

Earthworks On Slope	SAFE WORK METHOD	STATEMENT (SWMS)	
TASK	K OR ACTIVITY: Earthworks On	Slope	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E qil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROV D BY	THE PC. OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or und thing (Pc V) is	required to element that a safe work method	statement (SWMS) is prepared before
Full Name:			
Signature:	NY	Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	compliant e of the SWIL as well as re	eviews and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS VMS HAVE THE FOLLOWING COMMUNICATED	NA. 2 OF ALL RELEVANT PERSONN EVELOPMENT AND APPROVAL OF	IEL WHO HAVE BEEN CONSULTED AND (THIS SWMS	COMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched ed in accorde with egislative requirements to first identify any site hazards, to continuing the those hazards and then to further take steps to either eliminate or conditional leach hazard.			
If an incident or a near miss occurs, all work must stead dately. 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.			



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 WC & BEIN C & RIED 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-hearing	☐ is carried out on or near energised electrical installations or services
☐ involves demolition of an element related to the physical interrity structure	☐ is carried out in an area that may have a contaminated or flammable atmosphere
☐ involves, or is likely to involve, disturbing as	☐ involves tilt-up or precast concrete
involves structural alteration or repair the requires to rary so port 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 an or 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	Y OR EQUIPMENT NEARBY



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 Remoy e 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 before work starts.		Replace the hazard.	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.		Isolation Isolate People from the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	nitor and records		Engineering Isolate the hazard.	
is the second m	archy of Controls: nost effective methologing the work is	od of controlling a	a hazard. Engine	ering by isolat	ion is the nost of	e. tive, while	ard. Substitution e Administrative least effective		Administrative Change the work.	

						TIVE EQUIPM					
		Select the app	propriate PPL	abo suitak	ok for the equip	oment used or	the job task	being perfori	med (if applica	able).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	THE ARING STION	P _cCTION	PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE R	equired:										
	Pe	ermit or Licen	ses Requirem	ients		Mandatory Qualifications 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																																													
			- Conduct a thorough site inspection to asset terrain conditions and identify any specific risks associated with uneven ground.																																														
			- Develop a site-specific Safe Work Method control measures for working on slopes.																																														
			- Provide adequate training a briefing for all work some unique risks and safety protocols related to earthworks on slope																																														
			- Use appropries signage clear mark haze ous areas and slopes, and restrict access to unauthorise ersonnel.																																														
			- Ensurall veloces are machinery are untable for slope work and fitted with rollover protection systems (ROP)																																														
			- Open exchinent t speeds appropriate to the terrain and conditions to maintain control and avoid accidents.																																														
1. Preparation	Uneven terrain, weather conditions	3H	Equip prkers with personal protective equipment (PPE) such as high-visibility clothing, helmets, and such you wear a signed for uneven surfaces.	2M																																													
			Estable emergency response procedures specifically tailored for incidents occurring on slopes, suring all workers are familiar with them.																																														
											- Incorporate weather monitoring into daily planning to prepare for sudden changes in conditions that could affect the safety of earthworks.																																						
			- Schedule work during periods of suitable weather whenever possible, avoiding operations under adverse weather conditions like heavy rain or high winds.																																														
			- Install barriers or edge protection to prevent workers or machinery from sliding or falling off steep slopes.																																														
																																																- Implement routine maintenance checks on all equipment to ensure it functions safely and efficiently on slopes.	
			- Designate a spotter or safety observer to monitor activities on the slope and provide guidance and alerts as necessary.																																														
			- Utilise earth stabilisation methods, such as terracing or anchoring, to enhance the stability of the work area and reduce the risk of erosion or collapse.																																														
			- Conduct a thorough geotechnical survey to assess soil stability and identify any weaknesses or risk areas that might present challenges during earthworks.																																														
2. Site Inspection Unstable ground, undergrou	Unstable ground, underground services	4A	- Utilise ground-penetrating radar or similar detection technology to identify and confirm the location of any underground services such as cables, pipes, and other utilities to prevent accidental damage.	2M																																													
			 Implement exclusion zones around identified unstable areas, demarcating these with signage and barriers to restrict access and minimise risk of personnel being on unsafe ground. 																																														



