Operate Drones S	SAFE WORK METHOD ST	ATEMENT (SWMS)	
Т	ASK OR ACTIVITY: Operate Dron	les	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E ail:	
THIS SAFE WORK METHOD	STATEMENT IS APPRO		
Under the Work Health and Safety Regulation (WHS Regulation), a person conductive proposed work starts.		required to entry e that a safe work method	statement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitorin	compliance of the SWh, was well as re	eviews and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS WMS	NA OF ALL RELEVANT PERSONN EVELOPMENT AND APPROVAL OF	IEL WHO HAVE BEEN CONSULTED AND	COMMUNICATED TO IN THE
Safety meetings or toolbox talks will be scheduled in according with regislative requirements to first identify any site hazards, and the to contract the those hazards and then to further take steps to either eliminate or contract leach hazard.			
If an incident or a near miss occurs, all work must store and ately. 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:	
Project Address:	
Project Manager:	
Contact Phone:	
Date SWMS supplied to Project Manager:	
☐ involves a risk of a person falling more than 2 meters	d is carried out on or near pressurised gas mains or piping
□ is carried out on a telecommunication tower	carried out on or near chemical, fuel or refrigerant lines
□ involves demolition of an element of a structure that is load-bearing	□ is carried out on or near energised electrical installations or services
□ involves demolition of an element related to the physical integritystructure	\Box is carried out in an area that may have a contaminated or flammable atmosphere
□ involves, or is likely to involve, disturbing as the set of the	□ involves tilt-up or precast concrete
involves structural alteration or repair the requires to prary support to prevent collapse	\Box is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor
□ is carried out in or near a confined space	\Box 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 the first or tunnel involving use of explosives	\Box is carried out in areas with artificial extremes of temperature.
\Box is carried out in or near water or other liquid that involves a risk of drowning.	☐ involves diving work.
ANY HIGH-RISK MACHINER	RY OR EQUIPMENT NEARBY



	RISK MATRIX										
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	800DF	ACTION		HEIRARCHY OF CONTROLS		
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE	ACTION		Elimination Remove the hazard.		
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCE		Substitution		
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review befor work starts.		Replace the hazard.		
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.		Isolate People from the hazard		
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	nitor and key recorde		Engineering Isolate the hazard.		
is the second m	RARE 1 1 2 3 3 1L nintor and kto records Isolate the hazard. Isolate the most effective and prefers HIGH HIGH LOW kto records Isolate the hazard. Administrative Controls: Elimination methods are the most effective and prefers en colspan="4">colspan="4">Colspan="4"Colspan="4">Colspan="4"Colspan										

	PERS_NAL TECTIVE EQUIPMENT (PPE) Select the appropriate PPL about suitably for the equipment used or the job task being performed (if applicable).											
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION			RL SPIRATORY PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED	
Other PPE R	Required:					_						
	P	ermit or Lice	nses Requiren	nents			Mandatory Qualifications and Training					



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Inadequate planning, Miscommunication	ЗН	 Conduct a comprehensive site assessme condentify potential hazards specific to the drone operation area. Develop a detailed flight plan outlining the control boundaries, altitude limits, and emergency procedures. Ensure all team members included in the drone operation we briefed on the flight plan and their specific roles. Use clear and combining the term. Estatush a rouble control inclution protocol with local air traffic control if operating near controlled airsplan. Clear met and communication protocol with local air traffic control if operating near controlled airsplan. Clear regard pre-flight meetings to discuss any changes in weather conditions, site access issues, on their levant octors. Provious imprehensive training for all operators on the use of the specific drone model being used. Succe and enforce the use of standard operating procedures (SOPs) for all drone-related activities. Implement a checklist system to ensure that all equipment is verified to be in good working condition before each flight. Employ a visual observer or spotter to assist the drone operator in maintaining situational awareness and avoiding obstacles. Document all planned operations and maintain records of risk assessments and control measures employed. 	2М
2. Equipment Check	Equipment malfunction, Battery failure	4A	 Conduct a thorough pre-flight inspection of the drone and all equipment components to ensure they are in good working condition. Follow manufacturer guidelines for the maintenance and servicing of drone equipment to prevent malfunctions. Implement a regular maintenance schedule, including checks on propellers, motors, and communication systems. Maintain an updated log of equipment maintenance and repairs to track any recurring issues. Use batteries that are recommended by the drone manufacturer and verify compatibility before use. Perform routine battery checks for charge levels, physical damage, and potential swelling to prevent failure during flights. Ensure all batteries are fully charged before operation and have spare batteries available as backup. 	2M

