

Plant Commissioning Acti	vities SAFE WORK METH	HOD STATEMENT (SWMS)	
TASK OR	ACTIVITY: Plant Commissioning	Activities	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E ail:	
THIS SAFE WORK METHOD	STATEMENT IS APPROV D BY	THE PC. OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or und	required to en that a safe work method	statement (SWMS) is prepared before
Full Name:			
Signature:	NY	Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	compliant e of the SWIL as well as re	eviews and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS VMS HAVE THE FOLLOWING COMMUNICATED	NA. 2 OF ALL RELEVANT PERSONN EVELOPMENT AND APPROVAL OF	IEL WHO HAVE BEEN CONSULTED AND (THIS SWMS	COMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched ed in according with regislative requirements to first identify any site hazards, to contribute those hazards and then to further take steps to either eliminate or conclude acchimacy.			
If an incident or a near miss occurs, all work must stead dately. 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:	
ANY HIGH-RISK CONSTRUCTOR	ON WC & BEIN C & RIED OUT
involves a risk of a person falling more than 2 meters	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-hearing	☐ is carried out on or near energised electrical installations or services
☐ involves demolition of an element related to the physical interrity structure	☐ is carried out in an area that may have a contaminated or flammable atmosphere
☐ involves, or is likely to involve, disturbing as	☐ involves tilt-up or precast concrete
involves structural alteration or repair the requires to rary so port to prevent collapse	☐ 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	☐ 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 an or tunnel involving use of explosives	☐ is carried out in areas with artificial extremes of temperature.
is carried out in or near water or other liquid that involves a risk of drowning.	involves diving work.
ANY HIGH-RISK MACHINER	Y OR EQUIPMENT NEARBY



RISK MATRIX												
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION		HEIRARCHY OF CONTROLS			
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE	SCORE	SCORE	SCORE	ACTION		Elimination Remoy e 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 before work starts.		Replace the hazard.			
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.		Isolation Isolate People from the hazard			
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	nitor and records		Engineering Isolate the hazard.			
is the second m	archy of Controls: nost effective methologing the work is	od of controlling a	a hazard. Engine	ering by isolat	ion is the nost of	e. tive, while	ard. Substitution e Administrative least effective		Administrative Change the work.			

						TIVE EQUIPM					
		Select the app	propriate PPL	abo suitak	ok for the equip	oment used or	the job task	being perfori	med (if applica	able).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	THE ARING STION	P _cCTION	PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE R	equired:										
	Pe	ermit or Licen	ses Requirem	ients		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																							
			- Provide comprehensive training sessions all personnel involved in the commissioning activities to ensure they understand the processes all hazards - Conduct a thorough assessment of each we have the required skills																								
			and knowledge.																								
			- Develop detailed standard corating procedures in Post of ensure all staff are familiar with them prior to commencing work																								
			- Ensure that a tracessary person protective relipment (PPE) is available and being used correctly by all workers it inved in the																								
			- Care ut registrates and rectify any issue mediations. Compliance with established safety procedures and rectify any issue mediations.																								
			- Insta ple signat around the plant area highlighting potential hazards and mandatory PPE require ant																								
1. Preparation	Lack of training, Inadequate safety equipment	зн	Implement a baildy system, pairing less experienced workers with seasoned staff to promote knowledge that fer a d over 19th.	2M																							
	equipment		Organ emergency drills specifically tailored to plant commissioning activities to prepare workers for expected situations.																								
																										- Ensure that all machinery and tools are regularly inspected and maintained according to manufacturer's specifications.	
			- Limit access to commissioning areas to only qualified personnel to reduce the risk of untrained individuals entering hazardous zones.																								
			- Develop a checklist for all preparatory tasks to be completed before starting the commissioning process, ensuring no steps are overlooked.																								
			- Set up a communication plan involving regular briefings and updates so all team members stay informed of progress and changes in procedures.																								
			- Assign a dedicated safety officer or supervisor for the duration of the commissioning activities to monitor adherence to safety practices.																								
			- Establish a reporting system for potential hazards or near-miss incidents, encouraging workers to report without fear of reprisal.																								
			- Conduct a thorough pre-start inspection to identify any potential issues or defects with the equipment.																								
2. Equipment Check	Mechanical failure, Electrical hazards	3H	- Ensure all personnel are trained and competent in the use of the specific plant and aware of emergency procedures.	1L																							
			- Implement lockout/tagout procedures to ensure machinery is de-energised before inspection or maintenance.																								



