



Maintenance of Excavator I	Buckets   SAFE WORK ME	THOD STATEMENT (SWMS)	
TASK OR A	CTIVITY: Maintenance of Excava	ator Buckets	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E fil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROTO BY	THE PCL OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or under the (PC 1) is	required to en that a safe work method s	statement (SWMS) is prepared before
Full Name:			
Signature:	NY	Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	opliance the VMS a well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS MIS MIS MIS MIS MIS MIS MIS MIS MIS M	NA, ¿ OF ALL RELEVANT PERSONNI EVELOPMENT AND APPROVAL OF	EL WHO HAVE BEEN CONSULTED AND CO	OMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched ed in accomply with gislative requirements to first identify any site hazards, hazards and then to further take steps to either eliminate or continuate hazard.			
If an incident or a near miss occurs, all work must sto, an alately. 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 BIOK CONSTRUCTOR	NAME OF THE POLIT
ANY HIGH-RISK CONSTRUCTOR	N WC & BEIN C ARIED 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-bearing	$\square$ is carried out on or near energised electrical installations or services
☐ involves demolition of an element related to the physical integral of a functure	☐ is carried out in an area that may have a contaminated or flammable atmosphere
☐ involves, or is likely to involve, disturbing asb	☐ involves tilt-up or precast concrete
☐ involves structural alteration or repair that —quires term — v sup —rt 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 that. tunnel involving use of explosives	☐ is carried out in areas with artificial extremes of temperature.
$\square$ 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	HEI	RARCHY 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 before work starts.		Replace the hazard.	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Isolate	e People from the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	nitor and		Engineering Isolate the hazard.	
is the second m	rchy of Controls: ost effective metho nging the work is th	d of controlling a	hazard. Enginee	ering by isolati	on is the in ost e	en 'ive, while	rd. Substitution Administrative effective		Administrative Change the work.  PPE	

				PERS		TIVE EQUIPM					
		Select the app	ropriate PPŁ	abo v uitab	cor the equi	pment used or	the job task	being perforr	ned (if applica	ıble).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING ETION	P ECTION	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	ents		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	Poorly maintained equipment, Incorrect use of PPE	2M	Regularly inspect and maintain equipment conduct routine inspections and maintenance of excavator buckets as recommended by the manufacts. This includes checking for wear and tear, potential damage, and ensuring all components are invitable in the condition of the condition of the risk of accide.  Clear worksite: Ensure the area around the extra ator is clear of debris, obstacles, and tripping hazards before beginning work to redo. The risk of accide.  Provide adequate training: Ensure all personnel operang or working near excavators have received proper training including the poper on, safety protocols, and PPE usage.  Develop situated from the poper on, safety protocols, and PPE usage.  Develop situated from the poper on, safety protocols, and PPE usage.  Utility or orbits of the protocol of the season of the personal protective equipment such as gloves, hard in sometime of vive control of usures accordingly.  Utility orbits of the protocol of the season of the personal protective equipment such as gloves, hard in sometimes idelines: Always follow the manufacturer's instructions and guidelines for maintain grant pactures idelines: Always follow the manufacturer's instructions and guidelines for maintain grant pactures idelines: Always follow the manufacturer's instructions and guidelines for maintain grant pactures idelines: Always follow the manufacturer's instructions and guidelines for maintain grant pactures idelines: Always follow the excavator bucket, ensure it is locked out and to be to prevent accidental activation of the equipment during maintenance.  It left the devices: If heavy components need to be lifted or moved during maintenance, utilise suitable lift in devices and follow safe lifting practices to minimise manual handling risks.  Maintain communication: Always communicate with team members when undertaking maintenance activities, particularly in areas with limited visibility or accessibility, to prevent accidental injury.  Implement an incident reporting system: Encourage workers to report a	1L
2. Pre-start inspection	Inadequate inspection, Unnoticed defects	ЗН	<ul> <li>Ensure all personnel conducting pre-start inspections have received appropriate training and are competent to perform the task.</li> <li>Develop and implement a comprehensive pre-start inspection checklist, specific to the make and model of the excavator and bucket.</li> <li>Communicate any potential hazards or defects identified during the previous shift's inspection, maintenance activities, or from equipment usage-related incidents.</li> </ul>	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
			- Encourage employees to report any concerns or issues related to equipment condition and functionality promptly.	
			- Conduct visual inspections for visible defects such a cracked welds, damaged or worn components, excessive rust, and wear on wear surfaces and that ing edges.	
			- Inspect attachment points, hydraulic conhections, and being mechanisms for proper functioning and security.	
			- Check for proper condition, tension and alignment of belts, hoses, and fluids.	
			- Verify the availability and accession of necessary tools and personal protective equipment (PPE) before commencing equipment equipment inspection and the menance tasks.	
			- Regularly review and uptone prepart inspection and maintenance protocols to ensure adherence to Australian strutards, regularly bns, all best protocols.	
			- Scherolle per tic qualificated audits by an expendent third-party to ensure work processes and procedures compare th currous ralian WHS requirements.	
			- Implemental preventive maintenance programme to address wear and tear and to prevent long-term defects	
			Ensure he we space is adequately lit and suitable for carrying out inspections and maintenance a vities ficient and safely.	
			Keep led records of all pre-start inspections, including equipment condition report, any identified fects and maintenance actions undertaken, and escalation procedures followed when necessary.	
			Ensure that all workers involved in loading the excavator are provided with proper training and competency assessments to safely operate equipment and handle loads.	
	5		- Conduct a pre-operational safety check before initiating any loading tasks, including a visual inspection of the working area, equipment, and materials.	
			- Establish clear communication channels between the loaders, operators, and supervising personnel, and employ appropriate hand signals or wireless communication devices to coordinate tasks efficiently.	
			- Utilise lifting accessories and devices that are suited for the specific excavator bucket size, weight and centre of gravity, ensuring they comply with Australian safety standards.	
3. Loading excavator	Struck by objects, Overloading	3H	- Regularly inspect and maintain lifting accessories, slings, chains, shackles, and hooks, replacing them when signs of wear or damage are detected.	1L
			- Always confirm the accurate weight of the materials being loaded to prevent overloading the excavator bucket, which may lead to structural failure or tipping hazards.	
			- Follow the manufacturer's recommendations on load limits and capacities for every excavator model, never exceeding these predefined guidelines.	
			- Keep the surrounding work areas clean and free from obstructions to minimise the risk of workers being struck by objects during the loading process.	
			- Whenever possible, designate exclusion zones around the loading area to restrict access to only essential personnel, thereby reducing the number of people susceptible to potential hazards.	



