

SHOTCRETE 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)


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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"/> 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. Select the fall from height 'hierarchy of control level' considered when establishing controls:

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| <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.

Personal Protective Equipment (PPE)											
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"/>
JOB TASK	HAZARDS	IR	CONTROL MEASURES							RR	RESPONSIBLE PERSON
			<i>INHERENT RISK-RATING (IR) BEFORE CONTROLS - RESIDUAL RISK-RATING (RR) AFTER CONTROLS</i>								
1. Provide training on the health effects associated with RCS	Exposure to respirable crystalline silica (RCS) – dust inhalation	3H	<ul style="list-style-type: none"> • Training and information provided to workers on RCS should include: <ul style="list-style-type: none"> ○ Identification of RCS dust through Safety Datasheet (SDS) or labels ○ Dust exposure prevention strategies ○ 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). 							2M	Supervisor
2. Check weather conditions & prepare	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. 							2M	Supervisor to maintain awareness of weather conditions Operator to follow controls
	Hyperthermia Hypothermia	3H	<ul style="list-style-type: none"> • Ensure that workers are 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. 							2M	
3. Arrival on-site & assess onsite conditions	Personal injury, property damage &/or environmental incident	3H	<ul style="list-style-type: none"> • The vehicle should be positioned in a safe location, clear of traffic/vehicles/pedestrians during equipment delivery and materials removal (deploy physical barriers, caution signs as necessary) • Do not park illegally • Identify and obey all safety-related signage (check site entry requirements) • Report to Site Supervisor • Site-specific induction undertaken 							2M	Supervisor to check the site and conduct JSA where necessary

JOB TASK	HAZARDS	IR	CONTROL MEASURES <i>INHERENT RISK-RATING (IR) BEFORE CONTROLS - RESIDUAL RISK-RATING (RR) AFTER CONTROLS</i>	RR	RESPONSIBLE PERSON
	<ul style="list-style-type: none"> Crush injuries Amputation Entanglement Fatality 		<ul style="list-style-type: none">  Some traffic management plans may say that pedestrians have the right-of-way. Never assume this. Make visual and verbal contact with the plant operator as required Ensure an effective system of communication between machine operator, and ground workers are established before work commences Check constantly for changing hazards while working and monitor work position at all times, ensure: <ul style="list-style-type: none"> Do not stand behind reversing vehicles Allow sufficient distance from the plant during operation No work is conducted in established “no go zones” for pedestrians Alertness at all times. Listen for reversing alarms/beepers & calls from Plant Operators Safety/warning signs, spotters, traffic barriers. must be obeyed as required Work positions should be in clear sight of plant operators Groundworkers are instructed: <ul style="list-style-type: none"> Not to approach mobile plant until the operator has agreed to their request to and Onset distances to maintain from the mobile plant while in operation Are made familiar with the blind spots of the mobile plant Wear high visibility clothing at all times. 		aware of any issues
	<ul style="list-style-type: none"> Working roadside Struck by vehicle Injury to public 	4A	<ul style="list-style-type: none"> Where delivering roadside or other public places: <ul style="list-style-type: none"> An alternative footpath will be provided and protection fitted around the work area to prevent splash occurring to passers-by Where necessary, traffic control will be put in place to provide safe road use If setting up roadside – comply with local laws and permits Erect any barriers & signage necessary to keep others safe and aware Use a spotter to assist drivers reversing in the dark, low clearance or high traffic areas Where laying concrete roadside or other public places: <ul style="list-style-type: none"> Develop or work with existing Traffic Management Plan (TMP) in alignment with requirements of AS 1742 series. Ensure it applies to the type of work Include barricades, warning signs, witches’ hats, high visibility clothing etc. Provide and maintain suitable access/egress for pedestrians where required. Include: <ul style="list-style-type: none"> Physical barriers to ensure people do not enter within 5m of worksite Caution signs Stop-go baton operators Keep pedestrians and vehicles separated Suitable controls for night-works Safety/warning signs, spotters, traffic barriers etc. must be obeyed Wear high visibility clothing at all times. 	2M	