

Business Name:

Business Address:

ABN/NZBN:

CONCRETE PUMPING (BOOM/LINE) 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"/> Silica dust |
| <input type="checkbox"/> Hot Work | <input checked="" type="checkbox"/> Hazardous manual tasks | <input checked="" type="checkbox"/> Outdoor work | <input 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 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 checked="" 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	Do not wear rings, watches or jewellery that may become entangled. Long and loose hair must be tied back.
											
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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 checked="" type="checkbox"/>	<input 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. Planning	Unlicensed operator	4A	<ul style="list-style-type: none"> Ensure operator licensed for the type of vehicle operation. Example: <ul style="list-style-type: none"> MR (Medium Rigid) = 2 axle, 8T GVM + trailer 9 GVM or less HR (Heavy Rigid) = No axle limit, greater than 8t GVM, + trailer greater than 9 GVM, prime mover or semi-trailer. 	Supervisor
	Exposure to silica dust	4A	<ul style="list-style-type: none"> Training and Information provided to workers on respirable crystalline silica (RCS) should include: <ul style="list-style-type: none"> Information on the health effects associated with respirable crystalline silica dust (Provide workers with a copy of 'Health Monitoring for Exposure to Hazardous Chemicals - Guide for workers': Safe Work Australia) Identification of RCS dust through Material/Safety Datasheet (M/SDS) or labels Dust exposure prevention Checking controls are working and using them When and how to use any respiratory protective equipment provided and what to do if something goes wrong (Including worker respirator fit and check processes). 	
2. Road operation	Equipment failure	4A	<ul style="list-style-type: none"> Inspect crane before travel using and as per manufacturer's instructions Vehicle must be registered with the State Road and Traffic Authorities before use Plant registration in place Ensure all equipment is in a safe condition: <ul style="list-style-type: none"> Carry out the daily maintenance inspection, visual inspection of the pipeline and other pre-operational inspections following the plant operator's manual Pumps have guards in place, in good working order and regularly maintained Guards/grill in place on the hopper Emergency stop buttons in place for concrete delivery systems Safety pins fitted to all couplings and clamps Rubber hoses are not damaged or cracked Adequate portable lighting for night time operations 	Operator to follow controls

JOB TASK	HAZARDS	RISK	CONTROL MEASURES	RESPONSIBLE PERSON	
			10. Exhaust air via the emergency valve whenever the speed of the discharge of concrete becomes too rapid 11. Pass the ball through the line until it discharges <ul style="list-style-type: none"> If an assistant is used to check on the progress of sponge or to tap pipes, ensure they stay away from the end of the line. 		
14. HRCW On completion	Unauthorised access	3H	<ul style="list-style-type: none"> If acceptable, remove or add barricades. 	Supervisor to confirm all workers have signed out Workers to comply with controls	
	Struck by falling objects	3H	<ul style="list-style-type: none"> All loose equipment (such as pipes, tools,..) securely restrained on the vehicle. 		
	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. 		
15. 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 ? ?

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.*

PLANT & EQUIPMENT		HAZARDOUS SUBSTANCES	SUPERVISORY ARRANGEMENTS
<input type="checkbox"/> Electrical tools and leads	Tested and tagged quarterly	<i>List hazardous substances taken on-site and have the SDS on-site.</i> 1. 2. 3. 4. 5. 6. 7.	<input type="checkbox"/> Audits
<input type="checkbox"/> Hand tools - Meet AS/NZS	Regular visual inspection		<input type="checkbox"/> Spot Checks
<input type="checkbox"/> Ladders - Meet AS/NZS	Inspected and tagged out if damaged		<input type="checkbox"/> Reporting systems
<input type="checkbox"/> Mobile plant- <i>specify</i>	Inspected and tagged out if damaged		<input type="checkbox"/> Suitably qualified supervisors for job
<input type="checkbox"/> ?			<input type="checkbox"/> Direct on-site supervision
<input type="checkbox"/> ?			<input type="checkbox"/> Remote site: communication systems/schedule
<input type="checkbox"/> ?			