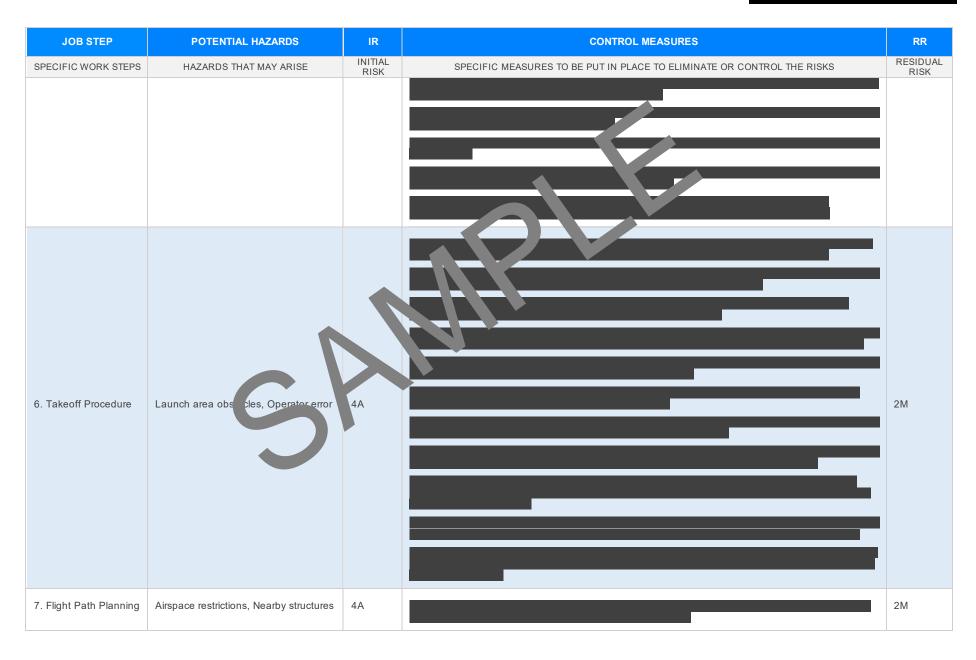


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
			- Store batteries in a cool, dry place and within manufacturer-recommended temperature ranges to avoid degradation.	
			- Employ a system for monitoring battery health the ughout its lifecycle to identify when replacements are necessary.	
			- Inspect and secure any loose parts or detrections where could lead to equipment malfunction during flight.	
			- Test all control systems prior to operation, enumg that radio frequencies are clear from interference.	
			- Implement an emergency is thing procedure to the fely be the drone in case of equipment or battery failure.	
			- Train personness troub, shoot, a common extipment and battery issues to minimize the risk of operational ays.	
			- Accepte-to-compather forecasts and alerts before commencing drone operations to anticipate advent advented indition.	
	Adverse weather under the determined of the second	IA	- Establish sumo-govercision criteria based on defined weather thresholds specific to the drone's operation lime	
			- element a continuous monitoring system for real-time weather data, using apps or official meter logical services.	
			Develop contingency plans for quick cessation of operations if sudden adverse weather arises during first.	
			Schedule operations during times when favourable weather conditions are most likely, such as early moming when wind is typically lighter.	
3. Weather Assessment			- Use drones equipped with sensors to provide additional situational awareness regarding current weather conditions experienced at altitude.	2M
	VIOLINITY	~	- Train drone operators to recognise signs of deteriorating weather and implement safety protocols accordingly.	
			- Equip drones with return-to-home features that activate automatically in case of severe weather detection.	
			- Ensure all team members are briefed on emergency procedures related to weather-related incidents.	
			- Maintain clear communication channels among team members for immediate reporting of any unexpected changes in weather conditions.	
			- Visually check local weather indicators like clouds and wind patterns prior to each flight.	
			- Have alternative operational plans ready if poor visibility or adverse weather necessitate rescheduling.	
			- Utilise appropriate protective gear for personnel, such as high-visibility clothing, to improve safety during limited visibility conditions.	
4. Site Inspection	Uneven terrain, Obstructions	3H		1L



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
5. Pre-Flight Briefing	Lack of understanding, Misinterpretation of instructions	ЗН		2M



