



Concrete Core Drilling and S	Scanning SAFE WORK ME	ETHOD STATEMENT (SWMS)	
TASK OR AC	CTIVITY: Concrete Core Drilling a	and Scanning	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E ail:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PCL OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or undo	required to er. 3 that a safe work method s	statement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	roliance the VMS a well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS 5 MS M HAVE THE FOLLOWING COMMUNICATED	NALE OF ALL RELEVANT PERSONN EVELOPMENT AND APPROVAL OF	EL WHO HAVE BEEN CONSULTED AND CO THIS SWMS	OMMUNICATED TO IN THE
Safety meetings or toolbox talks will be scheded in accomply with gislative requirements to first identify any site hazards, and then to further take steps to either eliminate or continuous each hazard.			
If an incident or a near miss occurs, all work must sto, quately. Depending on the severity of the incident, a meeting will be called with all workers to amend the SWMS if required. The meeting may also be an educational opportunity.			
Any changes made to the SWMS after an incident or a near miss must be approved by the Person Conducting Business or Undertaking and communicated to all relevant personnel.			
The SWMS must be kept and be available for inspection at least until the work is completed. Where a SWMS is revised, all versions should be kept. If a notifiable incident occurs in relation to which the SWMS relates, then the SWMS must be kept for at least two years from the occurrence of the notifiable incident.			

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CLIENT OR PRINCIPAL	CONTRACTOR DETAILS
Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date SWMS supplied to Project Manager:	
ANY HIGH-RISK CONSTRUCTOR	ON WO K BEIN O KRIED OUT
☐ involves a risk of a person falling more than 2 meters	☐ is carried out on or near pressurised gas mains or piping
☐ is carried out on a telecommunication tower	carried out on or near chemical, fuel or refrigerant lines
☐ involves demolition of an element of a structure that is load-bearing	☐ is carried out on or near energised electrical installations or services
☐ involves demolition of an element related to the physical integration of a functure	☐ is carried out in an area that may have a contaminated or flammable atmosphere
☐ involves, or is likely to involve, disturbing asb	☐ involves tilt-up or precast concrete
☐ involves structural alteration or repair that — quires term — ov sup — rt to prevent collapse	☐ is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor
is carried out in or near a confined space	☐ is carried out in an area of a workplace where there is any movement of powered mobile plant
☐ is carried out in/near a shaft or trench deeper tha tunnel involving use of explosives	☐ is carried out in areas with artificial extremes of temperature.
☐ is carried out in or near water or other liquid that involves a risk of drowning.	☐ involves diving work.
ANY HIGH-RISK MACHINER	RY OR EQUIPMENT NEARBY

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					RISK	MATRIX			
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HEIRARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE	ACTION	Elimination Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCE	Substitution	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review befor work starts.	Replace the hazard.	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Isolate People from the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	nitor and	Engineering Isolate the hazard.	
is the second m	rchy of Controls: ost effective metho nging the work is th	d of controlling a	hazard. Enginee	ring by isolati		et. 'ive, while	rd. Substitution Administrative effective	Administrative Change the work. PPE	

				PERS		TIVE EQUIPM					
		Select the app	ropriate PPL	abo. ~uitab	le or the equip	oment used or	the job task	being perform	ned (if applica	able).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	ARING STION	F' CTIO	RL PIRATORY PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE R	dequired:										
	Pe	ermit or Licen	ses Requirem	ents			Ma	indatory Qual	ifications and	Training	



