

Spot Welder S	AFE WORK METHOD STAT	FEMENT (SWMS)	
	TASK OR ACTIVITY: Spot Welde	r	
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E. pil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PL OF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conductive proposed work starts.	cting a business or undertaking (IUBU) is	required to thurshout a safe work method s	statement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Business Name: [Company Name] ABN: [ABN] SWMS# Business Address: [Company Address] Exail: State of the second of th			
Full Name:		Title:	Phone:
	N. 1E AND DATED SIGNATURE OF A	ALL RELEVANT PERSONNEL WHO HAVE B OPMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND
requirements to first identify any site hazards, conduction inical those	NAME	SIGNATURE	DATE
on the severity of the incident, a meeting will be called with all workers to amend			
approved by the Person Conducting Business or Undertaking and			
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 HIGH-RISK CON PUCT N FORK BEING CARRIED 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	Electrical shock, Tripping over cables	3Н	 Conduct a thorough inspection of the spot welder and power supply to ensure cables, connections, and equipment are in good working order before commencing the operation. Ensure that electrical outlets and connections meet Austrelian Standards and guidelines, including having proper groundin vinsulation and protection from water or other hazards. Verify that all operators have undergone appropriate training on the safe handling of the spot welder and its equipment. Provide personal provide equipment (PPE) for work is and insist on their usage, including insulate groves of ety ones, and appropriate eyewear. Maintain altion-to-date reliance of enome maintenance, repairs, and testing to track compliant with elevical safety or usards. Esta to design to work zones where only authorised personnel can access, and place van g sign termarcating these areas. Keep IP wholeace transed by unnecessary clutter, using cable protectors or able trasts to predim theyping hazards. For area in eneugency response plan, including training workers on first aid and process of for reporting incidents involving spot welding. Set up adequate ventilation systems to disperse the fumes generated during spot welding processes while ensuring the work area is well lit. Implement a Lockout/Tagout system to isolate energy sources when conducting maintenance or changing components of the spot welder, thus preventing accidental activation. Encourage open communication and reporting of potential risks or unsafe conditions within the workspace, so appropriate corrective action can be taken in a timely manner. 	2M	
2. Inspection	Exposure to bright light, Crushing injuries	2M	 Regular equipment inspections: Conduct routine checks on the spot welding machine to ensure it is in proper working condition and that there are no damages or defects that could contribute to safety hazards. Adequate PPE: Workers should wear appropriate personal protective equipment (PPE), such as welding helmets with auto-darkening lenses, safety glasses, gloves, and long-sleeved shirts, to protect themselves from exposure to bright light and potential burns. Training and certification: Ensure all workers operating the spot welder have received adequate training and hold valid certifications for working with these machines. 	1L	



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			 Proper work area lighting: Make sure the workspace is well-lit to avoid glare and reduce eye strain resulting from exposure to bright light. 		
			- Equipment safeguards: Ensure that the spot weld mas appropriate safety features such as finger guards, safety locks, and pressure switches to mitigate crushing injuries.		
			- Emergency stop button: Ensure that an accessible congency stop button is installed on the spot welding machine to allow a mediate shut down in case of a hazardous situation.		
			- Safe work procedures: Develop and implement clop get ranes on how to safely operate and maintain poor working machine to movie hazards associated with exposure to brid get an erush injuries.		
			- Encourage mmunicatio Promote per stogue among workers so they can quickly report a runsafe subations or a staff hazards to supervisors.		
			- Hou a reping a conganisation: Keep the work environment tidy and clutter-free to minime a chazar and maintain a safe workspace.		
			- Works ace yout: Durign an efficient work area layout that ensures ample space around the sport velder for operators to move and perform tasks safely.		
			- We bing lignage. Post appropriate warning signs or labels near the spot welder to remine the spot welder to remine the spot he potential hazards associated with its use.		
		>	irst aid provisions: Maintain a fully stocked and readily accessible first aid kit at the torkplace to address potential injuries resulting from exposure to bright light and crushing injuries.		
			 Regular safety audits: Conduct periodic safety audits and inspections to identify potential hazards, evaluate the effectiveness of existing control measures, and implement additional safety precautions as necessary. 		
			- Turn off and unplug the spot welder before performing any maintenance tasks, ensuring that it is completely disconnected from the power source to avoid electric shock.		
			- Schedule regular maintenance activities for the spot welder to ensure optimal performance and catch any potential hazards in a timely manner.		
3. Maintenance	Electric shock, Welding fumes inhalation	ЗH	 Train workers on the correct procedures for maintaining the spot welder, emphasising the importance of adhering to safety guidelines and wearing appropriate personal protective equipment (PPE). 	2M	
			- Use insulated tools and wear rubber gloves when working on electrical components to prevent accidental contact with live wires or other energised parts.		
			- Ensure proper ventilation in the workspace by providing a well-vented area or using an extraction system to reduce the risk of inhaling welding fumes during maintenance tasks.		



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			- Only allow authorised and qualified personnel to perform maintenance and repair work on the spot welder. This can help minimise the chance for human errors and prevent accidents.		
			- Regularly inspect cables, cords, and connect or or signs of wear or damage and replace them as needed to prevent electric chazards.		
			- Implement a lockout/tagout procedure when erforming maintenance tasks to communicate to all workers that the equipment of dergoing service and should not be started until work is complete.		
			- Consult the manufacturer's neural for specific management of instructions and follow these guidelines dilicent taking ote of any warning avoid possible hazards.		
			- Conduct regressing entry of the pot welders centilation system to ensure it remains effective in removing welding times and preventing their inhalation by workers		
			- Enclose e a we cause culture that values health and safety by discussing hazards openly relating neuronic miss incidents, and providing ongoing safety training to all employ estimates of the operation and maintenance of the spot welder.		
4. Welding Setup	Burns from hot equipment, cours objects	2M		1L	



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5. Material Handling	Musculoskeletal injuries, Pinch points	ЗН		2M	

Version 2.5



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6. Positioning Job	Poor ergonomics, Prolonged vibration exposure	2М		1L	



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7. Spot Welding	Intense UV radiation, Iniciais frequerying debris	ЗН		2М	



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8. Grinding/Smoothing Weld	Dust inhalation, Noise exposure	2М		1L	

Version 2.5

Date of Issue:



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9. Workpiece Transfer	Slips and trips, Lifting collisions	ЗН		2М	

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10. Quality Check	Exposure to light glare, Falls from hught	2M		1L	



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11. Disposal of Waste	Cuts from sharp ences, Cherna exposure	ЗН		2M	



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12. Equipment Shutdown	Fire hazard, Gas leakage	2М		1L	



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	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.

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	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: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws</u> Codes of Practice QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</u> Legislation ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Occupational Health also Safety Actor 24 Occupational Health and Safety Actor 24 Degis from VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gular</u> Codes of mactice VIC <u>enttps://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: <u>https://www.safework.nsw.gov.au/legal-obligations/legislati</u> Codes of Practice NSW: <u>https://www.safework.nsw.gov.au/resource-library/lis</u>	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/worplace-serve-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/fecture-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- codes-of-practice</u>				
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	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	 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 				
Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council - Authorisation to commence 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 				

- 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 acception of the process should be carried out in s any subcontract s) who may be affected by the operation esentatives who recented 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 impement of continue measures.			
Permit requirements specified, such as Hot Wren Electrical Work, Versat Heights etc.			
SWMS identifies plant and equipment to be up.			
Details of inspection checks required for any equipment listed ar noted 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 COMPLETED		