Fertilisers SA	FE WORK METHOD STATE	EMENT (SWMS)	
	TASK OR ACTIVITY: Fertilisers		
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E all:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY		
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.		required to en the that a safe work method s	tatement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	ppliance the VMS a well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS MAN PARTICIPATING IN ANY ACTIVITY ANY ACTIVITY A ANY ACTIVITY ANY ACTIVITY ANY ACTIVITY ATA ATA ATA ATA	NALE OF ALL RELEVANT PERSONNE EVELOPMENT AND APPROVAL OF	EL WHO HAVE BEEN CONSULTED AND CO THIS SWMS	DMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched red in account with regislative requirements to first identify any site hazards, such a communication those hazards and then to further take steps to either eliminate or contract each hazard.			
If an incident or a near miss occurs, all work must stop an attactive 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 CONSTRUC	
☐ involves a risk of a person falling more than 2 meters	I 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 integ. Y of a sucture	\square 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 terminary supart 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	\Box 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 that 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



	RISK MATRIX										
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	000DF			HEIRARCHY OF CONTROLS		
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE	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 k⊾ records		Engineering Isolate the hazard.		
is the second me	rchy of Controls: ost effective metho nging the work is th	d of controlling a	hazard. Enginee	ering by isolati	on is the in post e	en. ^t ive, while	d. Substitution Administrative effective		Administrative Change the work. PPE		

						TIVE EQUIPM					
		Select the ap	propriate PPL	abo, ruitab	i or the equi	oment used or	the job task	being perform	ned (if applica	able).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION		P ECTION	R⊾ ⇒PIRATORY PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE Required:											
	Permit or Licenses Requirements				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
			 Training and induction: Ensure that all work is involved in handling fertilisers are provided with adequate training and induction about the potential having and so work procedures. Personal Protective Equipment (PPE): Provide the opticate PPE, such as gloves, safety goggles, and 	
			 chemical-resistant clothing for workers handling a tillsers to microise chemical exposure. Non-slip footwear: Require warkers to wear sturd, on a nootwear to reduce the risk of slips and falls around fertiliser storage and having areas. 	
			- Proper Storage store features in a designated rea away from walkways or high-traffic zones to prevent acclosits and spill	
			- Spill ontrol puredure establish clearspill containment and clean-up procedures, including ensuring that such are cleared promptly and safely to prevent slips and falls and to minimise chemical exposure.	
1. Preparation	Slips and falls, Chemical exposure	2M	- Clear gna replace sible warning signs and hazard symbols in areas where fertilisers are stored or used to pert where to potential risks and hazards.	1L
	G			
			egular inspections of the work area: Conduct routine inspections of the workspace to ensure good huncheeping practices are being maintained and to identify and address any potential hazards.	
			Safe handling guidelines: Develop and communicate guidelines outlining the correct use, handling, and disposal of fertilisers to all workers at the job site.	
			- Ventilation: Ensure proper ventilation, such as open windows or mechanical ventilation systems, to help disperse any hazardous fumes from the fertiliser.	
			- Emergency response plan: Establish a comprehensive emergency response plan that outlines steps to be taken in case of an accident, including who to contact, evacuation procedures, and first aid provisions.	
			- Proper storage facilities: Ensure that fertilizers are stored in a well-ventilated, cool, and dry area, away from direct sunlight, heat sources, or potential ignition points.	
	Fire hazard, Incompatible chemical		- Chemical compatibility: Segregate incompatible chemicals or fertilizers to prevent accidental mixing or contact, which may cause hazardous chemical reactions. Consult Material Safety Data Sheets (MSDS) for information on compatibility.	
2. Storage	reactions	ЗH	- Clear labeling: Clearly label all containers with the specific type of fertilizer and include appropriate hazard symbols, warnings, and handling instructions as per manufacturer guidelines.	2M
			- Fire prevention: Install fire alarms, smoke detectors, and appropriate fire extinguishers near the storage area. Conduct regular equipment checks and ensure staff are trained in their use.	
			- Spill containment: Establish spill containment measures to confine any potential leakage or spills within the storage area, such as installing bunds or secondary containment systems.	