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
Pre-start planning and documentation	Unidentified underground services Unclear structural integrity Unplanned high risk construction work Inadequate competence of workers Insufficient emergency planning	4A	 Review project scope, drawings and specificulous before commencing any concrete core drilling or scanning Confirm whether work involves high risk consection work under WHS Regulations (e.g. working at heights, near live services, in or on a roof, or in ordined spaces) Obtain and review service pross, as-constructed to wind and structural engineering details for all concrete elements to be drilled to canned Consult with the principal contract and structural engineer to identify any post-tensioned slabs, prestressed ments or croad load paring combers Presson at assumed www. WMS for conset ecore drilling and scanning and have it reviewed and signed by all to eas into the very sint. Veriff that perate chold current high risk work licences, plant tickets or manufacturer training where require for one rigs of scanning equipment Conduct a pressant toolbox talk to discuss hazards, control measures, emergency procedures and positive trectirements. Establical lear communication protocols including hand signals, radio channels or designated spotter as as required Develop an emergency response plan including first aid arrangements, rescue procedures for roof work and location of nearest medical facility DO NOT commence any drilling, cutting or scanning until documentation is completed, understood and authorised by the supervisor 	2M
Site inspection and access	Slips trips and falls Uneven surfaces Uncontrolled vehicle movement Poor lighting Overhead obstructions	ЗН	 Inspect the work area for uneven ground, penetrations, loose debris, wet surfaces and unstable materials before positioning drilling or scanning equipment Install temporary edge protection, covers or barricades over floor penetrations, pits and service ducts in accordance with AS 4994 where required Provide adequate lighting to achieve a safe level of visibility for concrete scanning, drilling layout and cable management Define plant and vehicle exclusion zones using barriers, bollards and signage to prevent mobile plant from entering the drilling or scanning area Position Utes, trailers and vans clear of pedestrian routes and emergency access paths Keep access ways, stairs and ladders clear of hoses, cords and offcuts and route them overhead or along walls where practicable Verify that any access to roofs or elevated decks is via compliant ladders, stair towers or EWP and is set up on firm level ground 	1L



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
			DO NOT block fire exits, emergency equipment or first aid stations with drilling rigs, vacuum units or material stacks	
Service location and concrete scanning	Contact with live electrical services Penetration of gas services Strike on water or hydraulic lines Damage to post tension cables Misinterpretation of scan results	4A	 Obtain and review dial-before-you-dig or equitorent service location information for the work area prior to any drilling, cutting or coring Use calibrated concrete scanning equipment GPR over meter, ferroscan) to locate reinforcing steel, post-tension ducts, electrical conduits and othe medded services Mark all identified services, whar, tendons and interrisk zero on the concrete surface with clear paint or marker before drilling Engage a common accepted locations such as congested slabs, hospital floors or major plant recognized plant in the services of the confidence of the confidence with many curer's of true's. Main in minime clearance distance from identified services and post-tension cables as specified by the structure angine. Consulvith structual engine of confidence of the supervisor if scan results are unclear or conflicting and seek services in mediately and notify the supervisor if scan results are unclear or conflicting and seek services in an accompance of the supervisor if scan results are unclear or conflicting and seek services or not decompand to the supervisor of the supervi	2M
Set-out and marking of core locations	Incorrect hole positioning Compromised structural capacity Inadvertent penetration of waterproofing Interference with fire systems Trip hazards from tools and markers	ЗН		1L



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
Plant and equipment inspection	Mechanical failure of drill Defective electrical equipment Bursting hoses Guarding deficiencies Inadequate anchoring systems	ЗН		1L
Selection and fitting of diamond cores and bits	Shattering of drill bits Incorrect bit for material Ejected fragments Hand injuries during fitting Overheating of tooling	3Н		1L



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
Securing work area and exclusion zones	Struck by flying debris Exposure to silica dust Unauthorised entry to work area Noise exposure to others Falling objects from heights	4A		1 2M
Concrete core drilling operations	Entanglement with rotating core Kickback of core drill Penetration of hidden services Silica dust generation Noise induced hearing loss	4A		2M



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
				1
				1
	Collapse of concrete element Damage to roof deck integrity			
Drilling into structural and roof elements	• Falls from edges a openings	A		2M
and roof elements	Water ingress the ugh penetrations			
	Compromised fire			
	Shattering of masonry units			
	Flying chips and fragments			
Drilling into bricks, masonry and metals	Snagging on reinforcing bars	3H		1L
	Heat buildup in metal drilling			
	Hand arm vibration exposure			



