

Welding SAF	E WORK METHOD STATE	MENT (SWMS)	
	TASK OR ACTIVITY: Welding		
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E fil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PLOOF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or undertaking (r 3U) is	required to ture at 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 a	compliance of the SWMS well as review	s 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 CO. MUNICATED TO IN THE DEVELO	LL RELEVANT PERSONNEL WHO HAVE B PMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND
Safety meetings or toolbox talks will be sched and in accordance with agislative requirements to first identify any site hazards, conditions unical those hazards and then to further take steps to either the conditions are or conditions.	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must structurately. 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:				Provide a detailed description	n of the specific work being	carried out (otherwise				
Project Address:				known as cope of works).						
Project Manager:										
Contact Phone:										
Project Manager Sig	gnature:									
Date SWMS supplie	ed to Project Manager:									
		ANY HIGH	N' JRK BEING	CARRIED OUT						
☐ involves a risk of a p	erson falling more than 2 n	neters.		is carried out on	or near pressurised gas mains	s or piping.				
is carried out on a te	lecommunication tower.		M + M	is carried out on or near chemical, fuel or refrigerant lines.						
☐ involves demolition of	of an element of a structure	that is load-be		is carried out on	or near energised electrical ins	stallations or services.				
☐ involves demolition of	of an element related to the	e physical integril of a str	3	is carried out in	an area that may have a conta	minated or flammable atmo	sphere.			
☐ involves, or is likely t	o involve, disturbing a es	stos.		☐ involves tilt-up o	r precast concrete.					
☐ involves structural al	teration or repair that re	mporal, upp to p	prevent collapse.	is carried out on	, in or adjacent to a road, railwa	ay, shipping lane or other tr	affic corridor.			
is carried out in or ne	ear a confined space.			is carried out in	an area of a workplace where t	there is any movement of po	owered mobile plant.			
☐ is carried out in/near	a shaft or trench deeper th	nan 1.5m or tunnel involvir	ng use of explosives.	is carried out in	areas with artificial extremes of	f temperature.				
is carried out in or ne	ear water or other liquid tha	at involves a risk of drowning	ng.	involves diving v	vork.					
		ANY H	IGH-RISK MACHINER	RY OR EQUIPMEN	NT NEARBY					
☐ Forklift	☐ Crane/s	☐ Hoist/s	☐ Excavator	☐ Backhoe/Loader	Boom Lift	□ EWP	☐ Genie Lift			
☐ Trencher	☐ Drilling Rig	Trucks	Formwork	☐ Bobcat	☐ Flammable Gas	☐ Fuel	☐ Dozer			
☐ High Voltage	☐ Mulcher	☐ Tilt-up Panels	Roller	☐ Scissor Lift	☐ Tractor	☐ Other -				





FOOT HAND **HEAD HEARING** SPIRATORY FACE HIGH-VIS **PROTECTIVE** FALL SUN HAIR/JEWELLERY CLOTHING **PROTECTION PROTECTION** PROTECTION **PROTECTION** PROTE DTECTION **PROTECTION** CLOTHING **PROTECTION PROTECTION SECURED**

Select me appropriate PPE above suitable for the equipment used or the job task being performed (if applicable).

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

When a SWMS has been revised, the person conducting a business or undertaking must ensure all:

- 1. persons involved in the work are advised that a revision has been made and how they can access the revised SWMS;
- 2. 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: and.
- 3. workers that will be involved in the work are provided with the relevant information and instruction that will assist them to understand and implement the revised SWMS.



