

MOBILE CONCRETE BATCHING MACHINE 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:	

SITE MANAGEMENT PLAN	Is the work associated with a Construction Project? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes – This SWMS must align with requirements of the Site Management Plan in place for the Construction Project.
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THIS WORK ACTIVITY INVOLVES THE FOLLOWING “HIGH-RISK CONSTRUCTION WORK” (HRCW - IDENTIFIED IN THE JOB TASK COLUMN)

<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"/> Work in a ceiling space (W.A. Only)	
<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 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	

WORKING WITH A RISK OF A FALL OVER 2 METRES - Does this Safe Work Method Statement relate to work in Queensland (QLD)? YES NO
If 'YES' select the fall from height 'hierarchy of control level' considered when establishing controls:

<input type="checkbox"/> L 1: Work on the ground or solid construction	<input type="checkbox"/> L 4: Use a fall arrest system e.g., safety harness, catch platforms
<input type="checkbox"/> L 2: Use a passive fall restraint system e.g., guard rails, scaffolding, EWP	<input type="checkbox"/> L 5: Implement administrative controls e.g., signage, or instruction
<input type="checkbox"/> L 3: Use a work positioning system e.g., travel restraint, rope access	<input type="checkbox"/> Other?

More than one of these measures to reduce risk can be used. For example, engineering controls like edge protection can be implemented with administrative controls like training and use of this SWMS, while wearing PPE (non-slip shoes). Please describe why it is not reasonably practicable to use higher-order control measures. E.g. The job is less than 5 minutes on a ladder.

JOB TASK	HAZARDS	IR	CONTROL MEASURES		RR	RESPONSIBLE PERSON
			<i>INHERENT RISK-RATING (IR) BEFORE CONTROLS - RESIDUAL RISK-RATING (RR) AFTER CONTROLS</i>			
			<ul style="list-style-type: none"> Ensure site-specific induction undertaken Assess mobile phone reception The worksite is exactly as detailed in Terms of Agreement or contract Complete a JSA specifying the control measures for unanticipated hazards. 			
4. HRCW Site set-up, delivery & pickup of batching plant	Powered mobile plant movement	4A	<ul style="list-style-type: none"> Designate a suitable location and sufficient room for ease of access for end-product transport vehicles Restrict access to work area. Ensure to establish a Hazard Exclusion Zone (set around the perimeter of the plant) using barricades and signage ⚠ No people, except the batching plant operator, can enter the Hazard Exclusion Zone Ground is level and stable with sufficient room for placement of unit, including conveyor and plant used for loading hopper. All components are stable Ensure batching plant does not operate unless the ground support system installed has been designed by a competent person. 		2M	Supervisors to check all controls in place and followed Operator to follow controls and make supervisor aware of any issues
	Powered mobile plant movement at night	4A	<ul style="list-style-type: none"> Ensure the site Traffic Management Plan includes additional control measures for work at night, in particular for the use of mobile plant Check all plant are adequately illuminated, and all flashing warning lights/signals are operational including - headlights, flashing beacons, beepers, cabin lights Luminous (fluoro) triangles/bollards positioned to assist with traffic management and worker zones wherever possible. For example, mark out the perimeter of the load/unload area to help guide drivers and to warn workers on the ground of moving vehicles. 		2M	
	Crush Injuries Entrapment	4A	<ul style="list-style-type: none"> Ensure the truck/vehicle and/or trailer used to transport the batching plant is appropriate – weight /size Tie downs: <ul style="list-style-type: none"> Tie down points are identified by tie down decals where required Use designated tie-down points on plant 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 batching plant is stabilised before travel Verify all tie down equipment (chains, shackles etc.) is rated for the task and fixed in such a way to prevent movement during transit Ramps: <ul style="list-style-type: none"> Suitable load capacity for weight of plant, wide enough, foot boards on the side Lock ramps in place, use locking pin/clips if required 		2M	

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			<i>INHERENT RISK-RATING (IR) BEFORE CONTROLS - RESIDUAL RISK-RATING (RR) AFTER CONTROLS</i>		
			<ul style="list-style-type: none"> Assume all electrical lines as energised unless the following is sighted: <ul style="list-style-type: none"> An access authority confirming the electric lines have been de-energised, or Another written document from the Electricity Supply Authority that allows people to work in a no-go zone Inspect visual indicators on electric lines like tiger tails before starting operations each day Ensure emergency equipment is readily accessible including first aid kits and fire-fighting equipment suitable for electrical fires Ensure compliance with all conditions imposed by the Electricity Supply Authority. Take note of the following factors: <ul style="list-style-type: none"> All parts of the mobile plant Any loads moved including slings, chains and other lifting gear All booms/extensions folded down to their lowest point when the mobile plant is in transit The highest point of the plant item is at least 3 metres from the line when in transit The distance between the plant and power lines should be continually re-assessed to ensure the relevant approach distances are maintained. Take consideration of changing ground levels. 		
5. Environment	Environmental impact	3H	<ul style="list-style-type: none"> Noise & vibration - Be aware of maximum noise levels at the site The plant is maintained to minimise noise No noise produced outside council approved hours of operation Engineering controls fitted to equipment (e.g. silencers) Air quality - Water sprays or dust suppressants methods are in place Where there is powered mobile plant movement generating dust use water spraying methods and cover loads on trucks while in transit Clean up any slurry produced to prevent the slurry from drying and releasing silica dust into the air. The wet slurry can be cleaned using, for example, shovels or a wet vacuum equipped with a HEPA filter Waste - Place all wastes and rubbish in bins or other appropriate containers Separate recycle waste from general waste Do not mix waste with spoil Place all silica waste in approved containers, e.g. slurry, disposable clothing or PPE, rags etc. All silica waste containers identified, e.g. the label must identify the substance as 'Silica dust hazard.' Fuels, oils & chemicals - Minimum amounts of hazardous substances are kept on site Labelled and securely stored Refuelling of vehicles/equipment will be undertaken at least 6m from drains and waterways 	2M	<p>Supervisors to check all controls in place and followed</p> <p>Operator to follow controls and make supervisor aware of any issues</p>