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
Pavement and slab core sampling	Interaction with trace Unstable pavement cores Slurry runoff to dra. Noise impact on public Manual handling of core	łA		2M
Slurry, dust and waste management	Respirable crystalline silica exposure Slippery slurry on walkways Environmental contamination Blocked drains and sumps	3H		1L



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE Manual handling of waste	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
Manual handling and ergonomics	Musculoskeletal struin Back injury from sting Awkward postures Repetitive motion injury Dropped loads	ЗН		1L 1L
Completion, inspection and demobilisation	Unprotected penetrations Residual sharp edges Leftover trip hazards Incomplete reinstatement	3Н		1L



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
	Unsecured tools and plant			



EMERGENCY RESPONSE - CALL 000 FOR EMERGENCIES

Ensure to have an Emergency Management Plan in place as well as adequate numbers of trained first aid staff with easy access to fully stocked first aid kits, rescue equipment, material safety data sheets, adequate access to emergency communication equipment and fire-fighting equipment suitable for all classes of fire and ignition sources.

LEGISLATIVE REFERENCES

RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCES. ANY STATE AT ARE NOT APPLICABLE.

Queensland & Australian Capital Territory

Work Health and Safety Act 2011

Work Health and Safety Regulations 2011

Legislation QLD: https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws Codes of Practice QLD: https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice

Legislation ACT: https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations

Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice

New South Wales

Work Health and Safety Act 2011

Work Health and Safety Regulations 2025

Legislation NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati

Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 201

Codes of Practice NT: https://worksafe.nt.gov.au/f

South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (SA)

Legislation for SA: https://www.safework.sa.gov.au/resources/le_lation

Codes of Practice for SA: https://www.safework.sa.gov.au/wor/ aces/codes-of-practice#COPs

Tasmania

Work Health and Safety Act 2012

Work Health and Safety (Transitional and Consequential Provisions) Act 2012

Work Health and Safety Regulations 2012

Work Health and Safety (Transitional) Regulations 2012

Legislation for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations

Codes of Practice for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice

Details of permits, licenses or access required by regulatory bodies (add or delete as required):

- Permits from local council
- Authorisation to commence work
- Any required documents.

Victoria

Or pational Health a. Safety Act J4

Occational Health and afety gulations 2017

Legis on VIC: https://www.sksafe.vic.gov.au/occupational-health-and-safety-act-and-

gulat

tes of actice VIC attps://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice

Western Australia

Work Health and Safety Act 2020

Work Health and Safety Regulations 2022

Legislation Western Australia: https://www.commerce.wa.gov.au/worksafe/legislation

Codes of Practice WA: https://www.commerce.wa.gov.au/worksafe/codes-practice

Safe Work Australia Links

Law and Regulation (All States): https://www.safeworkaustralia.gov.au/law-and-regulation Model Codes of Practice: https://www.safeworkaustralia.gov.au/resources-publications/model-codes-of-practice

Model Codes of Practice

- Managing noise and preventing hearing loss at work
- Confined spaces
- Labelling of workplace hazardous chemicals
- Managing risks of hazardous chemicals in the workplace
- Welding processes
- First aid in the workplace
- Managing the risk of falls at workplaces
- Hazardous manual tasks
- Managing the risk of falls in housing construction
- Managing electrical risks in the workplace
- Demolition work
- Excavation work
- Work health and safety consultation, cooperation and coordination
- Managing the work environment and facilities
- How to manage work health and safety risks
- Managing risks of plant in the workplace
- Construction work