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
			Clear and designate a specific area for welding activities to keep the workspace organised and prevent any trip hazards from occurring.		
			- Conduct regular inspections of the worksite to sure all potential hazards are identified, reported, and managed promptly		
			- Mark all exposed electrical cables in the wearing are with visible warning signs and make sure workers are aware of their pres		
			- Ensure that all cords and cores used in the web approcessore secured and routed in a way that minimises are risk of tripping on terfology with other tasks.		
			- Provide adequate within a workspace so that potential hazards can be quickly spotter and address d.		
			- Organise the orkspace minimise of or obstructions that may pose potential trip hands or needed exers' ability to safely conduct their tasks.		
			- Ador by practice for storing and handling welding equipment and materials, such a color of cable and hoses to avoid tangles and maintaining an orderly storage viste		
1. Preparation	Trip hazards, Exposed electrical cables	2M	resulting result	1L	
			aplement a buddy system, where workers check each other's workspaces for hands before starting their tasks in order to increase awareness and maintain a safe working environment.		
			- Develop and enforce clear procedures for addressing hazards when they arise, such as reporting them to supervisors and immediately fixing or isolating issues.		
			- Make use of cable protectors or covers to safeguard exposed wiring and reduce the risk of accidental trips, falls or electric shocks.		
			- Encourage open communication among workers and supervisors about potential risks, allowing everyone to stay well-informed and actively participate in creating a safer working environment.		
			- Provide Personal Protective Equipment (PPE) suitable for welding tasks, such as toe-capped boots for tripping protection and insulated gloves for handling electrical cables.		
			- Periodically review the implemented control measures to ensure their effectiveness and adjust them as needed to maintain a safe workspace for all welding activities.		
2. Welding equipment setup	Incorrect or damaged equipment, Inadequate workspace	3H	- Conduct pre-use inspections: Regularly inspect welding equipment to ensure it is in proper working condition and free of defects. Replace or repair any damaged parts before beginning work.	1L	



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			- Implement regular equipment maintenance: Schedule routine maintenance checks for all welding equipment, in compliance with manufacturer guidelines, to increase the longevity of tools, reduce breakdowns and avoid expected hazards.		
			- Enforce proper training: Ensure that personne and operate welding equipment have undergone professional training and demonstrated competency in handling devices safely and efficiently.		
			- Provide adequate workspace: Ensure that the sample space allocated around the welding station for safe provement and accessility for personnel, including enough distance from other as vities and stored in sprials		
			- Designate designate and liding thes: Clearly mark that where welding activities are taking place thing high visit signs, floor markings, or barricades. Restrict access to or halined staff the equipment set and operation.		
			- Ensure proper entilation Make sure mation systems are in place to control fume tooke, and created by the welding process. Proper airflow helps to limit exposite potent wharmful substances and promotes a healthier workspace.		
			- Establish ergeno rotocols: Prepare for potential accidents by developing detailed men not reconstructed in the plans.		
	1		- Imp. me lockout/tagout procedures: Adhere to established lockout/tagout rocedures when setting up, maintaining, or troubleshooting welding equipment to stect workers from accidental equipment start-ups or energy releases.		
			- Use correct personal protective equipment (PPE): Provide appropriate PPE, such as safety glasses, heat-resistant gloves, and welding helmets, for all personnel involved in welding equipment setup or welding tasks.		
	5		- Store non-essential tools and materials away from the workspace: Clean and declutter the welding area to minimise the risk of trip and fall hazards, electrical hazards, or other incidents due to cluttered surroundings.		
			- Regular inspections: Implement thorough and periodic checks of all Personal Protective Equipment (PPE) to ensure they are in proper working condition, free from any damage or defects.		
	Inappropriate or damaged PPE,		- Correct PPE selection: Ensure that appropriate PPE is being used for the specific welding task, including eye protection, gloves, non-flammable clothing, and respiratory protection when needed.		
3. PPE verification	3. PPE verification Untrained personnel	2M	- Fit testing: Conduct fit tests for items like safety glasses, goggles, and helmets to verify proper sizing and a secure fit, minimising the risk of injury.	1L	
			- Training and education: Provide comprehensive training sessions on the proper use, maintenance, and storage of each piece of PPE to all personnel involved in welding tasks.		
			- Visible workplace signage: Place clear and easily readable signs indicating the areas where PPE must be worn at all times.		



