

Hot Work | SAFE WORK METHOD STATEMENT (SWMS)

TASK OR ACTIVITY: Hot Work

Business Name:	ABN:	SWMS#
Business Address:		
Contact Person:	Phone:	Email:

THIS SAFE WORK METHOD STATEMENT IS APPROVED BY THE PCBU OF THIS PROJECT

Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (PCBU) is required to ensure that 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 compliance of the SWMS as well as reviews and modifications of the SWMS.		
Full Name:	Title:	Phone:

ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS SWMS MUST HAVE THE FOLLOWING COMMUNICATED

NAME OF ALL RELEVANT PERSONNEL WHO HAVE BEEN CONSULTED AND COMMUNICATED TO IN THE DEVELOPMENT AND APPROVAL OF THIS SWMS

Safety meetings or toolbox talks will be scheduled in accordance with legislative requirements to first identify any site hazards, then to communicate those hazards and then to further take steps to either eliminate or control each hazard.

If an incident or a near miss occurs, all work must stop immediately. 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 CONSTRUCTION WORK BEING CARRIED OUT**

<input type="checkbox"/> involves a risk of a person falling more than 2 meters	<input type="checkbox"/> is carried out on or near pressurised gas mains or piping
<input type="checkbox"/> is carried out on a telecommunication tower	<input type="checkbox"/> is carried out on or near chemical, fuel or refrigerant lines
<input type="checkbox"/> involves demolition of an element of a structure that is load-bearing	<input type="checkbox"/> is carried out on or near energised electrical installations or services
<input type="checkbox"/> involves demolition of an element related to the physical integrity of a structure	<input type="checkbox"/> is carried out in an area that may have a contaminated or flammable atmosphere
<input type="checkbox"/> involves, or is likely to involve, disturbing asbestos	<input type="checkbox"/> involves tilt-up or precast concrete
<input type="checkbox"/> involves structural alteration or repair that requires temporary support to prevent collapse	<input type="checkbox"/> is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor
<input type="checkbox"/> is carried out in or near a confined space	<input type="checkbox"/> is carried out in an area of a workplace where there is any movement of powered mobile plant
<input type="checkbox"/> is carried out in/near a shaft or trench deeper than 1.5m or tunnel involving use of explosives	<input type="checkbox"/> is carried out in areas with artificial extremes of temperature.
<input type="checkbox"/> is carried out in or near water or other liquid that involves a risk of drowning.	<input type="checkbox"/> involves diving work.

**ANY HIGH-RISK MACHINERY OR EQUIPMENT NEARBY**

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RISK MATRIX							
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE		
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review before work starts.
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records

  

HEIRARCHY OF CONTROLS	
<b>Elimination</b> Remove the hazard.	
<b>Substitution</b> Replace the hazard.	
<b>Isolation</b> Isolate People from the hazard	
<b>Engineering</b> Isolate the hazard.	
<b>Administrative</b> Change the work.	
<b>PPE</b>	

**Notes on Hierarchy of Controls:** Elimination methods are the most effective and preferred when controlling a hazard. Substitution is the second most effective method of controlling a hazard. Engineering by isolation is the third most effective, while Administrative Controls by changing the work is the fourth most effective method. PPE (Personal Protective Equipment) is the least effective method.

