

CONCRETE SAWING AND CORE DRILLING 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? ☐ Yes ☐ No

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

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 |
|---|---|----|---|----|---|
| | | | <ul style="list-style-type: none"> ✱ Do not drill inverted holes (cutting the underside of a slab, floor or overhang) using an electric drill unless the drill is modified with a water collection ring – Consider hydraulically driven equipment for this task • <u>Diesel/petrol-powered tools</u> - Do not run diesel/petrol-powered tools inside a building (e.g. shed) or where ventilation is limited. | | |
| | <ul style="list-style-type: none"> • Hit by falling or high-speed objects • Lacerations | 3H | <ul style="list-style-type: none"> • Electric wall (track and remote control) saws: <ul style="list-style-type: none"> ○ Operating instructions are read before the machine is operated for the first time. (Always keep operating instructions on site) ○ All parts of the system have been assembled or installed correctly (Rail supports fastened, all bolts tightened, and the saw head is positioned securely on the rail) ○ Locking levers are closed, and end stops fitted before commencing operation ○ Sawing may begin only once the wall saw system is fastened securely to a solid surface ○ Always maintain a visual overview of the work. Do not leave unattended ○ Keep bystanders away while operating the tool. Employ appropriate signage and/or barriers to assist ○ Stop the saw/drill if unauthorised entry to the work zone occurs ○ NEVER stand in the direction of radial flight of a running saw blade ○ Never enter the danger area (e.g. to change the saw blade, remove the blade guard side section or hammer in wedges.) before the blade drive is switched off and has come to a stop. | | |
| | Hearing loss | 3H | <ul style="list-style-type: none"> • Ensure hearing protection is worn throughout exposure to cutting and coring noise. | | |
| 10. HRCW Refuelling equipment | <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 refuelling • DO NOT smoke during refuelling • 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 • Move the saw away from the refuelling area before starting the engine. | 2M | Supervisor and workers to ensure control measures followed |
| 11. HRCW Servicing | <ul style="list-style-type: none"> • Electrocution • Injury | 3H | <ul style="list-style-type: none"> • Refer to the equipment manufacturer's Owner's Manual for service • Never service or lubricate the unit while the engine is running | 2M | Supervisor and workers |

| JOB TASK | HAZARDS | IR | CONTROL MEASURES | RR | RESPONSIBLE PERSON |
|----------------------------------|--|----|---|----|--|
| Equipment | <ul style="list-style-type: none"> Tool malfunction Fire | | <ul style="list-style-type: none"> Disconnect powered units from the power source Clean and inspect blade collars each time blade is installed Replace damaged parts After servicing the unit, restore and fasten all guards, shields, and covers to their original positions Never drain oil into the ground, into open streams, or down drains. | | to ensure control measures followed |
| 12. HRCW On completion | Unauthorised access | 3H | <ul style="list-style-type: none"> If acceptable, remove or add barricades. | 2M | Supervisor to confirm all workers have signed out Workers to comply with controls |
| | Electric shock | 3H | <ul style="list-style-type: none"> Disconnect power tool/extension leads from power point before winding up so that you don't get a shock if the lead is damaged Inspect leads and power equipment for damage. | | |
| | <ul style="list-style-type: none"> Dust Inhalation to silica dust | 4A | <ul style="list-style-type: none"> Respiratory protective equipment should be used until all contaminated disposable coveralls and clothing has been removed and bagged for disposal, and personal washing has been completed Use damp rags to wipe down RCS-contaminated areas and equipment If possible, fully dismantle tools and decontaminate using an appropriate method in a controlled environment Personal hygiene: <ul style="list-style-type: none"> Use HEPA vacuum cleaner to remove obvious signs of contaminated material Wipe coveralls, shoes, eye protection with a damp cloth Wipe respirator with a damp cloth – but do not remove Remove coveralls, shoes and any other PPE Remove respirator Wash face and hands with soapy water. Pay attention to under the fingernails. | | |
| | Security breach | 3H | <ul style="list-style-type: none"> All personnel sign out on the Site Register. | | |
| | Vehicle/people impact | 4A | <ul style="list-style-type: none"> Stay to designated access and egress routes Maintain awareness of surroundings. | | |
| 13. 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. | 2M | Supervisors and workers ensure controls followed |