SIGNATORIES OF THE SAFE WORK METHOD STATEMENT

The signed and dated personnel listed below have cooperated in the consultation and development of this Safe Work Method Statement which has been approved by the Person/s Conducting a Business or Undertaking (PCBU). In signing this Safe Work Method Statement each individual acknowledges and confirms that they have read this SWMS in full, having raised any questions for items on this Safe Work Method Statement that require clarification, and confirms that they are competent, skilled and knowledgeable for the task assigned to them. Every person acknowledges that they have received the relevant training and qualifications where required, before carrying out any work contained in this Safe Work Method Statement. By signing this Safe Work Method Statement each individual agrees to work safely, to follow any safe work instructions which are provided, and agrees to use all Personal Protective Equipment where appropriate.

Worker Name	Signature

SAFE WORK IN THE STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to make sure it remains fective of must be reviewed (and revised if necessary) if relevant control measures are rovised. The view respectively should be carried out in consultation with workers (including contractors as a sub-intractors of the SWMS and their health and safety representatives who represented that work group at the workplace.

When the SWMS has been revised the PCBU must ensure that advised that a revision has been made and how they can acces he revised SWMS, including all persons who will need to change a work procedure or system as a region of the review are advised of the changes in a way that will enable them to implement their duties and the revised SWMS. All workers that will be involved in the work must be provided with the relevant information and instruction that will assist them to understand and implement the revised SWMS.

The SWMS must be monitored regularly for the effectiveness of ensuring hazard controls are effective in reducing the risk of incidents, keeping the workplace safe for all personnel. The person responsible for monitoring the effectiveness of the Safe Work Method Statement should employ a multi-faceted approach which includes but is not limited to:

- Spot Checks.
- 2. Consultation with workers, contractors and sub-contractors.
- Internal audits on a continual basis.

An approach of continuous improvement, promptly recording inconsistencies or deficiencies, followed up by immediate corrective action and consultation with all relevant personnel ensures that the PCBU is consistently developing ever-improving systems of safe work principles.

REVIEW NUMBER	1	2	3	4	5	6	7
NAME							
INITIALS							
DATE							

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SAFE WORK METHOD STATEMENT REVIEW CHECKLIST

This Safe Work Method Statement Review Checklist is to be followed and used upon initial development of the SWMS to help ensure that all steps have been adequately taken before work commences. Think of this document as an internal audit review checklist before commencing work, and may form part of a Toolbox Talk (safety meeting) and may be used as an opportunity for education and training.

ITEMS WHICH MUST BE INCLUDED IN THE SWMS	COMPLETED	COMMENTS
The company details have been entered, including the project name and address.		
All relevant personnel consulted during the development of the SWMS.		
Name, signature, position and date signed of the person approving the SWMS.		
Specific personnel and qualifications, experience is noted in the SWMS.	7	
Provides a step-by-step process of tasks required to carry out the activity or task.	k	
Adequate risk assessment of any identified hazards has been completed.	\boxtimes	
Foreseeable hazards are identified and documented for each step.	\boxtimes	
Any hazards listed in any site risk assessments have been added to the SWMS		
SWMS initial risk (IR) column as well as residual risk (RR) colum mpleted.	\boxtimes	
Check control measures added to the SWMS are the most effective selections.	\boxtimes	
Responsible person is assigned and listed on the part of the important of	\boxtimes	
Permit or licenses requirements specified, sur as Hot Work, Electric Work, Work at Heights etc.	\boxtimes	
SWMS identifies plant and equipment to be use	\boxtimes	
Details of inspection checks required for any equipment listed an onthe SWMS.	\boxtimes	
Describes any mandatory qualifications, experience, use or skills required to perform the work.	\boxtimes	
Applicable personal protective equipment is selected on the SWMS.		
Reflects and documents any legislative references and/or Australian Standards.	\boxtimes	
Identifies any hazardous substances used with specific control measures in line with any SDS.	\boxtimes	
REVIEWED BY	DATE REVIEWED	
SIGNATURE	DATE COMPLETED	