



Kiln (Electric)   S	SAFE WORK METHOD STA	TEMENT (SWMS)	
1	TASK OR ACTIVITY: Kiln (Electric	c)	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E fil:	
THIS SAFE WORK METHOD	OTATEMENT IO APPROVED BY	FUE DO LOS TUE COLISOT	
THIS SAFE WORK METHOD	STATEMENT IS APPRO' 'D 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 under a (PC 1) is	required to en that a safe work method s	statement (SWMS) is prepared before
Full Name:			
Signature:	NY	Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring a	poliance the VMS a well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS S (MS M) HAVE THE FOLLOWING COMMUNICATED	NA 2 OF ALL RELEVANT PERSONNE EVELOPMENT AND APPROVAL OF	EL WHO HAVE BEEN CONSULTED AND COTHIS SWMS	OMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched sed in account 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, an attely. 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 BIOK CONSTRUCTOR	NAME OF THE POLIT
ANY HIGH-RISK CONSTRUCTOR	N WC & BEIN C ARIED 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	$\square$ is carried out on or near energised electrical installations or services
☐ involves demolition of an element related to the physical integral 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 — v 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 that. tunnel involving use of explosives	☐ is carried out in areas with artificial extremes of temperature.
$\square$ 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	HEI	RARCHY 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 before work starts.		Replace the hazard.	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Isolate	e 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	ering by isolati	on is the in ost e	en 'ive, while	rd. Substitution Administrative effective		Administrative Change the work.  PPE	

				PERS		TIVE EQUIPM					
		Select the app	ropriate PPŁ	abo v uitab	cor the equi	pment used or	the job task	being perforr	ned (if applica	ıble).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING ETION	P ECTION	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	ents		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
1. Preparation	Manual handling injuries, slips and trips	2M	<ul> <li>Provide manual handling training to all words, teaching them the correct lifting techniques and posture in order to minimise strain and injury on the conuccles are joints.</li> <li>Utilise mechanical aids such as trolleys, forking a poists wherever possible to reduce the amount of heavy lifting required by the workers and mitigate perisk of assertiated injuries.</li> <li>Clearly mark any potential the pazards, such as only, under flooring, or obstacles, ensuring they are easily identifiable to all parkers on sent.</li> <li>Conduct regult on spectitor of the tork area, it patifying and promptly addressing any potential hazards related to slifting or tripping before to a care use harm.</li> <li>Ensure all worders were appropriate personal protective equipment (PPE) including sturdy, non-slip footword at contract with Australian safety standards.</li> <li>Implicate the clean or kplace policy to maintain a tidy and clutter-free environment, reducing the likelihor of the sand as due to unnecessary objects obstructing pathways.</li> <li>Create esign of storage areas to ensure all tools, machinery, and materials are stored correctly when not use preventing them from becoming trip hazards.</li> <li>Develor par procedures for handling and storing hazardous goods, such as chemicals or heavy flects, to minimise the risk of accidents during preparation.</li> <li>Encourage open communication among workers to report any hazards or unsafe practices observed to supervisors, fostering a culture focused on continuous improvement and safety.</li> <li>Establish a robust incident reporting system, allowing management to track trends and address concerns proactively, thus minimising future risks.</li> <li>Document step-by-step processes about the electric kiln's safe handling and operation to educate workers and reduce misconceptions, errors, or confusion.</li> <li>Plan the layout of the workspace thoughtfully, considering optimal positioning of heavy objects, tools, and equipment to minimise excessive reaching or twisting</li></ul>	1L
2. Pre-inspection	Exposure to electrical hazards, dust inhalation	ЗН	<ul> <li>Conduct a thorough visual inspection of the electrical kiln and its surrounding area for any visible signs of damage, frayed wires, or loose connections prior to use.</li> <li>Ensure all employees operating or working near the electric kiln have completed appropriate training on electrical hazard awareness and risk management.</li> <li>Provide and ensure that employees wear suitable Personal Protective Equipment (PPE) such as dust masks, safety goggles, and gloves to reduce the risk of dust inhalation and eye irritation.</li> <li>Establish exclusion zones around the kiln and post clear warning signs to prevent unauthorised personnel from approaching the area and being exposed to potential hazards.</li> <li>Implement regular maintenance checks and servicing of the electric kiln according to manufacturer's guidelines to keep it in optimal working condition and minimise the risk of electrical hazards.</li> </ul>	1L