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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
			- Engage with utility companies to verify the precise location of their underground assets and seek detailed maps and records to cross-reference with existing site plans.	111011
			- Schedule regular inspections of the site during or pations by qualified engineers or specialists to monitor changes in ground conditions and address enging risks immediately.	
			- Train all onsite personnel in the recognity of signs corround instability and proper emergency response procedures, ensuring they are equipped trainable potential incidents effectively.	
			- Ensure that all heavy machinery use is plant, and supervised carefully, maintaining safe distances from identified unstable ground and underground rvice are two decrease pressure and vibrations that could destabilise the site.	
			- Establish continuous, temes ancy protocols for quick evacuation and response should there be any ground move and or break of unarground vices detected.	
			- Deploy tem, vary reinfortement so the such as retaining walls, poles, or shoring systems in areas where the pest process.	
			- Arra, to ran el commental or geological expert to be available for consultation throughout the project to provide recialist didance in managing unique or unexpected site challenges.	
			Conduct a precent site inspection to identify potential wildlife habitats and ensure safe access routes.	
			- Instante porary fencing around the work area to prevent wildlife from entering the site.	
			Provide vaining for workers on how to safely handle and report wildlife encounters.	
			- wildlife repellents or deterrents, if appropriate and environmentally safe, to minimise animal intrusions.	
			- Develop and implement an emergency response plan specifically for wildlife encounters during earthworks.	
			- Ensure all vehicles and heavy machinery are equipped with appropriate lighting and noise devices to alert wildlife of human presence.	
0.11	Wildlife on a sundant like	4.4	- Establish designated entry and exit points to control site access and maintain security.	011
Hazard Identification	Wildlife encounters, site access	4A	- Post clear signage indicating restricted areas and potential wildlife hazards around the site perimeter.	3H
			- Schedule regular safety briefings to update workers on identified hazards and revised safety protocols.	
			- Equip personnel with personal protective equipment (PPE) specifically suited for dealing with potential wildlife threats and difficult terrain.	
			- Regularly monitor weather conditions as they can influence wildlife activity and access conditions.	
			- Liaise with local wildlife management organisations for guidance on managing potential wildlife encounters.	
			- Maintain clear communication lines amongst team members for rapid reporting and coordinated response to any incidents.	
			- Conduct frequent inspections of access routes to ensure they remain safe and unobstructed by debris or environmental changes.	



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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
4. Equipment Setup	Incorrect machinery setup, electrical hazards	ЗН		2M
5. Excavation Plan Review	Miscommunication, inadequate planning	3Н		2M



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6. Soil Testing	Contaminated soil,ent failu	ВН		2M
7. Bench Cut Formation	Slides and slips, insufficient equipment	4A		3H

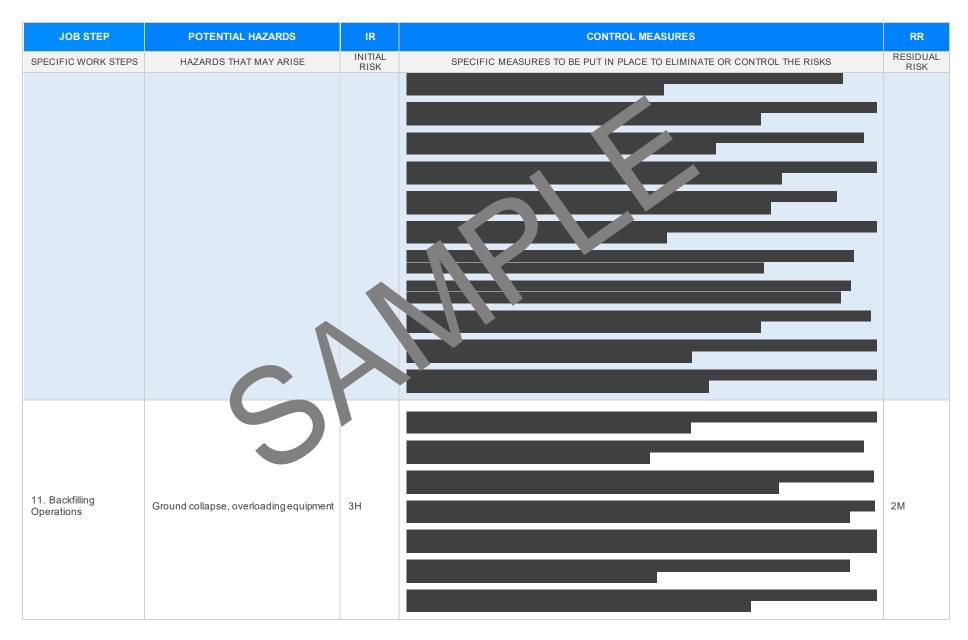


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8. Slope Monitoring	Visual obstruction, unstable slopes	4A		■ 3H
o. Slope Monitoring	visual obstruction, unstable slopes	40		311



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9. Material Transport	Vehicle rollover, to secured	ЗН		2M
10. Drainage Installation	Water accumulation, incorrect installation	4A		3H







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12. Compaction Activities	Machinery malfunction, dust generation	3H		2M
13. Vegetation Clearance	Falling debris, hazardous plants	3Н		2M

