Trencher Tractor Ty	pe SAFE WORK METHOD	STATEMENT (SWMS)							
Business Address: [Company Address] Phone: [Phone] E. til: Contact Person: Phone: [Phone] E. til: Inflex SAFE WORK METHOD STATEMENT IS APPROVED BY THE P.C. J OF THE PROJECT Index the Mork Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (N, 2U) is required to busine at a safe work method statement (SWMS) is prepared before reproposed work stats. Full Name: Title: Date: Signature: Title: Date: Full Name: Title: Phone: Full Name: Title: Phone: Full Name: Title: Phone: Full Name: Title: Phone: Full Name: Name: Title: Phone: Subscription of the person(s) responsible for ensuring implementation, monitoring at compliance if th SWMS well as reviews at modifications of the SWMS. Phone: Subscription of the person of column of the scription of the set of column of the person of column of the set of column of the person of column of the set of column of the person of column of the set of column of the person of column of the set of column of the person of column of the set of column of the person of the set of column of the person of column o									
Business Name: [Company Name]		ABN: [ABN]	SWMS#						
Business Address: [Company Address]									
Contact Person:	Phone: [Phone]	E gil:							
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PL OF THE PROJECT							
Under the Work Health and Safety Regulation (WHS Regulation), a person conducte proposed work starts.	cting a business or undertaking (N_BU) 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 and compliance of the SWMS, well as reviews 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 OPMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND						
requirements to first identify any site hazards, conduction inical those	NAME	SIGNATURE	DATE						
If an incident or a near miss occurs, all work must stand underly. 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.									



		С	LIENT OR PRINCIPAL	CONTRACTOR DE	TAILS			
Client:					SCOPE OF WORKS			
Project Name:							rk being carried out (otherwise	
Project Address:				k	nown as scope of works).			
Project Manager:								
Contact Phone:								
Project Manager	Signature:							
Date SWMS supp	olied to Project Manag	er:						
		ANY HIG	H-RISK CON YUCI	N. JRK BEING	ARRIED OUT			
involves a risk of	a person falling more than	2 meters.		is carried out on or	near pressurised gas main	s or piping.		
is carried out on a	a telecommunication tower.			☐ is carried out on or near chemical, fuel or refrigerant lines.				
involves demolition	on of an element of a struct	ure that is load-be		is carried out on or near energised electrical installations or services.				
involves demolition	on of an element related to	the physical integrit of a s	17 e.	is carried out in an area that may have a contaminated or flammable atmosphere.				
involves, or is like	ely to involve, disturbing a	estos.		involves tilt-up or precast concrete.				
involves structura	al alteration or repair that re	mporal upp to	prevent collapse.	is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor.				
is carried out in o	r 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/n	ear a shaft or trench deepe	er than 1.5m or tunnel involv	ving use of explosives.	☐ is carried out in areas with artificial extremes of temperature.				
is carried out in o	r near water or other liquid	that involves a risk of drow	ning.	involves diving wo	k.			
		ANY	HIGH-RISK MACHINE	RY OR EQUIPMENT	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 -		