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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
			- Use personal protective equipment (PPE) such as gloves, safety goggles, and electrical hazard-rated footwear.	
			- Verify that all guards and safety devices are further and correctly positioned before operation.	
			- Regularly maintain and service equipment cording to the manufacturer's recommendations to prevent mechanical failures.	
			- Utilise insulated tools and equipment to minimise the risk of electrical shocks.	
			- Establish and maintain cleric communication process among team members during commissioning activities.	
			- Ensure the work and free in a water and other anductive materials that could lead to electrical hazards.	
			- Have appropriate fire extra uishers and fire and kits readily available at the site in case of emergencies.	
			- Con the a thorough site inspection to identify potential tripping hazards such as uneven surfaces or loose ab	
			- Clearly man, all tripps hazards with high-visibility tape or signage to alert workers and visitors.	
			insure. Il wall, ays are clear and unobstructed by removing unnecessary equipment, tools, and mail fals	
			Require workers to wear appropriate footwear with non-slip soles to reduce the risk of slipping and ping.	
			- Implement a housekeeping routine to regularly check and remove waste or debris from work areas.	
			- Position barriers or guardrails around any openings or edges where there is a risk of objects falling.	
3. Site Layout	Tripping hazards,	2M	- Secure all tools and equipment when not in use to prevent them from being knocked over or off elevated areas.	1L
			- Use tool lanyards for hand tools used at height to prevent them from dropping and causing injury below.	
			- Erect exclusion zones below areas where work is being performed at height to protect those on the ground.	
			- Ensure that storage areas for heavy materials are stable and capable of supporting weight without collapsing.	
			- Train workers on avoiding and recognising potential falling object hazards while working on-site.	
			- Regularly inspect hoisting equipment and lifting mechanisms to ensure they are functioning correctly and safely.	
			- Install safety nets or catch platforms under areas where there is significant risk of tools or materials falling.	
1. Installation	Manual handling injuries, Equipment malfunctions	3H		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
5. Connection to Power Supply	Electrical hazards, Fire risk	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
6. Initial Test Run	Uncontrolled machine movements Noise hazards	ЗН		1L



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7. Adjustments	Contact with moving parts, Incorrect adjustments leading to machine malfunction	ЗН		2M
8. Full Test Run	Excessive speed/pressure, Unexpected machine behaviours	ЗН		2M



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				I
				1
	Miscommunication Error stue to ck of			I
9. Staff Training	Miscommunication, Erro due tock of knowledge	3H		1L



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10. Regular Maintenance Checks	Missed inspections, Overlooking wear and tear	2M		1L
11. Emergency Procedure Overview	Inefficient procedures, Unclear evacuation routes	2M		1L



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12. Machinery Cleaning and Decontamination	Contact with hazardous substances, Slip, trip and fall hazards	2M		1L

