

Concrete Trowel Mechan	nised SAFE WORK METH	OD STATEMENT (SWMS)	
TASK O	R ACTIVITY: Concrete Trowel Me	chanised	
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 conduct the proposed work starts.	cting a business or undertaking (N 3U) is	required to ture at a safe work method s	tatement (SWMS) is prepared before
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 scheded in accordance with agislative requirements to first identify any site hazards, hazards and then to further take steps to either the condition of	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must structured. 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:				Provide a detailed description	n of the specific work being	carried out (otherwise				
Project Address:					known as cope of works).					
Project Manager:										
Contact Phone:										
Project Manager Sig	gnature:									
Date SWMS supplie	ed to Project Manager:									
		ANY HIGH	RISK CON PUCT	N' JRK BEING	CARRIED OUT					
☐ involves a risk of a p	erson falling more than 2 n	neters.	is carried out on	is carried out on or near pressurised gas mains or piping.						
☐ is carried out on a te	lecommunication tower.		$H \cap H$	is carried out on	carried out on or near chemical, fuel or refrigerant lines.					
☐ involves demolition of	of an element of a structure	that is load-be		is carried out on	d out on or near energised electrical installations or services.					
☐ involves demolition of	of an element related to the	e physical integrit of a str	3	is carried out in	carried out in an area that may have a contaminated or flammable atmosphere.					
☐ involves, or is likely t	o involve, disturbing a es	stos.		involves tilt-up or precast concrete.						
☐ involves structural al	teration or repair that re	mporal, 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	ear 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 involvir	ng use of explosives.	is carried out in areas with artificial extremes of temperature.						
is carried out in or ne	ear water or other liquid tha	at involves a risk of drowning	ng.	involves diving work.						
		ANY H	IGH-RISK MACHINER	RY OR EQUIPMEN	NT 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 -				





FOOT HAND **HEAD HEARING** SPIRATORY FACE HIGH-VIS **PROTECTIVE** FALL SUN HAIR/JEWELLERY CLOTHING **PROTECTION PROTECTION** PROTECTION **PROTECTION** PROTE DTECTION **PROTECTION** CLOTHING **PROTECTION PROTECTION SECURED**

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	Trip hazards, Overexertion	2M	 Regularly inspect the worksite to identify and remove any trip hazards such as tools, debris, or uneven surfaces. Use safety cones, cord covers, or barrier tanger control trip hazards from material storage areas, equipment, and electrical care when removing is not possible. Ensure proper lighting in the work area to it case a resultity of potential hazards for workers. Provide training on correction ag procedures for rikers, in coung bending at the knees, keeping a straight back and avoiding twistin white using heavy objects. Ensure Mechanica are the relieve equipment is regularly maintained and inspected for an defects to could had to over certion or accidents. Encourage in that break or worker are sold fatigue and overexertion. Implement rotation chedular if no usary to preve a repetitive strain injuries. Provide a nonomally designed tools and equipment for workers to reduce strain and many the rise of overexertion. Ensure appropriate personal protective equipment (PPE) is worn by workers, bluding lon-sit footwear and gloves, to prevent slips, trips, and falls. Important a clear communication system among team members, including hand ignals sourbal communication, to alert others of potential hazards or when instance is required. Store tools and materials in designated areas when not in use to maintain an organised workspace and reduce the likelihood of trip hazards. Foster a culture of safety within the workplace, encouraging workers to report concerns, and regularly reviewing safe work practices. Designate pathways and keep them free from obstructions to promote safe movement throughout the work area. Assess the workload and allocate appropriate staffing levels to ensure tasks are completed efficiently without placing undue stress on workers, putting them at risk of overexertion. 	1L	
2. Equipment Inspection	Malfunctioning equipment, Electrical hazards	3Н	Regular equipment inspection: Ensure that the trowel machine is inspected and maintained regularly by qualified personnel, following the manufacturer's guidelines and maintenance schedule. Pre-start checks: Perform pre-start checks before using the equipment each day to identify any potential issues, such as worn or damaged parts, loose bolts, and proper fluid levels. Electrical safety checks: Ensure that all electrical components, including cables, plugs, and switches, are in good working condition and free from visible damage.	2M	



