

Asphalt Bitumen Patch	ning SAFE WORK METHO	D STATEMENT (SWMS)	
TASK	OR ACTIVITY: Asphalt Bitumen P	atching	
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E 111:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE POST THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or undertaking (N 3U) is	required to ture at a safe work method s	statement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	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 ed in accordance with egislative requirements to first identify any site hazards, conditions unical those hazards and then to further take steps to either the conditions of the cond	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	RISK CON PUCT	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.			
ANY HIGH-RISK CON Involves a risk of a person falling more than 2 meters. Is carried out on a telecommunication tower. Involves demolition of an element of a structure that is load-be in.			M + M	is carried out on	or near chemical, fuel or refrig	erant lines.			
☐ involves a risk of a person falling more than 2 meters. ☐ is carried out on a telecommunication tower.			is carried out on	or near energised electrical ins	stallations or services.				
is carried out on a telecommunication tower. ☐ involves demolition of an element of a structure that is load-be in.				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.			
Project Manager Signature: Date SWMS supplied to Project Manager: ANY HIGH-RISK CON PUC) NO SRK BEING CARRIED 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. is carried out on or near chemical, fuel or refrigerant lines. involves demolition of an element of a structure that is load-be n. is carried out on or near energised electrical installations or services.									
		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
1. Preparation	Exposure to hazardous materials, Slips and trips	2M	 Proper training and education on handling hazardous materials, including bitumen and other chemicals used in the patching process. Establishing clear work zones for the asphalt training process. Regular inspection and maintenance of too and earnment to ensure their safe operation and prevent unexpected failures. Providing appropriate personal protective equipment (PPE) can as gloves, safety goggles, hard hats, and high vehility vests for all we er Implementing process, as a part disposal methods or all hazardous materials, ensuring thever exept award rom to sion source and unauthorised personnel. Enforcing a cost no small golicy to be ork area to minimise the risk of fire or explores from source and exercise the risk of fire or explores from source and the worksite to prevent unauthorised access and insure as strained personnel enter the area. Ensure a trained personnel enter the area. Ensure that have worn grace as well organised and free from debris, loose tools, funned ssary enterials that may cause slips and trips. Procific non-slip and comfortable footwear for workers, helping to prevent coidents sips and falls on bitumen or uneven surfaces. Inarly marking wet or slippery areas with hazard cones, signs, or caution tape to alex workers to potential risks. Conducting regular hazard assessments and updating risk control measures when new hazards are identified during the patching process. Implementing a strict housekeeping policy including regular cleaning and tidying of the workspace to prevent buildup of hazardous substances and minimise trip hazards. Encouraging open communication between workers and supervisors to report any unsafe conditions or near-miss incidents for rapid remediation. Utilising a buddy system or team approach for tasks involving hazardous materials or difficult terrain, providing additional support and vigilance against potential hazards. 	1L	
2. Traffic Control Setup	Vehicle strikes, Fatigue	3H	 Proper Planning: Before beginning the Asphalt Bitumen Patching work, ensure a detailed traffic management plan is in place to minimise the risks associated with vehicle strikes and workers' fatigue. Clear Signage: Place visible and clear signs in and around the worksite to inform motorists and pedestrians about the ongoing construction work and any possible diversions or changes in the traffic flow. 	2M	