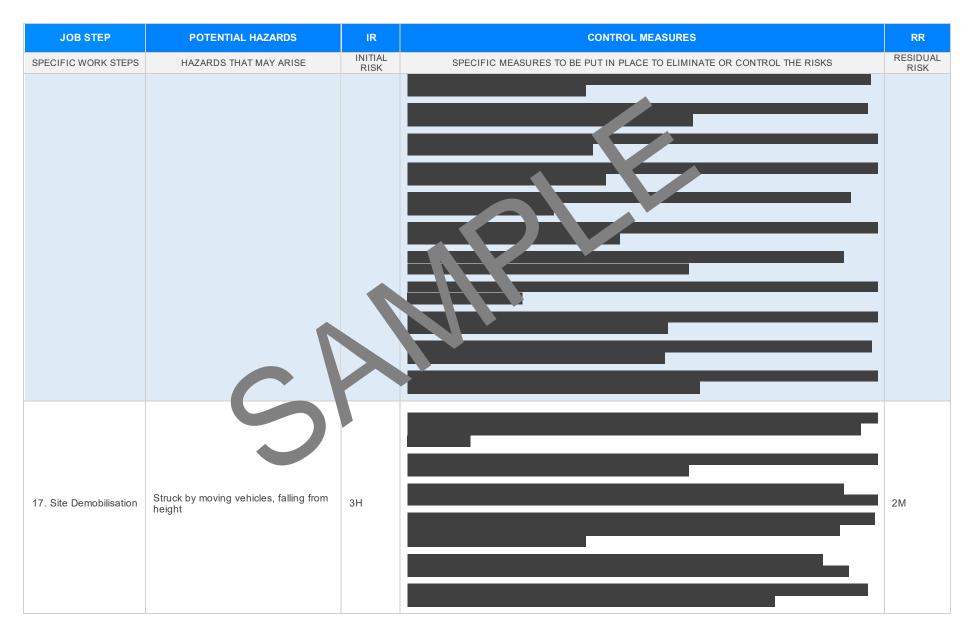


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
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13. Packing up and Clean-up	Loose materials causing slip hazards Heavy lifting	211		1L
14. Documentation and Record Keeping	Missed or incorrect entries, data breaches	2M		1L



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15. Feedback and Process Improvement Review	Missed checkpoint, overlooking performance deficiencie	2M		1L







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18. Post- Commissioning Checks and Audits	Non-compliant operation over king deficiencies	2M		1



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19. Staff Debriefing	Miscommunications, conflict/rift among staff	1L		1
20. Reporting and Documentation	Incorrect entries, overlooking important data	2M		1 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 REFERENCE. IN ANY STATEMENT 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/legis

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

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 201

Work Health and Safety (National Uniform Legislation) Regulations 26

Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/prkplacefety-la

Codes of Practice NT: https://worksafe.nt.gov.av and-reso pes des ractice

South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (S

Legislation for SA: https://www.safework.sa.gov.au/resources gislation

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

Ocupational Health Safety A 2004

Oct ational Health an Safe* regulations 2017

- Legis ion VIC: https://www.orksafe.vic.gov.au/occupational-health-and-safety-act-and-
- qular v
- des of actice VI 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	Signature	Date

SAFE WORK IN 'THIS 'S' ITEM ON MONITORING AND REVIEW

The SWMS must be reviewed regularly to make sure it remain effect, and must be reviewed (and revised if necessary) if relevant control measures are revised. The view as should be carried out in consultation with workers (including contractors as unputractors of the SWMS and their health and safety registeratives who represented that work group at the workplace.

When the SWMS has been revised the PCBD mest ensure the all persons involved with the work are advised that a revision has been made and how they can accept the revised SWMS, including all persons who will need to change a work procedure or system as a rest of the review are advised of the changes in a way that will enable them to implement their duties the total 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:

- Spot Checks.
- 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	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.	7	
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 SV 5.		
SWMS initial risk (IR) column as well as residual risk (RR) column ampleted.		
Check control measures added to the SWMS are the most effer ve secutions.		
Responsible person is assigned and listed on the splenetation of control measures.		
Permit or licenses requirements specified, so in as Hot Work, Electrical Work, Work at Heights etc.		
SWMS identifies plant and equipment to be		
Details of inspection checks required for any equipment lister are noted on the SWMS.		
Describes any mandatory qualifications, experience, and or skills required to perform the work.		
Applicable personal protective equipment is selected on the SWMS.		
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 REV	/IEWED
SIGNATURE	DATE COM	PLETED