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
			- Storage capacity limits: Avoid overstocking and storing excessive amounts of fertilizers to minimise risk. Adhere to local regulations regarding storage capacity limits.	
			- Emergency response plan: Develop and implement an emergency response plan, including immediate actions to be taken in case of fire or chemical modents. Regularly review and update the plan as necessary.	
			- Staff training: Ensure that all personnel han ong or training around fertilizers are trained in proper handling, storage techniques, and the potential consistent with fertilizers.	
			- Inspection and maintenance. Conduct regular in vections on set storage area for signs of damage, leaks, or spills. Perform routine valuenance on storage readiners, shelves, and equipment used for handling fertilizers.	
			- Restricted across: Limit a less to othorised a sonnel only and implement a system to keep track of who enters a lexits the st lage are.	
			- Percent protective exceptionent (PPE): novide employees handling fertilizers with appropriate PPE, such as glasse safety excepts, and respirators (if required), to minimise exposure and protect their health. Ensure an overset trained in the correct use and maintenance of PPE.	
			Provide proper raining. Ensure all team members involved in handling fertilizers are adequately trained or afe lining team iques and appropriate handling methods to reduce the risk of back injuries and punder a bunds.	
			Ise appropriate Personal Protective Equipment (PPE): Equip workers with necessary PPE such as goves, safety boots, long sleeve shirts, and pants to protect against puncture wounds and skin irritation from fertilizer contact.	
			 Implement mechanical aids: Utilise equipment like pallet jacks, trolleys, or forklifts for moving heavy loads of fertilizers to minimise manual handling and reduce the risk of back injuries. 	
			- Correct lifting posture: Encourage workers to always bend their knees while lifting and maintain a straight back to minimise strain on the spine during manual handling tasks.	
3. Handling	Back injuries, Puncture	2M	- Practice good housekeeping: Regularly remove clutter and obstacles from the working area, ensuring clear pathways and reducing the chance of tripping or stumbling while handling fertilizers.	1L
			- Store materials properly: Securely store fertilizers in designated areas, using sturdy shelving or pallet systems to prevent containers from falling and causing puncture wounds or back injuries.	
			- Rotate duties: Schedule regular breaks and rotate workers between different tasks to avoid prolonged strain on muscles and joints, which can lead to potential back injuries.	
			- Utilise teamwork: Encourage workers to work together, using a "buddy system" when lifting heavy loads or moving large quantities of fertilizer, to minimise individual risks of injury.	
			- Properly label containers: Clearly label all fertilizer containers, detailing the contents and any relevant hazard information, so workers are aware of potential risks before handling.	
			- Monitor and review work procedures: Continuously evaluate the effectiveness of implemented control measures and seek feedback from workers on ways to further minimise risks during the handling of fertilizers.	



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
			- Establish emergency procedures: Develop and communicate a plan for responding to accidents or incidents related to handling fertilizers, such as puncture wounds or back injuries, ensuring workers are aware of steps to take in case of an emergency.	
4. Mixing	Chemical burns, Fume introtion	31-		2M