	IR	CONTROL MEASURES	RR
HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
		- Keep electrical components clean and free from dust build-up to prevent short circuits and other electrical malfunctions.	
		- Utilise an appropriately rated Residual Current Desce (RCD) to protect workers in case of electrical faults and provide an additional layer of safety sang operation.	
		- Install proper ventilation or extraction systems to prever excessive dust accumulation in the immediate working area, which minimises the risk of dust phalating.	
		- Develop and implement an emergency responsible of an electrical include that may be curred uring the pre-inspection phase.	
		- Encourage and enforce safe had ling practices an process of the entire kiln and following lockout/tagout procedures when necessary.	
		- Implement power manus handling to pages, such as bending knees and lifting with legs, to minimise the right injurit legs, and with heavy uniting.	
		- Prov expining to 1 employees involved in loading materials about correct lifting procedures and injury preven on.	
		- Utilise quip, ant, such as pallet jacks or trolleys, to assist with moving heavy materials and reduce the count of manuschandling required.	
		- Row to ke among workers to limit prolonged exposure to the same type of action and reduce the kelihood prepetitive strain injuries.	
		- nduct regular breaks for staff, allowing them time to rest and recover, which can help mitigate the risks associated with manual handling and fume exposure.	
Manual handling ir es, exposure to fumes	ЗН	- Implement engineering controls, such as local exhaust ventilation systems, to remove fumes at the source and prevent them from accumulating within the workplace.	2M
		- Utilise personal protective equipment (PPE), including gloves, safety goggles, and respiratory protection, to shield workers from harmful fumes and potential hazards during material loading.	
		- Establish clear communication protocols among those working around the kiln to avoid collisions, confusion, or miscommunication that could lead to accidents or incidents.	
		- Maintain a clean and organised workspace, reducing trip hazards and improving overall safety during the loading process.	
		- Periodically assess and review risks associated with material loading procedures, and update the Safe Work Method Statement (SWMS) accordingly to reflect any changes in best practices or new information.	
		- Encourage an open and supportive culture where workers are comfortable reporting any hazards or unsafe practices, ensuring that potential issues are promptly addressed and mitigation measures can be put in place.	
Electrical shock, overexposure to heat	3H		1L
	Manual handling in thes, exposure to fumes	Manual handling its vies, exposure to fumes	** Keep electrical components clean and free from dust build-up to prevent short circuits and other electrical maffunctions.  ** Utilize an appropriately rated Residual Current Day 58 (RCD) to protect workers in case of electrical faults and provide an additional layer of safety using operation.  ** Install proper ventilation or extraction systs is to prevent ixcessive dust accumulation in the immediate working area, which minimises the risk of dus habita?  ** Develop and implement an emergency respons usin with clearly defined protects and procedures in the event of an electrical indiction or or other accider what may our during the pre-inspection phase.  ** Encourage and enforce safe in stilling practices are not ofkers, including maintaining proper hand placement when in several the entire killing practices are not ofkers, including maintaining proper hand placement when in several the entire killing practices are not ofkers, including maintaining proper hand placement when in several the entire killing practices are not ofkers, including maintaining proper hand placement when in several the entire killing practices are not of several placement when increases used with heavyamiling.  ** Implement proper manual placement and increase such as bending knees and lifting with legs, to minimise the nit (injuri, eases used with heavyamiling.  ** Provi is limited by a manual planding required.  ** Rose is it is among workers to limit prolonged exposure to the same type of action and reduce the relinoous repetitive strain injuries.  ** Induct regular breaks for staff, allowing them time to rest and recover, which can help mitigate the risks associated with manual handling and furne exposure.  ** Implement engineering controls, such as local exhaust ventilation systems, to remove furnes at the source and prevent them from accumulating within the working around the kin to avoid collisions, conflusion, or miscommunication protocols among those working around the kin to avoid collisions, conflusion, or miscommunication p



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. Ventilation	Poor air quality, noise exposure	2M		1L



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6. Monitoring	Eye strain, ergonomic issues	2M		1L



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7. Quality control	Exposure to sharp objects, hot surves	2M		1L



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8. Unloading	Manual handling injuries, hot surfaces exposure	ЗН		2M
9. Post-inspection	Trip hazards, electrical exposures	2M		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
10. Maintenance	Mechanical hazards, electrical hazards	ЗН		1L



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11. Fault reporting	Communication errors, incorrect labelling	2M		1L



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12. Housekeeping	Fire hazard, slips and trips	2M		I 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
13. Record keeping	Miscommunication, loss of critical information	2M		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
14. Emergency response	Inadequate evacuation procedures, lack of training	ЗН		2M



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15. Review processes	Outdated or inacculations, complacency	2M		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	RESIDUA 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 REFERENCES. ANY STATE OF 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 2017

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

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

#### **Northern Territory**

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 2011

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: <a href="https://www.safework.sa.gov.au/wor">https://www.safework.sa.gov.au/wor</a> 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

Occupational Health at Safety Act 34

Occupational Health and afety gulations 2017

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

gulat

les on actice VI atps://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: <a href="https://www.commerce.wa.gov.au/worksafe/legislation">https://www.commerce.wa.gov.au/worksafe/legislation</a>

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 THE STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to make sure it remains a fective of must be reviewed (and revised if necessary) if relevant control measures are revised. The view process should be carried out in consultation with workers (including contractors as support ractors 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 mast ensure that advised that a revision has been made and how they can access the revised SWMS, including all persons who will need to change a work procedure or system as a rest of the review are advised of the changes in a way that will enable them to implement their duties and the 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							





### 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 SWMS		
SWMS initial risk (IR) column as well as residual risk (RR) column pleted.		
Check control measures added to the SWMS are the most effective selections		
Responsible person is assigned and listed on the part the important control measures.		
Permit or licenses requirements specified, sur as Hot Work, Electric Work, Work at Heights etc.		
SWMS identifies plant and equipment to be us		
Details of inspection checks required for any equipment listed an inoted 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 REVIEWE	D
SIGNATURE	DATE COMPLET	ED