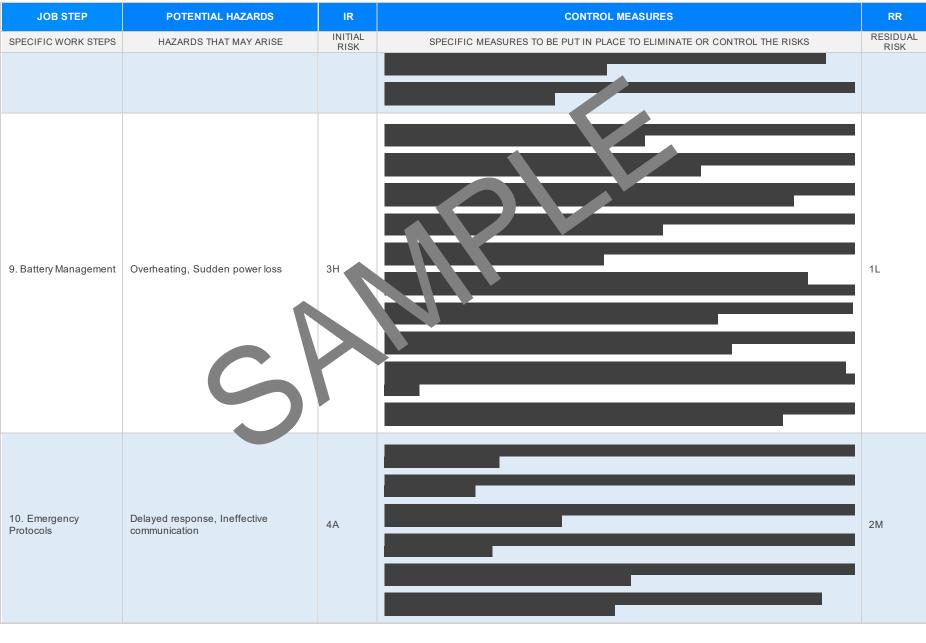




JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
8. In-Flight Monitoring	Loss of control, Signal interference	4A		2M

Version 2.5





Date of Issue:



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
11. Landing Procedure	Rough landing zone, Output s in landing area	ЗН		1

Version 2.5



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
		-		
				•
12. Post-Flight Check	Undetected dama e, Data retrieval	зн		1L
Ŭ	issues			
				-
13. Maintenance	Wear and tear, Incorrect handling	3H		1L

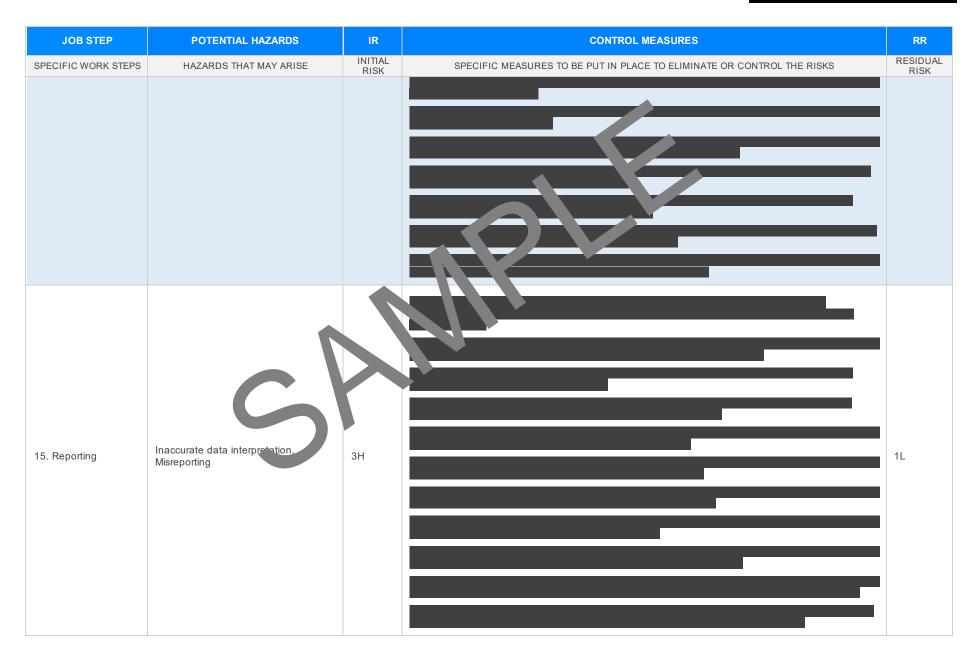
Version 2.5

Date of Issue:



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
	C			
14. Data Processing	Data corruption, Software errors	ЗН		2M