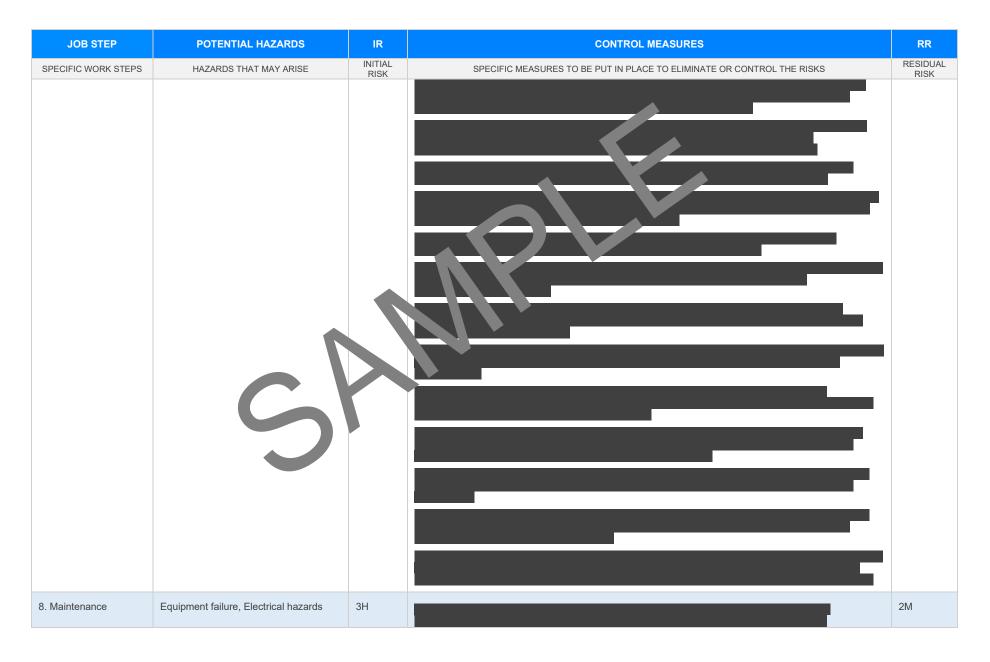


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
5. Application	Over-spray, Drift hazart	21		1L



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
6. Transportation	Spills, Vehicle accidents	ЗН		
7. Clean-up	Chemical contamination, Disposal hazards	2M		1L

