

Business Name:

Business Address:

ABN/NZBN:

MOBILE PLANT (CHAIN TRENCHER) SAFE WORK METHOD STATEMENT (SWMS)

Business Contact:	Phone #:	Principal Contractor (PC):	
Responsible person (for monitoring SWMS and work):		PC Address:	
Signature:	Date:	PC Phone #:	Date SWMS provided to PC:
Contact Phone #:		Job Site Address:	

THIS WORK ACTIVITY INVOLVES THE FOLLOWING HAZARDOUS WORK AND ENVIRONMENTAL IMPACTS

- | | | | | |
|---|---|--|---|--|
| <input type="checkbox"/> Electrical equipment | <input type="checkbox"/> Elevated levels | <input checked="" type="checkbox"/> Slips, trips and falls | <input checked="" type="checkbox"/> Hazardous substances | <input checked="" type="checkbox"/> Night work |
| <input type="checkbox"/> Hot Work | <input checked="" type="checkbox"/> Hazardous manual tasks | <input checked="" type="checkbox"/> Outdoor work | <input checked="" type="checkbox"/> Remotely &/or isolated work | <input type="checkbox"/> ? |
| <input checked="" type="checkbox"/> Noise and vibration | <input checked="" type="checkbox"/> Native vegetation & weeds | <input checked="" type="checkbox"/> Air quality | <input checked="" type="checkbox"/> Waste | <input checked="" type="checkbox"/> Vehicle movement |
| <input checked="" type="checkbox"/> Fuels, oils & chemicals | <input checked="" type="checkbox"/> Terrestrial fauna | <input checked="" type="checkbox"/> Waterways & soils | <input checked="" type="checkbox"/> Cultural heritage | <input type="checkbox"/> ? |

THIS WORK ACTIVITY INVOLVES THE FOLLOWING "HIGH-RISK CONSTRUCTION WORK" (HRCW - IDENTIFIED IN THE JOB TASK COLUMN)

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|--|--|---|---|
| <input type="checkbox"/> Confined spaces | <input checked="" type="checkbox"/> Mobile plant movement | <input type="checkbox"/> Demolition of a load-bearing structure | <input type="checkbox"/> Asbestos disturbance |
| <input type="checkbox"/> Using explosives | <input type="checkbox"/> Diving work | <input type="checkbox"/> Artificial extremes of temperature | <input type="checkbox"/> Tilt-up or pre-cast concrete |
| <input type="checkbox"/> Pressurised gas distribution mains or piping chemical, fuel or refrigerant lines energised electrical installations or services | | | |
| <input type="checkbox"/> Structures or buildings involving structural alterations or repairs that require temporary support to prevent collapse | | | |
| <input type="checkbox"/> Involves a risk of a person falling from 2m or more, including work on telecommunications towers | | | |
| <input type="checkbox"/> Working at depths greater than 1.5 Metres, including tunnels or mines | <input checked="" type="checkbox"/> Work in an area that may have a contaminated or flammable atmosphere | | |
| <input checked="" type="checkbox"/> Work carried out adjacent to a road, railway or shipping lane, traffic corridor | <input type="checkbox"/> In or near water or other liquid that involves the risk of drowning | | |

FOOT PROTECTION	HEARING PROTECTION	HIGH VISIBILITY	HEAD PROTECTION	EYE PROTECTION	FACE PROTECTION	HAND PROTECTION	PROTECTIVE CLOTHING	BREATHING PROTECTION	SUN PROTECTION	SAFETY HARNESS	SEAT BELT
											
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION
ALMOST CERTAIN	3 - HIGH	3 - HIGH	4 - ACUTE	4 - ACUTE	4 - ACUTE		
LIKELY	2 - MODERATE	3 - HIGH	3 - HIGH	4 - ACUTE	4 - ACUTE	4A - ACUTE	DO NOT PROCEED.
POSSIBLE	1 - Low	2 - MODERATE	3 - HIGH	4 - ACUTE	4 - ACUTE	3H - HIGH	Review before commencing work.
UNLIKELY	1 - Low	1 - Low	2 - MODERATE	3 - HIGH	4 - ACUTE	2M - MODERATE	Maintain control measures.
RARE	1 - Low	1 - Low	2 - MODERATE	3 - HIGH	3 - HIGH	1L - Low	Record and monitor.

