

DEMOLITION - VESSEL 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. 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>			
	Night works	4A	<ul style="list-style-type: none"> Where necessary, utilise traffic controllers to manage pedestrian traffic. 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. All flashing warning lights/signals are operational, including headlights, flashing beacons, beepers, and cabin lights. Use Spotters as required to ensure vehicles/equipment/materials and workers do not breach exclusion zones Plant, equipment, vehicles and people will cast shadows; make allowance to install or move portable lighting to reduce dark zones as required 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 Check the TMP set-up by a drive through the Site to ensure that the signage is clearly visible. 		2M	
4. 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 Air quality - Reduce pollutants by ensuring the vehicle is tuned regularly Where there is powered mobile plant movement generating dust, use water spraying methods and cover loads on trucks while in transit Waste - Place all wastes and rubbish in bins or other appropriate containers Separate recycle waste from general waste Do not mix waste with spoil 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 Follow SDS directions for disposal of chemicals in approved waste containers A spill kit is available at all times & spills will be cleaned up immediately follow SDS directions Waterways & soils - Do not wash out plant, equipment or containers where residue can enter waterways or drains Native vegetation & weeds - Provide site-specific information on any specifically protected vegetation on Site Clearly defined work areas to ensure no vegetation clearing occurs outside of the work area No burning of vegetation Ensure that plant is washed free of dirt, vegetation, debris before travelling between sites 		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>

JOB TASK	HAZARDS	IR	CONTROL MEASURES		RR	RESPONSIBLE PERSON
			INHERENT RISK-RATING (IR) BEFORE CONTROLS - RESIDUAL RISK-RATING (RR) AFTER CONTROLS			
with hydraulic attachments	<ul style="list-style-type: none"> Fatality 		<ul style="list-style-type: none"> Attachments kept in lowest working position possible Only operate attachments in the front or the back of the excavator Cease work if the hydraulic hoses vibrate abnormally Never carry or lift a person in the attachment Never allow anyone to sit, stand, or hang on the boom or attachment Never allow another person to place any part of their body near the attachment while in operation. 			and make supervisor aware of any issues
14. HRCW Fuelling the plant	<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. 		2M	Operator to follow controls and make supervisor aware of any issues
15. HRCW On completion	Crush injuries/ entrapment	4A	<ul style="list-style-type: none"> Lower attachments to the ground Turn off all hydraulic valves and idle engine down. Apply the hand brake and remove keys Inspect equipment for any damage/leaks. If any damage is detected – report immediately and take it out of service. 		2M	Supervisor to confirm all workers have signed out
	Unauthorised access	3H	<ul style="list-style-type: none"> If acceptable, remove or add barricades Ensure excavator is parked in a safe, level area, clear of unstable or sloping ground Store the key in a safe place (restrict unauthorised access). 		2M	Workers to comply with controls
	Security breach	3H	<ul style="list-style-type: none"> All personnel sign-out on the Site Register. 		2M	
	Vehicle/people impact	4A	<ul style="list-style-type: none"> Stay to designated access and egress routes Maintain awareness of surroundings. 		2M	
16. 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 		2M	Supervisors and workers ensure controls followed