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			- Trained Traffic Controllers: Employ trained traffic controllers wearing high-visibility clothing to control traffic flow and direct vehicles safely around the workspace.		
			- Barricades/Barriers: Set up barricades or barriers create a physical separation between working zones and traffic flow to previously vehicle intrusions onto the worksite.		
			- Regular Communication: Ensure proper con unical probetween team members using two-way radios or mobile devices, emportant them to promptly report any hazards or changing conditions regarding traffic atrol.		
			- Vehicle Maintenance: Regula check and mainta all check used on-site, including inspection thes, lines, and tires to reducine risk of accidents due to mechanical failure.		
			- Adequate by ting: Ensurenere is proposed lighting, especially during night shifts or areas with low virtuality, to enhance workers' safety and reduce the chances of very strikes.		
			- Spee Lasts: Impage and monitor appropriate speed limits for both construction vehicle and gular offic near the worksite to minimise the risk of collisions.		
			Work F tation and Breaks: Implement work rotation schedules and sufficient was to ombat orker fatigue, ensuring that those responsible for traffic control remains all t and focused at all times.		
			Fmergery Response Plan: Develop and communicate an emergency response to handle any incidents related to vehicle strikes or other traffic hazards, entaring that workers promptly react and manage emergencies in a controlled and efficient manner.		
			- Before commencing work, conduct a thorough visual inspection of all electrical equipment and cords to ensure there are no frayed wires or damaged insulation.		
			- Follow proper lockout/tagout procedures in case an equipment malfunction is detected to prevent inadvertent energising when working on the equipment.		
			- Use Ground-Fault Circuit Interrupters (GFCIs) with electrical power outlets as added protection against accidental electrocutions.		
3. Equipment Inspection	Electrocution, Falls from height	3H	- Keep water, dirt, and other contaminants away from live electrical parts to reduce the risk of equipment failure and electrocution.	1L	
			- Ensure that all workers using ladders or other height-access equipment have completed appropriate training in working at heights.		
			- Require employees to wear Personal Protective Equipment (PPE) including insulated gloves, safety glasses or goggles, and high visibility clothing when working with electrically powered equipment or at heights.		
			- Implement edge protection measures such as guardrails or barriers around open edges or unprotected sides to prevent falls from height.		



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			- Ensure that all lifting equipment, such as ladders or scaffolding, has been regularly inspected and is in good working condition.		
			- Establish a secure working platform or mobile elamed work platforms (MEWPs) with fall prevention or arrest system for safe against to elevated work locations.		
			- Exercise the 3-point contact method when counting an dismounting ladders or other height-access equipment to maintain solility and void falls.		
			- Designate a competent person to carry out regard equipment paintenance and periodic inspections, ensuring all issues are addressed promotions.		
			- Communicate and enforce say vork practices amount ployees, including responsible use an end of to cables, and other equipment to minimise hazards.		
			- Perform a hard assessment before any gwork to identify any new risks that may the arise incertiast worksite valuation and update control measures account at		
			- Hold gu safety refings and toolbox talks to reinforce the importance of adhering to precribed refety measures for all workers involved in asphalt bitumen matching		
4. Cleaning Work Area	Eye injuries, Cuts and abrasions	2M		1L	



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5. Removal of Existing	Manual handling injuries, Noise				
Asphalt	exposure	3H		2M	



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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	IN INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK	PERSON NAME OF PERSON
	5				
6. Heating Bitumen	Burns, Fire hazards	3Н		2M	



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7. Pre-placement Preparation	Hot bitumen spills, Exposure to volatile fumes	4A		2M	



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8. Application of Tack Coat	Slips on tack coat, Chemical exposure			1L	



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9. Laying Asphalt Back strain, Pinch bints	ЗН		1L		



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		1			
10. Compaction	Rollover accidents, Vibration exposure	ЗН		2M	



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11. Finishing and Quality Check	Trips over loose many posure sunlight	2M		1L	



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12. Cleanup and Demobilization	Disposal of waste handling injuries	2M		1L	



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	•				
	5				



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/legislati

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

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 al. Safety Act 34

Occupational Health and afety gulations 2017

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

<u>qulat.</u>

des on actice VIC attps://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 ally sale work instructions which are provided, and agrees to use all 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 reviewed regularly to the ke sure it remains effective and must be reviewed (and revised if necessary) if relevant control measurements are subcontracted by process should be carried out in consultation with workers (including contractors are subcontracted)) who may be affected by the operation of the SWMS and their health and safety representatives who researched 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				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				
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	