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			 Supervision: Closely monitor welding activities and ensure that workers are wearing the required PPE throughout their tasks. 		
			- Access to replacement PPE: Maintain a stockpile spare PPE on-site so that any damaged equipment can be efficiently replace an eeded.		
			- Job Safety Analysis (JSA): Carry out a JS mefore communicing any welding activities to identify potential hazards and establish a private control measures, including the verification of proper PPE usage.		
			- Incident reporting system: I hablish a robust process for regarding accidents or near-misses relating to the importance of PPE, and incomplete intervention and enforcement of negotiators.		
			- Conduct regression collocates: Engage in open accussions with welding personnel about the imperators of welling appropriate E, sharing lessons learned from past incidents, and a moting affety-mind calture within the workplace.		
			- Integrated the safety regulations, ensuring that PPE verification procedures are adured and a dressing any identified shortcomings immediately.		
4. Pre-welding inspection	Sharp edges, Poor ventilation	ЗН		1L	



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5. Tacking	Flying debris, Eye injury	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	NAME OF PERSON
6. Position welding	Unsecured workpiece, Strain injuries	2M		1L	



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7. Welding process	Fumes, UV radiation, Fire hazards	4A		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	NAME OF PERSON
8. Cleaning welds	Chemical hazards, Noise	3H		1L	



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9. Grinding	Flying debris, Harranjury	ЗН		2M	



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10. Inspection	Deficient welds, Burns	2M		1L	



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11. Post-welding operation	Remaining hazards, Unsafe clean-up practices	2M		1L	



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12. Equipment dismantle	Improper disassembly, Electrical	2M		1L	
dismantle	hazards	ZM		1L	



		IR	CONTROL MEASURES	RR	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



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

 $\textbf{Legislation QLD:} \ \underline{\textbf{https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws}$

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/legislatide

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

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 201

Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/wo_place-

Codes of Practice NT: https://worksafe.nt.gov.au/5

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

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 all Safety Act 34

Occupational Health and Infety gulations 2017

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

<u>qulat.</u>

des on actice VI autros://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.

Tollow any sale work instructions which are provided, and agrees to use an reisonal riotective Equipment where appropriate.							
Worker Name	Pos	sition	Signature	Date	Time	Sup	pervisor
				Date:			
				_			
				Date			
			l te:				
			AV	Date:			
				Date:			
				Date:			
Date:							
		SAF WO A S	THUD STATEMENT	MONITORING AND	REVIEW		
The SWMS must be review revised if necessary) if relevations consultation with workers (in of the SWMS and their healt workplace. When the SWMS has been an advised that a revision has been who will need to change a way that will enable them the will be involved in the work in the survey.	ant control measu cluding contractors and subth and safety representatives revised the PCBU must ensive made and how they call ork procedure or system as to implement their duties contract be provided with the reliable contract.	contract s) who may be aff s who re esented that work are that all persons involved in access the revised SWMS a result of the review are accessistently with the revised SN	hould be carried out in ected by the operation group at the with the work are including all persons this do the changes in MMS. All workers that	effective in reducing the person responsible for remploy a multi-faceted and the second secon	with workers, contractors as on a continual basis. ous improvement, promptly te corrective action and continuation and conti	he workplace safe for a sof the Safe Work Met ut is not limited to: and sub-contractors. recording inconsistent insultation with all relevant	all personnel. The hod Statement should statement should size or deficiencies, ant personnel ensures
them to understand and imp					tently developing ever-imp	3 ,	· '
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 P	
Name, signature, position and date signed of the person approving the SWMS.			
Specific personnel and qualifications, experience is noted in the SWMS.	P		
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 SWh			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effecting so tions.			
Responsible person is assigned and listed on the SWMS for the imperent of continue assures.			
Permit requirements specified, such as Hot Work, Veralt Heights etc.			
SWMS identifies plant and equipment to be u d.			
Details of inspection checks required for any equipment listed are noted on the SWMS.			
Describes any mandatory qualifications, experience raining 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.			
dentifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE R	EVIEWED	
SIGNATURE	DATE CO	MPLETED	