

Trencher Tractor Typ	pe SAFE WORK METHOD	STATEMENT (SWMS)	
TASI	K OR ACTIVITY: Trencher Tractor	r Туре	
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 PLOOF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or undertaking (I SU) is	required to turn 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	ILL RELEVANT PERSONNEL WHO HAVE B OPMENT 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, conditions unical those hazards and then to further take steps to either the conditions of the conditions are conditionally as a condition of the condition of the condition of the conditions are conditionally as a condition of the cond	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must standardly. 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.			



		CL	IENT OR PRINCIPAL	CONTRACTOR D	DETAILS			
Client:						SCOPE OF WORKS		
Project Name:					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 or near pressurised gas mains or piping.				
☐ is carried out on a te	lecommunication tower.		M + M	is 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 or near energised electrical installations or services.				
☐ involves demolition of	of an element related to the	e physical integril of a str	3	is 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 o	r 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, railwa	ay, shipping lane or other tr	affic corridor.	
is carried out in or ne	ear a confined space.			is carried out in	an area of a workplace where t	there is any movement of po	owered 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	f temperature.		
is carried out in or ne	ear water or other liquid tha	at involves a risk of drowning	ng.	involves diving v	vork.			
Project Address: Project Manager: Contact Phone: Project Manager Signature: Date SWMS supplied to Project Manager: ANY HIGH-RISK CON 3UC1 V. JRK BEING CARRIED OUT involves a risk of a person falling more than 2 meters. is carried out on a telecommunication tower. involves demolition of an element of a structure that is load-be in. known as a cope of works). Nown as a cope of works). Nown as a cope of works). ANY HIGH-RISK CON 3 UC1 V. JRK BEING CARRIED OUT is carried out on or near pressurised gas mains or piping. is carried out on or near chemical, fuel or refrigerant lines. involves demolition of an element of a structure that is load-be in.								
☐ 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.



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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	Storage of equipment, Pedestrian access	2M	 Designate specific storage areas for equipment and materials, ensuring they are clearly marked and easy to access, while not obstructing any pedestrian walkways or access points. Regularly inspect the storage areas to entire all equipment is stored securely and correctly, minimising the risk of damage, spector other in dents that may pose a hazard to workers or pedestrians. Install barriers or fencing around the work area of ere trenche functors will be operating, in order to separate he work zone from a destrict careas and reduce the risk of accidents. Clearly mark not striam of hways with signage and physical barriers (e.g., cones, tape) so that careas and prestrial mare well ware of the designated walkways and potential, pazardous peas. Implicant a transfer wagement plan to control the movement of equipment and vehicle to bin the cark site, ensuring that there are safe routes for both machines and peas ons. Provio trails to all off involved in the operation of trencher tractors on safe ork practices, bluding proper storage of equipment, maintaining clear pedestrian access, busing proper storage of equipment and vehicle to see the site of the site's traffic management plan. Developed emergency response plan for the work site that outlines procedures to low in case of an incident involving equipment storage or pedestrian access has rds, such as equipment falls or collisions. Conduct regular toolbox talks with all team members to reinforce safety protocols for equipment storage, pedestrian access, and other relevant aspects of trencher tractor work. Monitor weather conditions and take necessary precautions when it comes to equipment storage and pedestrian access, ensuring safe and reliable conditions during periods of rain, high winds, or other adverse conditions. Perform regular audits of the worksite safety measures, including evaluations of storage areas and pedestrian access routes, in order to identify potential hazar	1L	
2. Site Assessment	Incorrect location choice, Poor weather conditions	ЗН	 Conduct a thorough site inspection: Before any work is initiated, ensure that a comprehensive site assessment is conducted by a qualified professional to identify the optimum location for trenching and minimise potential hazards. Develop a site-specific safety plan: Create a detailed safety plan that outlines the necessary precautions and control measures to be taken during the course of the trenching project based on the site assessment findings. Mitigate weather-related risks: Regularly monitor weather forecasts and avoid conducting trenching activities during poor weather conditions such as heavy rain, strong winds, or extreme temperatures that may pose a risk to worker safety or impact the structural integrity of the trench. 	1L	



