

Boilers SAF	E WORK METHOD STATE	MENT (SWMS)					
	TASK OR ACTIVITY: Boilers						
Business Name: [Company Name]		ABN: [ABN]	SWMS#				
Business Address: [Company Address]							
Contact Person:	Phone: [Phone]	E qil:					
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE P. J OF THE PROJECT					
Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (K 3U) is required to source at a safe work method statement (SWMS) is prepared before the proposed work starts.							
Full Name:							
Signature:		Title:	Date:				
Details of the person(s) responsible for ensuring implementation, monitoring and o	compliance of the SWMS well as review	vs and modifications of the SWMS.					
Full Name:		Title:	Phone:				
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS WMS. ST HAVE THE FOLLOWING COMMUNICATED	N. 1E AND DATED SIGNATURE OF A	ALL RELEVANT PERSONNEL WHO HAVE B DPMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND				
Safety meetings or toolbox talks will be sched ed in accordance with egislative requirements to first identify any site hazards, conduct or unical those hazards and then to further take steps to either conduct or contract a hazard.	NAME	SIGNATURE	DATE				
If an incident or a near miss occurs, all work must study unately. 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:							k being carried out (otherwise				
Project Address:				ŀ	known as cope of works).						
Project Manager	:										
Contact Phone:											
Project Manager	Signature:										
Date SWMS sup	plied to Project Manag	er:									
		ANY HIG	H-RISK CON TUCT		ARRIED OUT						
involves a risk of	a person falling more than	2 meters.		is carried out on of	near pressurised gas main	s or piping.					
is carried out on	a telecommunication tower			is carried out on or near chemical, fuel or refrigerant lines.							
involves demoliti	on of an element of a struct	ure that is load-be		☐ is carried out on or near energised electrical installations or services.							
involves demoliti	on of an element related to	the physical integrit of a st	ir e,	is carried out in an area that may have a contaminated or flammable atmosphere.							
involves, or is like	ely to involve, disturbing a	estos.		involves tilt-up or precast concrete.							
involves structura	al alteration or repair that re	mporan upp to	prevent collapse.	is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor.							
☐ is carried out in c	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/r	near a shaft or trench deepe	er than 1.5m or tunnel involv	ving use of explosives.	is carried out in areas with artificial extremes of temperature.							
☐ is carried out in c	or near water or other liquid	that involves a risk of drown	ning.	involves diving wo	rk.						
		ANY	HIGH-RISK MACHINE	RY OR EQUIPMENT	NEARBY						
Forklift	Crane/s	☐ Hoist/s	Excavator	Backhoe/Loader	Boom Lift	EWP	Genie Lift				
Trencher	Drilling Rig	Trucks		Bobcat	E Flammable Gas	Fuel	Dozer				
High Voltage	Mulcher	Tilt-up Panels	Roller	Scissor Lift	Tractor	Other -					







JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR	RESPONSIBLE PERSON
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK	NAME OF PERSON
1. Preparation	Slips, trips, and falls, Electrical hazards	2М	 Perform a thorough risk assessment before beginning work to identify potential hazards and plan control measures accordingly. Ensure workers wear appropriate personal protective equipment (PPE) such as non-slip footwear, safety helmets, and glove while performing their tasks. Conduct regular housekeeping to keep the workspan clean, organised, and free of clutter that may cause slips, trips, or falls. Install and maintain adequa elighting in the work of area to crease visibility and reduce the likelihood of accide. Inspect and maintain councical company to ensure proper functioning and minimise to usk of elsevical heards. Reptae or repair any faulty equipment immediately. Usefurriers a swarreng signs to restrat access to hazardous areas or those with a high unof slips area, or falls. Train fly workers on effective hazard identification and prevention techniques, as well as been proceedings to follow in case of an emergency or accident. Begulary inspin and maintain flooring surfaces, stairs, and ladders in the working area in good condition and free from defects that could cause accide. Se proper cable management techniques to minimise the risk of trip hazards due to use cables and wires, especially near electrical equipment. Establish and implement clear communication lines between team members to ensure everyone is aware of potential hazards and can respond quickly to any incidents that occur during work. 	1L	
2. Inspection	Burns, Falling objects	ЗН	 Proper Personal Protective Equipment (PPE): Ensure that workers wear appropriate PPE, such as heat-resistant gloves, safety goggles, hard hats, and closed-toe shoes to protect against burns, falling objects, and other hazards in the boiler area. Pre-operation checklist: Implement a mandatory pre-operation inspection routine to identify and address potential hazards, such as leaks or obstructions that could lead to burns or falling objects during operation. Keep workspace clean and organised: Regularly inspect and maintain the boiler area, ensuring clear walkways, aisles, and working surfaces to minimise the risk of tripping, stumbling, or encountering hazardous materials. Training and awareness: Provide relevant training programs for employees who work with boilers, emphasising the associated risks, hazard awareness, and safe practices to prevent incidents. 	2M	



