

Engine Crane S	SAFE WORK METHOD STA	TEMENT (SWMS)					
-	TASK OR ACTIVITY: Engine Cran	е					
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 (k 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 sched ed in accordance with egislative requirements to first identify any site hazards, conditions unical those hazards and then to further take steps to either the conditions of the cond	NAME	SIGNATURE	DATE				
If an incident or a near miss occurs, all work must strength and 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 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	erson falling more than 2 m	neters.		is carried out on or near pressurised gas mains or piping.					
is carried out on a tel	ecommunication tower.	`	M + M	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, railway, shipping lane or other traffic corridor.					
is carried out in or ne	ar 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 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
1. Preparation	Slips, trips and falls, Incorrect lifting procedures	2M	 Ensure proper training of all personnel involved in using the engine crane, focusing on appropriate lifting procedures and hazard identification. Conduct regular inspections and maintenance of the engine crane to guarantee its safe and efficient operation. Practice good housekeeping principles, keeping the look area clean and free from clutter that might cause slips or trips. Keep the floor surface in gene condition, identify an and regular any uneven surfaces, cracks, or other pote on all hazards. Wear appropriate consist a protein ive equipment (PPer) such as sturdy footwear with slip-resist a soles to a miniser to sand tri. Use cautions ans, barries for tape to acute areas where slip, trip, and fall hazardexist. Plan as sting process before commencing the task. Consider weight distribution, obstruction, and process are attachment points. Verify a cap sity of an engine crane and ensure it is appropriate for the loading lift. Allowed process slings and attachments for defects or damage prior to use; replace necess. Usition the engine crane on a flat, stable surface to prevent tipping or overturning during the lift. Implement a clear communication system between team members during the lifting process to coordinate movements and avoid confusion. Avoid rushing or making sudden movements while operating the engine crane; practice slow, controlled actions. Do not stand under the elevated load at any point during the lifting process. Adhere to Australia Workplace Health and Safety regulations, reporting any incidents or near misses observed during the preparation and execution of the engine crane tasks. 	1L	
Inspecting Lifting Devices	Faulty equipment, Inadequate inspection	3Н	 Conduct a thorough pre-operation inspection of the engine crane and associated lifting devices, checking for any visible damage or wear on slings, hooks, chains, and other components. Ensure that all employees are trained and competent in the proper use and inspection of engine cranes and lifting devices, only permitting authorised personnel to operate the equipment. Develop and implement a regular maintenance schedule for the engine crane and lifting devices, in line with the manufacturer's guidelines, to minimise the risk of faults and malfunctions. 	1L	



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			 Verify that all equipment has been regularly inspected and tagged according to the relevant regulations and Australian standards, including sling tags and Safe Working Load (SWL) information. 		
			- Utilise only certified and approved lifting device strictly following the manufacturer's specifications for capacity, carrials compatibility, and application, always considering the weight and size of the load being seed.		
			- Update and display clear signage near the enterpretation requirements, current SWL retings, and procedule for reporting by suspected faulty devices, reminding operators be diligent during by use		
			- Implement a system apportion and removing fault quipment from service immediately upon certification, entring that it is not used until repaired, tested, and authorised for use by a consistent puression.		
			- Encorrage of a commerciation amos coworkers regarding potential hazards and comercial testing decreases and equipment.		
			- Asset en onmen conditions before each shift, accounting for factors such as ground ability potential obstructions, and weather conditions that may impact the fe operation can engine crane and its lifting devices.		
	1		- Per compolbox talks with all employees at the beginning of each shift, highlighting the importance of regular inspections, sharing key findings from past audits or idents, and encouraging vigilance in reporting anomalies.		
			- Continuously review and update workplace health and safety documentation, such as standard operating procedures and risk assessments, ensuring that they address the potential hazards and control measures associated with lifting devices.		
	5		- Conduct periodic audits to assess the effectiveness of implemented control measures in minimising the risks associated with faulty equipment and inadequate inspections, adjusting procedures and training as necessary.		
			- Conduct a pre-start inspection of the engine crane to ensure it is in proper working condition and assess its load capacity for the specific task.		
			- Clearly mark out the designated work area with safety barriers or tape where the engine crane will be positioned to prevent unauthorised access and reduce the risk of being struck by moving objects.		
3. Positioning Crane	Struck by moving objects, Overloading	3H	- Ensure appropriate signage is displayed around the work area to alert workers of the potential hazards related to positioning an engine crane.	1L	
			- Conduct safety briefing and toolbox talks for all team members involved in the operation, highlighting the hazards of positioning the crane and the control measures in place.		
			- Utilise a designated spotter during positioning of the engine crane to prevent any collision with other stationary or moving objects within the workplace.		



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			 Verify the ground condition where the crane will be positioned to ensure it is level and stable, reducing the risk of tipping over or uneven loads. 		
			- Assess the weight of the load and make sure it is that engine crane's load capacity to prevent overloading and ensure safe peration.		
			- Consult the manufacturer's guidelines on the engine crane to determine proper weight distribution avoid overloading.		
			- Monitor weather conditions during the position process, as high winds can cause instability and increasing likelihood of accounts.		
			- Use Personal Protective Equipment (PPE) such as conats, high visibility clothing, and steel to a constant to in timise the risk of injury while positioning the engine crane.		
			- Implement coping monitying and correction among team members during crange sitioning includes hand signal or two-way radios, to ensure seamless and coord and move as.		
			- Develop a Limple ant emergency response procedures in case of incidents involving engage crans estitioning, such as overloading or collisions, to ensure swift action is aken minimae risks and protect worker safety.		
4. Attaching Load	Unexpected movement wash injuries	4A		2M	



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5. Lifting Load	Swinging or unbalanced load, Fall from height	ЗН		1L	



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6. Moving Load	Collision with structures, Struck by falling object	ЗН		1L	



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7. Lowering Load	Pinch points, Incorrect communication	2M		1L	



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8. Detaching Load	Lifting equipment failure, Uncontrolled movement of load	ЗН		1L	



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9. Maintenance & Storage	Poor housekeeping, Inadequate maintenance	2M		1L	



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10. Documentation & Training	Incomplete documentation, Lack of training	ЗН		1L	



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11. Emergency Procedures	Inadequate escape routes, Poor emergency response	2M		1L	



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				KIOK	



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12. Post-operational Review	Inefficiencies in process, Unidentified hazard exposure	2M		1L	



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

 $\textbf{Legislation QLD:} \ \underline{\textbf{https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws}$

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/legislati

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-syllaws

Codes of Practice NT: https://worksafe.nt.gov.au/5

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>qulat.</u>

des on actice VI autros://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	
				l te:				
			Date:					
			Date:					
				Date:				
	Date:							
		SAF WC A	STATEMENT	MONITORING AND	REVIEW			
The SWMS must be reviewed regularly to refixe sure it remains effective and must be reviewed (and revised if necessary) if relevant control measure are a constructively 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	