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			 Establish clear communication protocols: Ensure all team members are aware of established communication channels (such as two-way radio or hand signals) to report any risks or changes in the work environment comptly. Utilise appropriate personal protective equipment (PPE): Require workers to wear necessary PPE such as hard hats, high visit my clothing, and safety boots to protect them from potential hazards at the worksite. Provide adequate training: Ensure that all work movived in trenching operations receive appropriate training for the safe operation of machiner mazard recognition and response, and general safety procedures released to the specific tasks. Maintain proper documentation feep up-to-date remais of site assessments, safety plans, and addent morts facilitate onorting hazard identification and continuous in overment or aftery measures. Implement the same management measure set up barriers, signage, and other traffic continuous is a overment or after an edgestrians from moving vehicles and machinery, ensure the action and egress points. Conduct remain an audits: Periodically review the effectiveness of control measure to a dress method and revise the workplace safety plan as needed, volving wide ange of staff in decision-making processes. Insurface quate fall protection systems: If there is a risk of falls due to the incorrect position of the provide suitable fall protection equipment (such as guardrails or fall ast systems) and train workers in their proper use. Ensure emergency response preparedness: Develop an effective emergency response plan that includes protocols for evacuation, first aid, and rescue - and regularly review and update components as required to ensure the ongoing safety of workers on site. 		
			 Proper evaluation and assessment of the worksite, taking into consideration the soil type, ground conditions, presence of underground utilities, and nearby structures to ensure accurate design and planning. Development of a detailed trench design plan, specifying the required dimensions and slopes for the excavation, along with any necessary shoring or support systems in compliance with local regulations and industry standards. 		
3. Trench Plan	Inaccurate design, Inadequate safety measures	3H	- Implementing thorough training programs for all workers involved, emphasising the importance of proper trench planning, understanding of work procedures, and following established safety protocols.	2M	
			- Regular site inspections by appropriately qualified engineers to verify the accuracy of trench design and detect any potential hazards and deviations from the established plan.		
			 Inclusion of appropriate signage and barriers around the worksite to warn pedestrians, workers, and other parties of the ongoing excavation works and its associated dangers. 		



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			- Adherence to a strict permit system that requires written sign-off from relevant authorities, ensuring all necessary precautions are undertaken and approved before commencing the trenching work.		
			- Ensure effective communication between site pervisors, operators, and workers to discuss potential concerns, changes in press, or new hazards that may arise during work.		
			- Regular maintenance and inspection of the the contractor and associated equipment, ensuring mechanical components are unctioning or eactly and safely.		
			- Development of an emergent response plan and point of first aid supplies onsite, clearly outlining the eps to be taken in case of ordents or incidents involving injuries.		
			- Clear and to ble marking undergoind uses (e.g., gas lines, water pipes, electrical cables using solve paint, flag as stakes, to minimise the risk of accident dama accomplishment.		
			- Contruct monitoring of weather conditions and forecast, adjusting work plans accordingly prevent ork from continuing during extreme weather events, which may control to the substruction integrity of the trench or pose additional risks to orkers.		
Setting up Traffic Control	Ineffective signage, Traffic mishaps	2M		1L	



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5. Trencher Pre- operation Check	Equipment malfunction, Leaking fluids	ЗН		1L	



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6. Excavation Process	Unexpected utility lines, Soil collapse	4A		2M	



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7. Spoil Pile Management	Improper placement, Environmental damage	3Н		1L	



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8. Underground Services Detection	Undetected utility lines, Incorrect markings	4A		2M	



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9. Trench Edge Protection	Inadequate barriers up and all hazards	3H		1L	



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10. Inspecting Trench	Poor visibility, Airborne con mants	ЗН		2M	



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11. Backfilling Process	Soil compaction issues, Damaged utilities	ЗН		1L	



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12. Site Clean-up	Waste management issues, Hazardous materials exposure	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/legislations/

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 201

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 al. Safety Act

Occupational Health and affety gulations 2017

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

Tulat

des on 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.

Tollow ally sale work instructions which are provided, and agrees to use all resonal riolective Equipment where appropriate.							
Worker Name	Pos	sition	Signature	Date	Time	Sup	pervisor
				Date:			
				_			
				Date			
			l te:				
			AV	Date:			
				Date:			
				Date:			
				Date:			
		SAF WO A S	THUD STATEMENT	MONITORING AND	REVIEW		
The SWMS must be reviewed regularly to the ke sure it remains effective and must be reviewed (and revised if necessary) if relevant control measure and subcontract as process should be carried out in consultation with workers (including contractors and subcontract as) who may be affected by the operation of the SWMS and their health and safety representatives who researched 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			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 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	