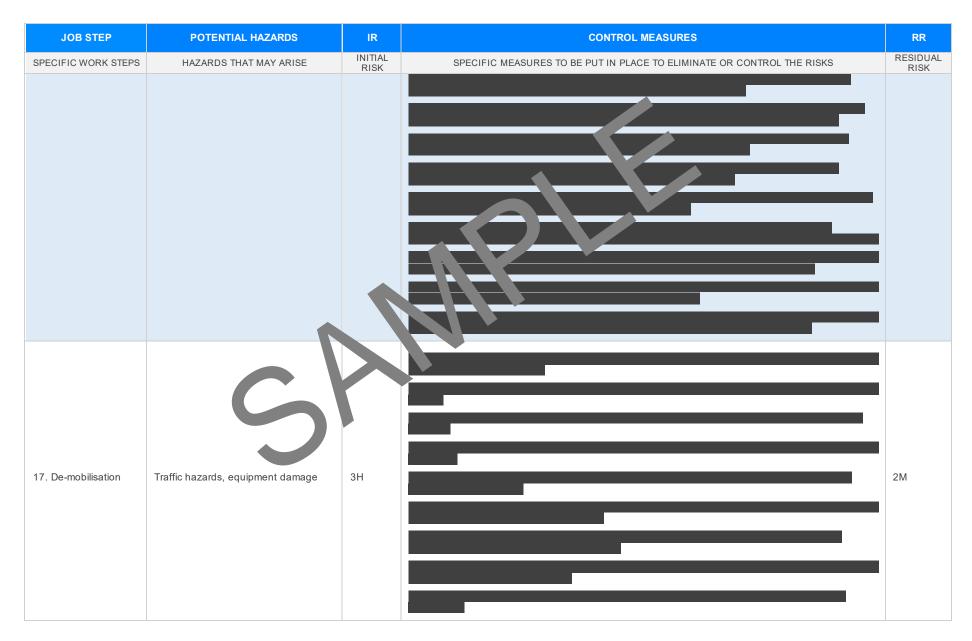


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				l
	1			
4. Final Grading	Inadequate grading, sur	3H		2M
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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
15. Site Clean-up	Slip and trip hazards, waste disposal issues	ЗН		1L
16. Safety Review	Overlooked hazards, communication failure	3Н		1L







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18. Environmental Checks	Pollution, landscape disruption	3h		2M
19. Reporting & Feedback	Data inaccuracy, incomplete documentation	ЗН		1L



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20. Continuous Improvement	Resistance to change, lack of comprehensive review	ЗН		1L



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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK



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 REFERENCE. N ANY STATEMENT 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 2017

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

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

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 201

Work Health and Safety (National Uniform Legislation) Regulations 26

Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/prkplate fety-lay

Codes of Practice NT: https://worksafe.nt.gov.a/ and-reso pes des ractice

South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (S

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

Codes of Practice for SA: https://www.safework.sa.gov.au/w/wplaces/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

Occupational Health & Safety A 2004

Oct ational Health an Safe* regulations 2017

- Legis ion VIC: https://www.orksafe.vic.gov.au/occupational-health-and-safety-act-and-
- des of actice VI 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	Date

SAFE WORK IN 'THIS 'S' ITEM ON MONITORING AND REVIEW

The SWMS must be reviewed regularly to make sure it remain effect, and must be reviewed (and revised if necessary) if relevant control measures are revised. The view as should be carried out in consultation with workers (including contractors as unputractors of the SWMS and their health and safety registeratives who represented that work group at the workplace.

When the SWMS has been revised the PCBD mest ensure the advised that a revision has been made and how they can accept the revised SWMS, including all persons who will need to change a work procedure or system as a remotified the review are advised of the changes in a way that will enable them to implement their duties the child with 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.
- Consultation with workers, contractors and sub-contractors.
- 3. 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							



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.		
Adequate risk assessment of any identified hazards has been completed.		
Foreseeable hazards are identified and documented for each step.		
Any hazards listed in any site risk assessments have been added to the SV 5.		
SWMS initial risk (IR) column as well as residual risk (RR) column ampleted.		
Check control measures added to the SWMS are the most effer ve secutions.		
Responsible person is assigned and listed on the splenetation of control measures.		
Permit or licenses requirements specified, so n as Hot Work, Electral Work, Work at Heights etc.		
SWMS identifies plant and equipment to be		
Details of inspection checks required for any equipment lister are noted on the SWMS.		
Describes any mandatory qualifications, experience, and or skills required to perform the work.		
Applicable personal protective equipment is selected on the SWMS.		
Reflects and documents any legislative references and/or Australian Standards.		
Identifies any hazardous substances used with specific control measures in line with any SDS.		
REVIEWED BY	DATE REV	/IEWED
SIGNATURE	DATE COM	PLETED