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			- Safe access and egress: Assess and ensure proper means of access and egress to the boiler area, such as stairs, ladders, or walkways, to help prevent slips, trips, and falls that could result in contact with hot surface or falling objects.		
			- Fall protection: Install guardrails, toe boards to other protective measures to prevent tools or materials from falling off element work surfaces or platforms, minimising the risk of injury from falling obje		
			- Use appropriate tools and equipment: Equip to s with the necessary tools and equipment specifically designed for boiler-related tasks to minimum direct contact with hot surfaces, reducing the kelihood of burns.		
			- Emergency response on the second se		
			- Signate and wrning laters: Post viscourgnage and warning labels around the boile and all wrniners to the presence of hot surfaces and potential falling-object a rds.		
			- Maint in a set fe dist, se: Clearly mark a safe perimeter around the boiler and establish procedures for maintaining a minimum safe distance from the equipment, ducing me risk of contact burns or being struck by falling objects.		
	1		- Resultant spections and maintenance: Schedule periodic boiler inspections and maintenance by qualified technicians to ensure that the equipment is operating fely and efficiently, minimising risks such as burst pipes and leaks.		
	G		- Communication and incident reporting: Encourage open communication among workers regarding potential hazards, close calls, or incidents, and implement a formal incident reporting system to allow for effective documentation, analysis, and improvement of workplace safety practices.		
			 Conduct regular training sessions on proper manual handling techniques to educate workers about the correct lifting, carrying, and lowering of heavy objects to minimise the risk of injuries. 		
			- Ensure that maintenance personnel wear appropriate personal protective equipment (PPE), such as gloves, safety shoes, and goggles, to minimise exposure to chemical hazards during their tasks.		
3. Maintenance	Manual handling injuries, Chemical hazards (gas leaks)	2M	 Implement a preventive maintenance schedule for boilers to identify potential issues early and perform necessary repairs or adjustments before gas leaks or other hazards arise. 	1L	
			- Establish clear protocols for the safe storage, transfer, and disposal of hazardous materials, including chemicals and gases, to reduce the risk of spills or accidental exposures during maintenance tasks.		
			- Use mechanical aids and lifting equipment, such as hoists or trolleys, to help workers handle heavy components and avoid manual handling-related injuries.		



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			- Maintain proper housekeeping practices in boiler areas, such as keeping workspaces clean and clutter-free, to reduce the risk of tripping and slipping hazards associated with maintenance activities.		
			- Develop and enforce lockout/tagout procedure or maintenance tasks to ensure that all energy sources are isolated and see ad before any work begins, minimising the risk of unexpected equipment startup or lease of the ardous materials.		
			 Promote a strong safety culture through ongo a communication and reinforcement of safety policies, encouraging workers to report gards, near cases, and incidents so that corrective actions can be taken promptly. Periodically review and operating procedures for boiler 		
			 maintenance we connot not rate in a technological tools, and best practices that support safet and more efficient work bws. In case of encinencies ocritical situres, develop a response plan that includes the identication, encipe routes, assembly points, and emergency contacts, as well as a, ropriate sit aid provisions for the treatment of potential injuries related to manual nation of one posure to hazardous materials. 		
4. Ventilation Check	Asphyxiation, Confined space nazards	зн		2M	



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5. Water Treatment	Chemical burns, Eye injuries	2M		1L	

Version 2.5

Date of Issue:



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6. Fuel Supply Handling	Fire, Explosion	4A		ЗH	

Version 2.5



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7. Pressure Testing	Pressure vessel rupture, Overheating	ЗН		1L	



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8. Control System Testing	Electrical hazards, Faulter expections	21		1L	



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9. Commissioning	Incorrect startup processare, seaufficient training	збН		2М	



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10. Regular Monitoring	Fires, Damaged o upponents	2M		1L	

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11. Emergency Shutdown	Electrical hazards uposs of containment	ЗH		2М	



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12. Decommissioning	Manual handling injuries, Environmental hazards	2М		1L	

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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	Victoria Occupational Health as Safety Act and 4 Occupational Health and bifety regulations 2017 Legistron VIC: https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulatures Codes of mactice VIC <u>extps://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/legislati Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati	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/wo</u> <u>place-serv-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/wo</u> <u>place-serv-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/wo</u> <u>place-serv-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- 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: https://www.safework.sa.gov.au/resources/legislation Codes of Practice for SA: https://www.safework.sa.gov.au/work_aces/codes-of-practice#COPs	 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/acts-and-regulations Codes of Practice for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice	 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	 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 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	Position	Signature	Date	Time	Supervisor
			Date:		
			Datu		
			ı te:		
			Date:		

SAF WC A STHUD STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to review the sure it remains revised if necessary) if relevant control measure are a conconsultation with workers (including contractors are subcontract of the SWMS and their health and safety representatives who re workplace.

ke sure it remains effective and must be reviewed (and are subcontractions) who may be affected by the operation sentatives who received that work group at the

When the SWMS has been revised the PCBU must ensure that all persons involved with the work are 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 result of the review are advised of the changes in a way that will enable them to implement their duties consistently 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	TO BE DONE	COMMENTS
The company details have been entered, including the project name and address.			
Names and signatures of all relevant personnel consulted during the development of the SWMS.		P	
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.			
Foreseeable hazards are identified and documented for each step.			
Any hazards listed in any site risk assessments have been added to the SWN			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effecting sections.			
Responsible person is assigned and listed on the SWMS for the imement of cont, measures.			
Permit requirements specified, such as Hot Wey, Electrical Work, Verat Heights etc.			
SWMS identifies plant and equipment to be up t.			
Details of inspection checks required for any equipment listed approved on the SWMS.			
Describes any mandatory qualifications, experience vaining skills required to perform the work.			
Applicable personal protective equipment is selected on the SWMS.			
Lists any required permits or licenses.			
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 RI	EVIEWED	
SIGNATURE	DATE CO	MPLETED	