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			- Ground Fault Circuit Interrupter (GFCI): Use a GFCI for all electrical connections to prevent electrical shocks and reduce the risk of electrocution.		
			- Safety controls: Equip the concrete trowel machin, with appropriate safety controls, such as emergency stop buttons, guards and controls and lockout/tagout devices.		
			- Training and competency: Ensure that all o, ators perve proper training and demonstrate competence in operating the trow to recognise and respond to retential hazards.		
			- Clear and safe area: Maintain clear, safe work a part of the trowel machine, keeping cords and a security fastened and away with water sources and high-traffic areas.		
			- Personal Practive Equiratent (PP Report Hat all workers wear appropriate PPE when opening or wing near the well machine, including safety footwear, eye praction, governed hearing protection if necessary.		
			- Prop line g techn ues: Train workers in proper lifting techniques to prevent accide a hinjurie lated to the handling and transport of heavy equipment and material		
	•		of e. w king day to ensure that the trowel machine is turned off, electrical onnect. are disconnected, and the equipment is stored safely.		
			- Inspect and survey the site before commencing work to identify any uneven surfaces, obstructions or potential hazards that may cause accidents during the operation of the concrete trowel machine.		
			- Establish a well-defined work area using appropriate barriers, signage, and traffic cones to prevent unauthorised access by pedestrians or vehicles.		
			- Perform regular maintenance and checks on the concrete trowel machine to ensure it is in good working condition and can safely operate on uneven surfaces.		
3. Site Layout	Uneven surfaces, Collisions with pedestrians or vehicles	2M	- Educate all personnel involved in the project about the importance of maintaining a safe distance from the equipment while it is operating to avoid collisions with pedestrians, other workers, and vehicles.	1L	
			- Ensure that a designated spotter is present at all times who is responsible for monitoring the activities around the work area to prevent potential collisions between the equipment and pedestrians or vehicles.		
			- Provide adequate lighting in the work area as necessary, especially during low-visibility conditions, to improve visibility and safety for both the operator and any individuals nearby.		
			- Consider using high-visibility vests, hard hats, and other personal protective equipment (PPE) for all workers in the vicinity of the concrete trowel machine, to increase their visibility to the operator and others.		



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			- Develop and implement clear communication protocols among team members, including hand signals and radio communications, to ensure swift coordination, and fast decision-making in case of emergencies or unexpected changes in work conditions.		
			- Establish a procedure for reporting and properly addressing any issues related to uneven surfaces, obstructions, and other hands that the procedure during the operation of the concrete trowel machine.		
			- Implement a regular schedule for site inspection and hazard resessment to continuously identify, address and monitor any new prexistory fisks associated with the use of mechanised concret lower machines.		
			- Conduct period vaining assion and refreshers on workplace health and safety practices release to the use and peration concrete trowel machines, ensuring all workers are vell-inform and up-lease and proper procedures and safety means.		
4. Mixing Concrete	Skin irritation, Inhalation delust	ЗН		2M	



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5. Pouring Concrete	Manual handling it rries, Slips and falls	2M		1L	



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6. Levelling Concrete	Back strain, Falling	3M		1L	



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7. Power Trowel Operation	Noise, Vibration	31		2M	



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8. Edging and Jointing	Sharp tools, Repetitive strain injuries	2M		1L	



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9. Curing Process	Contact with chemicals, Inadequate ventilation	ЗН		2M	



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10. Finishing Surface	Exposure to wet cement, Eye hazard	2M		1L	



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11. Clean-up	Improper lifting technique, Exposure to hazardous materials	2M		1L	



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12. Maintenance and Storage	Fires due to flammable materials, Unsafe storage conditions	2M		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 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 > odes-or racti

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/s

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 at Safety Act 34

Occ. ational Health and afety gulations 2017

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

<u>qulat.</u>

des on actice VIC actps://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.

	Tollow ally sale work instructions which are provided, and agrees to use all reisonal riotective Equipment where appropriate.							
Worker Name	Pos	sition	Signature	Date	Time	Sup	pervisor	
				Date:				
				_				
				Date				
				l te:				
			AV	Date:				
				Date:				
				Date:				
				Date:				
	SAF WC A STHUD STATEMENT MONITORING AND REVIEW							
The SWMS must be reviewed regularly to rake sure it remains effective and must be reviewed (and revised if necessary) if relevant control measure are subcontract as who may be affected by the operation of the SWMS and their health and safety representatives who re 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			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					
them to understand and imp					tently developing ever-imp	3 ,	· '	
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	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	
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 SWI			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effective sections.			
Responsible person is assigned and listed on the SWMS for the imperent of contameasures.			
Permit requirements specified, such as Hot Work, Electrical Work, Vocat Heights etc.			
SWMS identifies plant and equipment to be u d.			
Details of inspection checks required for any equipment listed at 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.			
Identifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE R	EVIEWED	
SIGNATURE	DATE CO	MPLETED	