HIERARCHY OF CONTROLS	MOST EFFECTIVE	Elimination	Substitution	Isolation	Engineering	Administrative	PPE	LEAST EFFECTIVE
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JOB TASK	HAZARDS	RISK	CONTROL MEASURES	RESPONSIBLE PERSON
1. Working outdoors	Extreme weather	3H	<ul style="list-style-type: none"> Check weather conditions – do not work in extreme conditions Reschedule works to work in more moderate temperatures. 	Supervisor to maintain awareness of weather conditions Operator to follow controls
	Hyperthermia Hypothermia	3H	<ul style="list-style-type: none"> Workers trained to recognise the symptoms of hyperthermia and hypothermia <u>Hot conditions. Ensure:</u> <ul style="list-style-type: none"> Suitable protective clothing Sun brim on hard hats Safety glasses - UV rated Use 30+ sunscreen on exposed skin Adequate drinking water Access to shade on breaks Adequate breaks. <u>Cold conditions. Ensure:</u> <ul style="list-style-type: none"> Schedule warm-up breaks Hold breaks inside Dress warmly in layers Stay dry (wet clothing chills the body rapidly) Workers must get out of the cold as soon as they can if starting to feel symptoms Alcohol, cigarettes, caffeine and certain medications increase susceptibility to cold. 	
2. Working alone	Emergency	4A	<ul style="list-style-type: none"> Ensure a second person knows your location and expected time of return Use mobile phone, telephone or radio to periodically check-in Communication equipment within easy reach at all times Take extra care to work safely and methodically Have first aid kit readily available and stocked appropriately 	Operator to maintain call log ins
3. HRCW Transporting the trencher	<ul style="list-style-type: none"> Crush injuries Entrapment Fatality 	4A	<ul style="list-style-type: none"> Ensure the vehicle and/or trailer used to transport the trencher is appropriate - weight and size. Tie downs: <ul style="list-style-type: none"> Tie-down points identified by tie-down decals Use designated tie-down points on the trencher if provided (see operations manual) Do not attach tie-down accessories around hydraulic cylinders or in any way that may damage hoses or hydraulic components Ensure the trencher is stabilised before travel 	Operator to follow controls

JOB TASK	HAZARDS	RISK	CONTROL MEASURES	RESPONSIBLE PERSON	
	<ul style="list-style-type: none"> Escape of fluids under pressure Eye or hand injury 	4A	<ul style="list-style-type: none"> When changing hydraulic attachments, wear gloves and eye protection: <ul style="list-style-type: none"> Turn plant off Release hydraulic pressure Cover quick connect with rag and disconnect Reconnect new attachment Check for proper hydraulic connection, hose routing and hose length Check for leaks. 		
12. HRCW Refuelling	<ul style="list-style-type: none"> Flammable atmosphere Exposure to fuel Fire Burns Inhalation Ingestion Eye & skin damage 	4A	<ul style="list-style-type: none"> Follow manufacturer's manual/recommendations for re-fuelling DO NOT smoke during re-fuelling Diesel: Fire extinguisher – Water, foam, dry chemical powder, CO₂ Unleaded petrol: Fire extinguisher – Dry chemical powder, foam, CO₂. <i>Never use water to extinguish an Unleaded Petrol fire</i> Avoid breathing vapours or contact with fuel Change clothing immediately if splashed with fuel Do not siphon or swallow fuel as this can be fatal Wash hands carefully after handling fuel before eating, drinking or smoking Shower and wash immediately after work & wash clothes in separate wash from other clothes. 	Operator to follow controls and make supervisor aware of any issues	
13. HRCW On completion	Unauthorised access	3H	<ul style="list-style-type: none"> If acceptable, remove or add barricades Ensure the trencher is parked in a safe, level area, clear of unstable or sloping ground Store the key in a safe place (restrict unauthorised access). 	Supervisor to confirm all workers have signed out Workers to comply with controls	
	Security breach	3H	<ul style="list-style-type: none"> All personnel sign-out on Site Register. 		
	Vehicle/people impact	4A	<ul style="list-style-type: none"> Stay to designated access and egress routes Maintain awareness of surroundings at all times. 		
14. Emergency response	<ul style="list-style-type: none"> Injury Fatality Environmental damage 	4A	<ul style="list-style-type: none"> For police, fire or ambulance call '000.' Follow site emergency and evacuation procedures A communication system is available, e.g. a mobile phone or radio Check for dangers to self before helping others Maintain control of the area and stabilise the situation Apply first aid to the injured worker Complete an incident report. 	<ul style="list-style-type: none"> Refer to your SWMS implementing instructions for further specific emergency responses. 	Supervisors and workers ensure controls followed

OVERALL RISK RATING AFTER CONTROLS

1 - Low

2 - MODERATE

3 - High

4 - ACUTE

PERMITS

Not applicable

Hot Work

Confined Space

Local council

?

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SITE MANAGEMENT PLAN

Is the work associated with a Construction Project? Yes No

If yes – This SWMS must align with requirements of the Site Management Plan in place for the Construction Project.