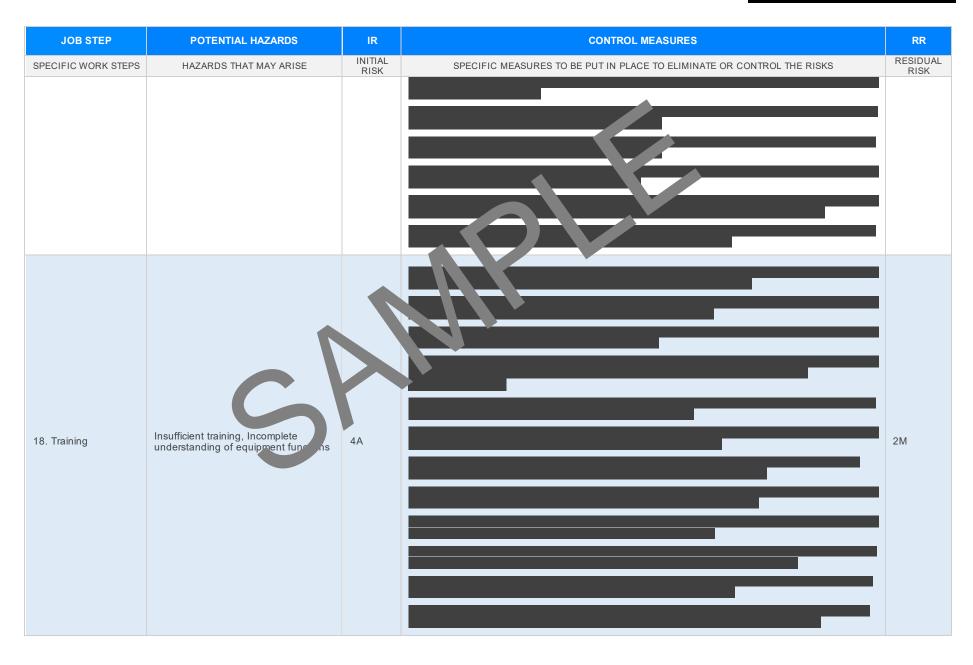


Version 2.5



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
16. Storage	Improper storage, Temperature extremes	ЗН		1L
17. Transportation	Physical damage during transit, Loss of equipment	4A		2M





Version 2.5



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
19. Documentation	Incomplete records, Lost documentation	ЗН		
20. Compliance Check	Regulatory breaches, Non-conformance to standards	4A		2M

Version 2.5

Date of Issue:







JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
	S			

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 REF					
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCE IN ANY STO THAT 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/codes-of-practice Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice	Victoria Or opational Health & 1 Safety Acce004 Occupational Health an Safety Acce004 Legismion VIC: https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- rulations design fractice VI content of the state of the second sec				
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/legis/ Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legis/	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 201 Work Health and Safety (National Uniform Legislation) Regulations 20 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance</u> , <u>prkplations fety-la</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-reso</u>	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> Model Codes of Practice				
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (S. Legislation for SA: <u>https://www.safework.sa.gov.au/resources.gislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/ve_xplaces/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: 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	 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 				
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.	 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	Signature	Date

SAFE WORK THE S ATEM ANT MONITORING AND REVIEW The SWMS must be reviewed regularly to make sure it remain effect. and mu be reviewed (and The SWMS must be monitored regularly for the effectiveness of ensuring hazard controls are revised if necessary) if relevant control measures are revised. The s should be carried out in effective in reducing the risk of incidents, keeping the workplace safe for all personnel. The view consultation with workers (including contractors person responsible for monitoring the effectiveness of the Safe Work Method Statement should ntractors nay be cted by the operation of the SWMS and their health and safety representatives who rep sented that work group at the employ a multi-faceted approach which includes but is not limited to: workplace. 1. Spot Checks. When the SWMS has been revised the PCBU must ensure the all versons involved with the work are 2. Consultation with workers, contractors and sub-contractors. advised that a revision has been made and how they can acce the revised SWMS, including all persons 3. Internal audits on a continual basis who will need to change a work procedure or system as a reof the review are advised of the changes in a way that will enable them to implement their duties ntly with the revised SWMS. All workers that An approach of continuous improvement, promptly recording inconsistencies or deficiencies, will be involved in the work must be provided with the relevant information and instruction that will assist followed up by immediate corrective action and consultation with all relevant personnel ensures them to understand and implement the revised SWMS. 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	COMMENTS
The company details have been entered, including the project name and address.		
All relevant personnel consulted during the development of the SWMS.		
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.	\boxtimes	
Foreseeable hazards are identified and documented for each step.		
Any hazards listed in any site risk assessments have been added to the SN S.	\boxtimes	
SWMS initial risk (IR) column as well as residual risk (RR) column completed.	\boxtimes	
Check control measures added to the SWMS are the most effective sour tions.	\boxtimes	
Responsible person is assigned and listed on the spin central procentation of control measures.	\square	
Permit or licenses requirements specified, so in as Hot Work, Electrical Work, Work at Heights etc.	\boxtimes	
SWMS identifies plant and equipment to be	\boxtimes	
Details of inspection checks required for any equipment lister are noted on the SWMS.	\square	
Describes any mandatory qualifications, experience, ang or skills required to perform the work.	\boxtimes	
Applicable personal protective equipment is selected on the SWMS.	\square	
Reflects and documents any legislative references and/or Australian Standards.	\boxtimes	
Identifies any hazardous substances used with specific control measures in line with any SDS.	\square	
REVIEWED BY	DATE REVIEWED	
SIGNATURE	DATE COMP	LETED