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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
			- Maintain a safe distance from the edge of the excavation site while operating the excavator, continually assessing ground stability and conditions.	
			- Implement a suitable Traffic Management Plan to gulate the movement of vehicles and pedestrians in proximity to the loading zone, thereby prevent accidents and collisions.	
			- Instruct workers to avoid standing beneat, uspended that's originating from the excavator bucket, mitigating the risk of injuries resulting from fairing matters or equipment.	
			- Employ the use of Personal Protective Equipm (PPE) such as hard hats, high-visibility clothing, steel-toed boots and gloves as a suplementary protection measure against potential hazards.	
			- Foster a culture of safety and then communication that the workplace, whereby workers are encouraged to remain also or that a practices immediately, allowing for swift corrective action and continuous immediate in sealth at safety process.	
4. Accessing work area	Slips and falls, Trans	₹M		1L



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5. Setting up work area	Inadequate barricading, Poorly positioned signage	2M		1L
Setting up excavation bucket	Incorrect attachment, Falling objects	3Н		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
7. Excavation process	Contact with utilities, Collapse of adjacent structures	4A		<b>I</b> 3H



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8. Managing spoil heaps	Heaps obstructing vision, Loose materials falling	2M		1 1L



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9. Working in confined spaces	Reduced air quality, Difficulty evacuating in emergency	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
10. Operating near overhead powerlines	Electrocution, Ineffective salety observer	4A		ЗН



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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
11. Maintenance checks	Inadequate maintenance Ignoring safety protocols	3H		2M
CHECKS	salety protocols			
				I



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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
12. Refuelling	Fire or explosion, Contact with hazardous substances	2M		I 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
13. Lifting loads	Overloading equipment, Load instabil	ЗН		1L
14. Shutting down and securing site	Unauthorised access, Accidental activation of controls	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
15. Clean up and waste disposal	Improper waste handling, Excessive manual handling	2M		<b>1</b> L



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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			



#### **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/

Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis > odes-oi racti

#### **Northern Territory**

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 2011

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/legislation

Codes of Practice for SA: https://www.safework.sa.gov.au/work\_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 Infety gulations 2017

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

gulat

des on actice VI autps://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: <a href="https://www.commerce.wa.gov.au/worksafe/legislation">https://www.commerce.wa.gov.au/worksafe/legislation</a>

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 THE STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to make sure it remains a fective of must be reviewed (and revised if necessary) if relevant control measures are revised. The view process should be carried out in consultation with workers (including contractors of the SWMS and their health and safety representatives who represented that work group at the workplace.

When the SWMS has been revised the PCBU mast ensure that 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 rest of the review are advised of the changes in a way that will enable them to implement their duties and the 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.
- 2. Consultation with workers, contractors and sub-contractors.
- 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.	1	
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 SWMS		
SWMS initial risk (IR) column as well as residual risk (RR) column pleted.		
Check control measures added to the SWMS are the most effective selective selective.		
Responsible person is assigned and listed on the part the important of measures.		
Permit or licenses requirements specified, sur as Hot Work, Electric Work, Work at Heights etc.		
SWMS identifies plant and equipment to be us		
Details of inspection checks required for any equipment listed a noted on the SWMS.		
Describes any mandatory qualifications, experience, 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 REVIEWED	
SIGNATURE	DATE COMPLETE	D