PERSONAL PROTECTIVE EQUIPMENT (PPE)											
Select the appropriate PPE above suitable for the equipment used or the job task being performed (if applicable).											
FOOT PROTECTION 	HAND PROTECTION 	HEAD PROTECTION 	HEARING PROTECTION 	EYE PROTECTION 	RESPIRATORY PROTECTION 	FACE PROTECTION 	HIGH-VIS CLOTHING 	PROTECTIVE CLOTHING 	FALL PROTECTION 	SUN PROTECTION 	HAIR/JEWELLERY SECURED 
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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
1. Preparation	Welding fumes, Fire hazards	3H	<ul style="list-style-type: none"> <li>- Proper ventilation: Ensure that the work area is well-ventilated to dilute and disperse welding fumes, thus minimising workers' exposure.</li> <li>- Fire-resistant materials: Use fire-resistant or non-combustible materials, such as welding blankets or screens, to cover any flammable or combustible surfaces in the work area.</li> <li>- Fire extinguishers: Keep fully charged and inspected fire extinguishers readily available at the hot work site to minimise the risk of uncontrolled fires.</li> <li>- Adequate training: Provide proper training on hot work procedures and safety measures to all workers involved in the operation, ensuring they understand the risks and controls.</li> <li>- Personal Protective Equipment (PPE): Require workers to use appropriate PPE, such as welding masks, gloves, and flame-resistant clothing, to protect against hazards associated with hot work.</li> <li>- Pre-work inspection: Conduct a thorough inspection of the work area before initiating any hot work operations to identify and eliminate potential fire hazards.</li> <li>- Designated smoking areas: Establish designated smoking areas away from the hot work site to minimise the likelihood of accidental fires.</li> <li>- Spark control: Implement spark and slag containment measures, such as shielding, to prevent sparks or molten metal from contacting flammable or combustible materials.</li> <li>- Permits and approvals: Obtain necessary permits and approvals for hot work operations to ensure compliance with workplace health and safety regulations.</li> <li>- Emergency procedures: Develop and communicate clear emergency response procedures for workers to follow in case of a fire or other emergency related to hot work activities.</li> <li>- Regular breaks: Schedule regular breaks for workers engaged in hot work operations to reduce the risk of fatigue, which can lead to impaired judgment and accidents.</li> <li>- Monitoring and supervision: Ensure ongoing monitoring and supervision of hot work operations to promptly address any emerging hazards or unsafe practices.</li> </ul>	2M
2. Safety Equipment Inspection	Faulty equipment, Inadequate PPE	3H	<ul style="list-style-type: none"> <li>- Regular inspections: Conduct routine inspections of all safety equipment, including checking for any visible damage or wear before and after each use.</li> <li>- Proper maintenance: Ensure regular maintenance and servicing of safety equipment by qualified professionals, as per the manufacturer's guidelines.</li> <li>- Equipment replacement: Replace any faulty or damaged equipment immediately, and do not allow workers to use such equipment until fully repaired or replaced.</li> <li>- Suitable PPE: Provide appropriate personal protective equipment (PPE) such as safety goggles, gloves, face shields, and fire-resistant clothing to workers conducting hot work.</li> <li>- PPE training: Train all workers in the correct use and care of their PPE, and ensure they understand the importance of wearing it during hot work tasks.</li> </ul>	1L

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			<ul style="list-style-type: none"> <li>- PPE storage: Establish designated storage areas for PPE, and encourage workers to keep their equipment clean and well-maintained.</li> <li>- Safety checks: Encourage workers to regularly check their safety equipment and report any issues to their supervisor immediately.</li> <li>- Emergency response plan: Develop and implement an emergency response plan to address potential incidents involving faulty equipment or inadequate PPE, and provide training for workers on how to handle such situations.</li> <li>- Clear communication: Ensure clear communication between workers, supervisors, and safety personnel regarding equipment inspection schedules, PPE requirements, and overall safety standards.</li> <li>- Documentation: Maintain records of safety equipment, inspections, maintenance activities, and PPE compliance to monitor the effectiveness of the control measures and identify areas for improvement.</li> <li>- Risk assessment: Perform a thorough risk assessment for each hot work environment and update the Safe Work Method Statement (SWMS) accordingly, reflecting any changes or new hazards that may arise from faulty safety equipment or inadequate PPE.</li> <li>- Continuous improvement: Regularly review and update safety policies and procedures to keep up with industry best practices and advancements in safety equipment technology, ensuring continuous improvement in the management of workplace health and safety risks.</li> </ul>	
3. Work Area Setup	Slip and trip hazards, Uneven/obstructed floor surfaces	2M	<ul style="list-style-type: none"> <li>- Inspect the work area before setting up to identify and address potential slip, trip, or uneven/obstructed surface hazards.</li> <li>- Remove all unnecessary equipment, debris, and material from the hot work area to minimise clutter and provide adequate space for performing tasks.</li> <li>- Ensure that the floor surfaces are clear of any grease, oil, water, or other substances that may increase the risk of slipping.</li> <li>- Mark any uneven or obstructed floor areas with high-visibility tape or cones, and alert workers and site personnel to pay special attention to these areas.</li> <li>- Use slip-resistant flooring materials, such as mats or non-slip paint, when possible to provide increased grip on the floor.</li> <li>- Keep pathways and walkways clear of cables, hoses, and other trip hazards by safely securing them overhead or along walls using cable organizers, hooks, or other appropriate means.</li> <li>- Consider utilising temporary barricades or barriers around the hot work area in order to restrict access only to authorised personnel trained to navigate the area safely.</li> <li>- Train workers on proper techniques for lifting and moving materials throughout the work area, in order to reduce the risk of accidental tripping or slipping during material handling tasks.</li> <li>- Conduct regular housekeeping tasks throughout the work shift to maintain a tidy, organised, and safe work environment free from slip and trip hazards.</li> <li>- Encourage workers to wear appropriate personal protective equipment (PPE), such as slip-resistant footwear, to decrease the likelihood of slips and trips during hot work activities.</li> </ul>	1L

