Establish and maintain clear communication lines between workers, supervisors, and other stakeholders to ensure everyone stays informed of potential hazards, work progress, and any changes in conditions or plans.													
			- Keep emergency response equipment, such as fire extinguishers and first aid kits, readily accessible in case of accidents or incidents.													
			- Periodically review and update the Safe Work Method Statement (SWMS) for generator operation and maintenance to ensure it remains relevant and effective, addressing any new or emerging hazards that may emerge over time.													
			Provide training to workers on correct lifting techniques, such as bending at the knees and keeping a straight back while lifting heavy items.													
2. Generator Placement	ment Incorrect lifting technique, Obstructed access 3H	3H	- Require all personnel involved in generator placement to wear necessary personal protective equipment (PPE), including steel-toed boots, gloves, safety helmets, and high-visibility vests.	2M												



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			- Ensure that access pathways to the generator site are kept clear of obstructions and debris throughout the installation process.		
			- Use mechanical aids, such as hand trucks or pall acks, whenever possible to move the generator safely into place.		
			- Position the generator on a stable and lever surface, idealy, a concrete base or designated mounting pads, to minimise risks social with uneven terrain.		
			- Assign designated safety officers to oversee the enerator placement process and ensure compliance with work and enable regulation.		
			- Inspect the integrity of any lifting equipment prior to gensuring chains, hooks, and slings are free company and within their load capacity limits.		
			- Establish a consistently llow comunication protocols between workers during generator plannent, such a using him at an also retwo-way radios.		
			- Modern e won called ule, when necessary, to avoid placing generators during advertigations, such as heavy rain or strong winds.		
		- If a cross executive and generator placement, hire only certified professionals and establist executive not zon, to prevent unauthorised access during the lift.			
			- nduc a risk a essment before installing the generator, identifying potential haza. and determining appropriate control measures to mitigate those risks.		
			Pevelop an emergency response plan tailored to incidents involving generator prement, educating workers on appropriate actions to take in the event of an accordent.		
			- Regularly review and update the Safe Work Method Statement (SWMS) for generator placement to ensure its continued effectiveness in managing risks associated with this work step.		
			- Ensure proper training and instruction for workers responsible for fuel loading, including the correct handling, storage, and disposal of fuels.		
			- Provide appropriate personal protective equipment (PPE) like gloves, safety goggles, and spill-resistant aprons for workers dealing with fuel loading tasks.		
			- Implement a regular maintenance and inspection schedule for fuel containers, hoses, pumps, and connections to prevent leaks and spills.		
3. Fuel Loading	Fuel spills, Fire/Explosion hazard	3H	- Establish clear guidelines and protocols for fuel loading, emphasising the need for caution and mindfulness while handling flammable materials.	1L	
			- Utilise secondary containment systems such as bunds or spill pallets to contain accidental spills during the fuel loading process, making sure that these containment systems are properly maintained and inspected regularly.		
			- Store fuel supplies in clearly marked, approved containers and away from potential ignition sources, ensuring appropriate ventilation and storage conditions consistent with manufacturer recommendations.		



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			- Maintain emergency response equipment like fire extinguishers and spill kits at fuel loading locations, ensuring that they are easily accessible and that workers know how to use them effectively.		
			- Regularly review and update emergency response plans covering scenarios like fuel spills or fires, conducting periodic praction drills to minimise hesitation and confusion in case of real emergencies.		
			- Establish proper signage and hazard identification fuel loading areas, alerting workers and site visitors to potential risks associated with fuel.		
			- Limit smoking, open flames, cany heat-generating open twithin a designated, safe distance from flowed ling operations as part of a giver all site safety management plant.		
			- Implement system for solly transcring substween containers and generators to reduce the solf spills, using put for dedicated pouring devices designed to mining spill has referred.		
			- Conc ct. going a assessments and reviews of fuel loading processes, considering a vicinity of a specific could processe with the could processe with a specific could be specific could be a specific co		
4. Connection to System	Electrocution, Equipment damage	4A		2M	



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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
5. Operation Monitoring	Noise exposure, Vibration hazards	2M		1L	



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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
6. Maintenance & Inspection	Incorrect isolation, Inadequate PPE	ЗН		1L	



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7. Emergency Shutdown	Inadequate escape routes, Panic during emergency	2M		1L	



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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
8. Ventilation Management	Poor air quality, Asphyxiation hazard	ЗН		1L	



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9. Genset Decommissioning	Release of hazardous materials, Manual handling injuries	2M		1L	



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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	IR INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RR RESIDUAL RISK	PERSON NAME OF PERSON
10. Disposal & Recycling	Environmental contamination, Hazardous waste accidents	ЗН		2M	



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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
11. Reporting & Documentation	Inaccurate records, Failure to report incidents	1L		1L	



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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
12. Training & Supervision	Unauthorised access, Insufficient competency	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

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/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/legislations/leg

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

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/f

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 al. Safety Act

Occupational Health and afety gulations 2017

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

<u>Julai.</u>

des of 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.

Worker Name	Pos	sition	Signature	Date	Time	Sup	pervisor	
				Date:				
				l te:				
			AV	Date:				
				Date:				
	Date:							
		SAF WC A	STATEMENT	MONITORING AND	REVIEW			
The SWMS must be reviewed regularly to make sure it remains efficiency and must be reviewed (and revised if necessary) if relevant control measure are usually revery process should be carried out in consultation with workers (including contractors and subcontract is) who may be affected by the operation of the SWMS and their health and safety representatives who reduces essented 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 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	<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.

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	