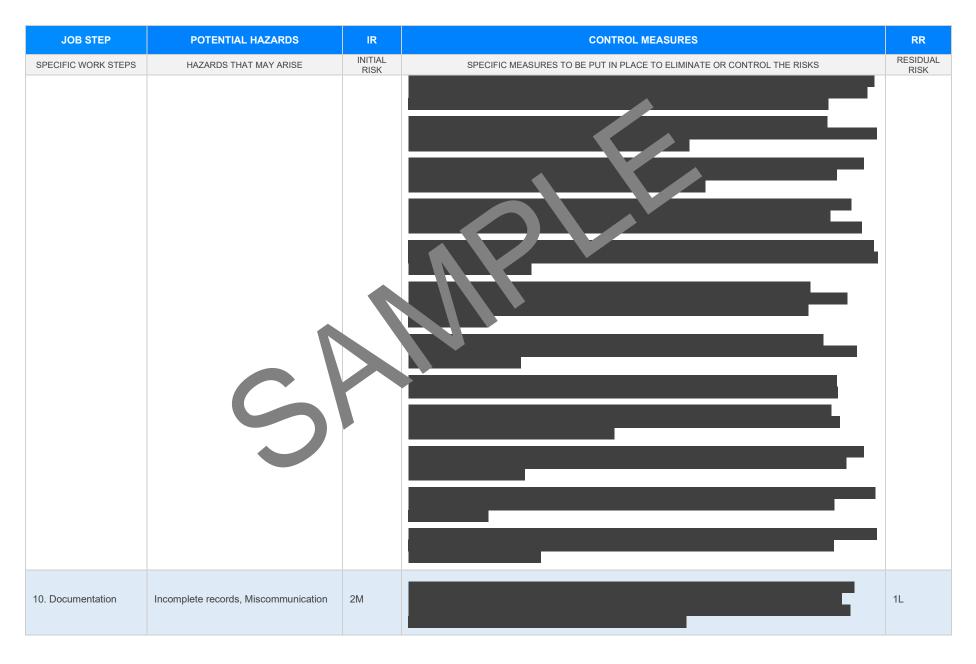




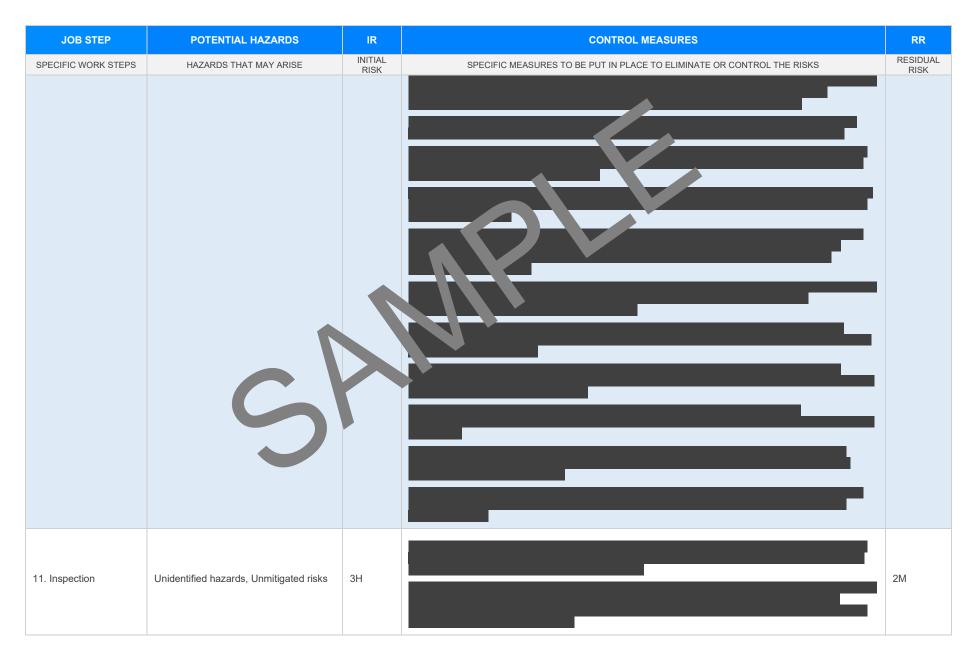


JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
9. Emergency response	Inadequate communication, Lack of training	4A		ЗH











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
12. Training	Misuse of equipment, Inadequate skills	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
	S			



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.

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/codes-of-practice Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice	Victoria Occupational Health and Safety Acta 24 Occupational Health and Safety Acta 24 Degis of VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulations</u> Codes of mactice VIC <u>entps://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice</u>				
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/legislative Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislative	Western Australia Work Health and Safety Act 2020 Work Health and Safety Regulations 2022 Legislation Western Australia: <u>https://www.commerce.wa.gov.au/worksafe/legislation</u> Codes of Practice WA: <u>https://www.commerce.wa.gov.au/worksafe/codes-practice</u>				
Northern Territory Work Health and Safety (National Uniform Legislation) Act 2011 Work Health and Safety (National Uniform Legislation) Regulation 2011 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/workplace-serve-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/workplace-serve-laws</u>	Safe Work Australia Links Law and Regulation (All States): <u>https://www.safeworkaustralia.gov.au/law-and-regulation</u> Model Codes of Practice: <u>https://www.safeworkaustralia.gov.au/resources-publications/model-</u> <u>codes-of-practice</u> Model Codes of Practice				
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (SA) Legislation for SA: <u>https://www.safework.sa.gov.au/resources/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_aces/codes-of-practice#COPs</u>	 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 				
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/codes-of-practice Codes of Practice for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice	 Weiting 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 				
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	 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 				

- Any required documents.



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 gualifications 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 N THE ST ATEM ANT MONITORING AND REVIEW

d must reviewed (and

hav be sted by the operation

should be carried out in

The SWMS must be reviewed regularly to make sure it remains fective revised if necessary) if relevant control measures are revised. The viewn consultation with workers (including contractors htractors 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 persons involved with the work are 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 antly 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:

- 1. Spot Checks.
- 2. 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.			
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.	\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	\boxtimes		
SWMS initial risk (IR) column as well as residual risk (RR) column mpleted.	\boxtimes		
Check control measures added to the SWMS are the most effective selections	\boxtimes		
Responsible person is assigned and listed on the part the importation control measures.	\boxtimes		
Permit or licenses requirements specified, su 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 protection on the SWMS.	\boxtimes		
Describes any mandatory qualifications, experience, and g or skills required to perform the work.	\boxtimes		
Applicable personal protective equipment is selected on the SWMS.	\boxtimes		
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		