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			- Establish a system of reporting and addressing newly discovered hazards in the work area promptly, ensuring necessary refinements to work procedures and additional control measures are implemented as needed to reduce risks to an acceptable level.	
4. Gas Cylinder Handling	Falling cylinders, Leaks/explosions	3H	[REDACTED]	2M
5. Welding/Cutting Operations	Eye damage from UV light, Electrical shocks	3H	[REDACTED]	2M

SAMPLE







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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
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
9. Confined Spaces	Limited access/egress, Oxygen-deficient atmosphere	3H	[REDACTED]	2M
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	

SAMPLE

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
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
10. Overhead Work	Dropped objects/falling materials, Suspension trauma	3H	[REDACTED]	2M
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	

SAMPLE

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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
			[REDACTED]	
11. Material Handling	Manual handling injuries, Struck by/load falling	2M	[REDACTED]	1L

SAMPLE

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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
			[REDACTED]	
12. Housekeeping	Sparks igniting materials, Cluttered work area	2M	[REDACTED]	1L

SAMPLE

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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
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	
			[REDACTED]	

SAMPLE

**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 FOR ANY STATE THAT 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 and Safety Act 2004  
 Occupational Health and Safety Regulations 2017  
 Legislation VIC: <https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-regulations>  
 Codes of Practice VIC: <https://www.worksafe.vic.gov.au/compliance-codes-and-codes-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/legislation>  
 Codes of Practice NSW: <https://www.safework.nsw.gov.au/resource-library/list-codes-of-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>

**Northern Territory**

Work Health and Safety (National Uniform Legislation) Act 2011  
 Work Health and Safety (National Uniform Legislation) Regulation 2011  
 Legislation NT: <https://worksafe.nt.gov.au/laws-and-compliance/workplace-safety-laws>  
 Codes of Practice NT: <https://worksafe.nt.gov.au/laws-and-compliance/codes-of-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>

**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/workplaces/codes-of-practice#COPs>

**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

**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.

**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 METHOD STATEMENT MONITORING AND REVIEW**

**The SWMS must be reviewed regularly** to make sure it remains effective and must be reviewed (and revised if necessary) if relevant control measures are revised. The review must be carried out in consultation with workers (including contractors and sub-contractors) who may be affected by the operation of the SWMS and their health and safety representatives who represent that work group at the workplace.

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	COMMENTS
The company details have been entered, including the project name and address.	<input checked="" type="checkbox"/>	
All relevant personnel consulted during the development of the SWMS.	<input checked="" type="checkbox"/>	
Name, signature, position and date signed of the person approving the SWMS.	<input type="checkbox"/>	
Specific personnel and qualifications, experience is noted in the SWMS.	<input type="checkbox"/>	
Provides a step-by-step process of tasks required to carry out the activity or task.	<input checked="" type="checkbox"/>	
Adequate risk assessment of any identified hazards has been completed.	<input checked="" type="checkbox"/>	
Foreseeable hazards are identified and documented for each step.	<input checked="" type="checkbox"/>	
Any hazards listed in any site risk assessments have been added to the SWMS.	<input checked="" type="checkbox"/>	
SWMS initial risk (IR) column as well as residual risk (RR) column completed.	<input checked="" type="checkbox"/>	
Check control measures added to the SWMS are the most effective selected.	<input checked="" type="checkbox"/>	
Responsible person is assigned and listed on the SWMS for the implementation of control measures.	<input checked="" type="checkbox"/>	
Permit or licenses requirements specified, such as Hot Work, Electrical Work, Work at Heights etc.	<input checked="" type="checkbox"/>	
SWMS identifies plant and equipment to be used.	<input checked="" type="checkbox"/>	
Details of inspection checks required for any equipment listed are noted on the SWMS.	<input checked="" type="checkbox"/>	
Describes any mandatory qualifications, experience, training or skills required to perform the work.	<input checked="" type="checkbox"/>	
Applicable personal protective equipment is selected on the SWMS.	<input checked="" type="checkbox"/>	
Reflects and documents any legislative references and/or Australian Standards.	<input checked="" type="checkbox"/>	
Identifies any hazardous substances used with specific control measures in line with any SDS.	<input checked="" type="checkbox"/>	
<b>REVIEWED BY</b>		<b>DATE REVIEWED</b>
<b>SIGNATURE</b>		<b>DATE COMPLETED</b>