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	2М	 Designate specific storage areas for equipment and materials, ensuring they are clearly marked and easy to access, while not obstruct is any pedestrian walkways or access points. Regularly inspect the storage areas to encode all equipment is stored securely and correctly, minimising the risk of damage, spic or other in dents that may pose a hazard to workers or pedestrians. Install barriers or fencing are und the work area onere trencher factors will be operating, in order to separate ne work zone from a destributereas and reduce the risk of accidents. Clearly mark productions of the estimation of the designated walkways and potential, wazardous usas. Import a trace of pagement plan to control the movement of equipment and vehicle which is the only state, ensuring that there are safe routes for both machines and perestions. Provid training to all off involved in the operation of trencher tractors on safe anyk pracies, bluding proper storage of equipment, maintaining clear pedestrian access the rds, such as equipment falls or collisions. Developed emergency response plan for the work site that outlines procedures to low in case of an incident involving equipment storage or pedestrian access the 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 hazards and implement corrective actions to continuously improve safety on site. 	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 by clothing, and safety boots to protect them from potential hazards at the worksite. Provide adequate training: Ensure that all work environment comptained and response, and general serve procedures released to the specific tasks. Maintain proper domentation feep up-to-date releases of site assessments, safety plans, and calent neotify musures. Implement trains management measure set up barriers, signage, and other traffic continuous inforvement of other provide and egress points. Conduct releases and peression and revise the workplace safety plan as needed, volving wide unge of staff in decision-making processes. Insultate fall protection systems: If there is a risk of falls due to the incorrect ocation, since, provide suitable fall protection equipment (such as guardrails or fall est systems) and train workers in their proper use. Ensure emergency response preparedness: Develop an effective emergency esponse 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 process, or new harards that may arise during work.		
			- Regular maintenance and inspection of the the second associated equipment, ensuring mechapical components are unctioning or pectly and safely.		
			 Development of an emergent response plan and povint of first aid supplies on- site, clearly outlining the ps to be taken in case of condents or incidents involving injuries. Clear and welle marking ounders, and concess (e.g., gas lines, water pipes, 		
			electric cable using struy paint, flag and stakes, to minimise the risk of accide dama or pruption.		
			- Contract, monitoring of weather conditions and forecast, adjusting work plans accordingly prevent fork from continuing during extreme weather events, which may control the substant integrity of the trench or pose additional risks to orkers.		
4. Setting up Traffic	S				
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		2М	



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7. Spoil Pile Management	Improper placement, Environmental damage	ЗH		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 to panovall hazards	зн		1L	



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10. Inspecting Trench	Poor visibility, Airborne consumants	ЗН		2М	



Date of Issue:



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR	RESPONSIBLE PERSON
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11. Backfilling Process	Soil compaction issues, Damaged utilities	ЗН		1L	



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	S				
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 F	REFERENCES					
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCES ANY STATE AT ARE NOT APPLICABLE						
Queensland & Australian Capital Territory Work Health and Safety Act 2011 Work Health and Safety Regulations 2011 Legislation QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws</u> Codes of Practice QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</u> Legislation ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Occupational Health and Safety Action 04 Occupational Health and Safety Action 04 Occupational Health and Safety Solutions 2017 Legis from VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulant</u> S Unles on wactice VIC <u>sttps://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice</u>					
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 sodes-oi, ract. Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati-codes sodes-oi, ract.	Western Australia Work Health and Safety Act 2020 Work Health and Safety Regulations 2022 Legislation Western Australia: <u>https://www.commerce.wa.gov.au/worksafe/legislation</u> Codes of Practice WA: <u>https://www.commerce.wa.gov.au/worksafe/codes-practice</u>					
Northern Territory Work Health and Safety (National Uniform Legislation) Act 2011 Work Health and Safety (National Uniform Legislation) Regulation 2015 Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/workplace-servelaws Codes of Practice NT: https://worksafe.nt.gov.au/formediates/servelaws	Safe Work Australia Links Law and Regulation (All States): <u>https://www.safeworkaustralia.gov.au/law-and-regulation</u> Model Codes of Practice: <u>https://www.safeworkaustralia.gov.au/resources-publications/model- codes-of-practice</u>					
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (SA) Legislation for SA: <u>https://www.safework.sa.gov.au/resources/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_saces/codes-of-practice#COPs</u>	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					
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/codes-of-practice Codes of Practice for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice	 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 					
Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council - Authorisation to commence 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 					

- Any required documents.



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	Position	Signature	Date	Time	Supervisor
			Date:		
			Datu		
			ı te:		
			Date:		

SAF WC A STHUD STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to revised if necessary) if relevant control measure are subcontract of the SWMS and their health and safety representatives who reworkplace.

ke sure it remains effective and must be reviewed (and acception of the process should be carried out in s any subcontract s) who may be affected by the operation esentatives who recented that work group at the

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	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.			
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 effectine sections.			
Responsible person is assigned and listed on the SWMS for the impement of continue measures.			
Permit requirements specified, such as Hot Work, Electrical Work, Vortat Heights etc.			
SWMS identifies plant and equipment to be up t.			
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 RI	EVIEWED	
SIGNATURE	DATE CO	MPLETED	