



Concrete Boom Pum	p SAFE WORK METHOD	STATEMENT (SWMS)	
TASH	OR ACTIVITY: Concrete Boom	Pump	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E 111:	
THIS SAFE WORK METHOD	OTATEMENT IO APPROVED BY	THE DO LOS THE CONTOU	
THIS SAFE WORK METHOD	STATEMENT IS APPRO' TO 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 a (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 a	poliance the VMS a well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS SUMS IN HAVE THE FOLLOWING COMMUNICATED	NA 2 OF ALL RELEVANT PERSONNI EVELOPMENT AND APPROVAL OF	EL WHO HAVE BEEN CONSULTED AND COTHIS SWMS	OMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched ed in account with gislative requirements to first identify any site hazards, comparing those hazards and then to further take steps to either eliminate or continuous each hazard.			
If an incident or a near miss occurs, all work must sto, an attely. 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			Ma	andatory Qual	ifications 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								
			- Conduct a thorough risk assessment before commencing any work to identify and address trip hazards and other potential risks related to the conduct a boom project.									
			- Mark and cover all cables, hoses, and obstruction the area where the concrete boom pump is operating to minimise the risk of tripping.									
			- Use appropriate signage and parriers to indicate a as we potential trip hazards, ensuring that clear pathways are maintained throughout the worksite.									
			- Implement a basekeeping routing luring work purs, ensuring that the workplace is kept clean and free from debris a spills that a lid cause trip be ands.									
			- Instrumall wounts to the arcorrect personal protective equipment (PPE) for the task, including safety boots anti-should ship visibility clothing, safety glasses, gloves, and hard hats.									
			- Proving power training and safety inductions for workers about the use of the concrete boom pump, including hours recognize potential risks and take precautions against trip hazards and accidents.									
1. Preparation	Trip hazards, Incorrect PPE	2M	Establic an emergency response plan with clear procedures and designated personnel roles for dealing with any curies, didents, or accidents resulting from trip hazards or incorrect use of PPE.	1L								
			Regular inspect and maintain the concrete boom pump and related equipment to ensure it is in safe rking condition, scheduling repairs as necessary.									
											- In plement a pre-start safety checklist for the concrete boom pump to verify that all safety procedures and equipment are in place before starting work on each shift.	
				- Assign a competent person or supervisor to oversee the safe operation of the concrete boom pump and monitor compliance with established safety protocols throughout the workday.								
			- Frequently communicate with workers about any changes in work conditions, new hazards, or updated safety measures to keep them informed and aware of potential trip hazards and necessary PPE requirements.									
			- Encourage a positive safety culture in the workplace through regular meetings and open discussions to promote vigilance and awareness of trip hazards, the importance of wearing appropriate PPE, and the value of ongoing training and education in mitigating risks associated with operating a concrete boom pump.									
			- Conduct a thorough site inspection before commencing work to identify any potential hazards, including uneven ground and the presence of overhead powerlines, and develop strategies to mitigate those risks.									
2. Site assessment	Uneven ground, Overhead powerlines	3H	 Utilise a site-specific risk assessment and map out the working area, clearly marking any uneven ground or areas that are deemed unsafe for equipment setup and operation. 	1L								
			- Implement measures such as compacting soil, using temporary platforms or providing adjustable outriggers on the concrete boom pump to ensure stability on uneven surfaces and reduce the risk of mishaps during operation.									



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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
			 Clearly mark and maintain safe distances from overhead powerlines according to local regulations and guidelines, ensuring that all workers are aware of the boundaries and do not engage in any activity that may encroach these "no-go zones". Develop and enforce appropriate exclusion zones around the concrete boom pump where workers must not enter without permission or clearance, thoug into consideration the potential reach of the boom pump during operation so as to avoid contact with merhead not erlines. Provide comprehensive training and information essions for all workers involved in operating or working near the concrete boom pump focusing specification hazard a ognition and control measures associated with both unevent aund surfaces and merhead awerlines. Regularly review and talte subspecific safety productes and monitor their implementation, making adjustments as a dessary presponde to changer in the working environment or emerging risks. Require allow rivers to we appropriate productive equipment (PPE) while on site, such as high-virtibility with sand both hats, to minuse the risk of accidents involving heavy machinery and obscent visibility. Community at efficiency with utility companies to obtain accurate information about the location and voltage of outhead proverlines, enabling accurate planning and implementation of risk control measures. Encour ge an open conducte of communication and reporting on site where workers feel comfortable and go control of communication and reporting on site where workers feel comfortable and continuous improvement in health and safety practices on the vork site. 	
3. Set up boom pump	Pinch points, Falling equipment	ЗН	 Inspect equipment: Prior to setting up the boom pump, conduct a thorough visual inspection to ensure all components are in proper working condition, including couplings, valves, and hoses. Trained operators: Only authorised, trained, and competent individuals should handle the equipment during the setup process to reduce potential health and safety risks. Establish exclusion zones: Set up barricades and demarcated areas around the work site to prevent unauthorised access and keep workers at a safe distance from pinch points and falling equipment hazards. Use Personal Protective Equipment (PPE): Ensure that all personnel handling the boom pump are equipped with appropriate PPE, including gloves, hard hats, safety glasses, and steel-toed boots. Implement communication protocol: Maintain clear and effective communication between the operator and ground crew during the entire setup process to stay informed of any potential hazards or changing conditions. Double-check connections: Before using the boom pump, confirm that all connections and couplings are secure, preventing unexpected releases or detachment of equipment parts. Position outriggers correctly: To increase stability, be sure to deploy boom pump outriggers on solid, level surfaces and follow the manufacturer's guidelines in terms of weight distribution and setup. Secure loose items: Check for and secure any loose equipment, tools, or materials near the boom pump to avoid them becoming falling objects. 	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
			- Follow a lifting plan: Adhere to a structured lifting plan when raising the boom sections to minimise the risk of accidents and maintain control throughout.	
			- Monitor wind speed: Windy conditions may pose threat to safe boom operation; therefore, continuously monitor wind speed and cease activity if it surprises the manufacturer's recommended limit.	
			- Conduct toolbox talks: Perform regular to pox talks with the work crew to reinforce awareness of the hazards and control measures associated with peraltary a concrete boom pump.	
			- Implement an emergency response plan: Have well-rehearsed emergency response plan in place to quickly address any accident or incidents that me occur during the boom pump setup process.	
			- Regularly maintain equipment, othere to manufact, provided maintenance schedules and conduct necessary prevent and set timise safety and are lifespan of the boom pump.	
4. Operate boom pump	Struck by concrete, the work release	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
5. Monitor concrete placement	Manual handling risks, Stas and	2M		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
				I
6. Communication with team	Miscommunication, Noise hazards	2M		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
7. Routine maintenance checks	Entanglement, Unscheduled operation	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. Boom extension/retraction	Contact with overly distributions of the contact with	ЗН		2M



SPECIFIC WORK STEPS HAZARDS THAT MAY ARISE INITIAL RISK SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
9. Cleaning pump pipelines Risk of explosion frupture, Chemical exposure 4A	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
10. Hose management	Tripping hazards, Hose	31		



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. Demobilization	Traffic hazards, Collisions with objects	2M		1L
12. Site clean-up and restoration	Waste disposal, Environmental impact	2M		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



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/legislatide

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

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 2011

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 at Safety Act 34

Occupational Health and Infety gulations 2017

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

gulat

tes 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	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.	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 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.		
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 at 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 REVIEWE	D
SIGNATURE	DATE COMPLETE	ED ED