

Meter Mixer Urethan	e   SAFE WORK METHOD S	STATEMENT (SWMS)	
TASI	K OR ACTIVITY: Meter Mixer Ure	thane	
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 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	tatement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring a	ompliance 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 BI 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 conditions are or conditions.	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must standardly. 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 of the specific work being carried out (otherwise							
Project Address:					known as cope of works).							
Project Manager:												
Contact Phone:												
Project Manager Sig	nature:											
Date SWMS supplie	d to Project Manager:											
		ANY HIGH-	RISK CON PUCT	N' JRK BEING	CARRIED OUT							
☐ involves a risk of a pe	erson falling more than 2 m	neters.		is carried out on or near pressurised gas mains or piping.								
is carried out on a tel	ecommunication tower.		M + M	is carried out on	or near chemical, fuel or refrig	erant lines.						
☐ involves demolition o	f an element of a structure	that is load-be n.		☐ is carried out on or near energised electrical installations or services.								
☐ involves demolition o	f an element related to the	physical integrit of a str	3.	☐ is carried out in an area that may have a contaminated or flammable atmosphere.								
☐ involves, or is likely to	o involve, disturbing a	tos.		☐ involves tilt-up or precast concrete.								
involves structural alt	eration or repair that re	upp to p	prevent collapse.	is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor.								
is carried out in or ne	ar 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/near	a shaft or trench deeper th	nan 1.5m or tunnel involvin	g use of explosives.	is carried out in a	areas with artificial extremes of	temperature.						
is carried out in or ne	ar water or other liquid tha	t involves a risk of drowning	ng.	☐ involves diving w	vork.							
		ANY HI	IGH-RISK MACHINER	RY OR EQUIPMEN	IT 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 -						





### PERL NAL TECTIVE EQUIPMENT (PPE)

FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING PPOTECTION	PROTE	SPIRATORY P STECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
			A								

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	Manual handling, Slips and trips	2M	<ul> <li>Conduct a thorough risk assessment before starting any work to identify potential hazards related to manual handling, slips and trips in the workplace.</li> <li>Provide comprehensive training to all employs annovoved in the meter mixing urethane process to educate them on correcting techniques, proper equipment usage, and safety precautions for avoiding the ards related to manual handling, slips and trips.</li> <li>Implement ergonomic principles at the workplan by providing the propriate lifting devices, trolleys, or hoists to aluce the need for in hual but using and minimise strain injuries.</li> <li>Maintain clean has an uderlings of the workplane by proper housekeeping practices, increasing regular beaning and de-cleaning, to minimise the risk of slips and trips due to debris, spilor or uneversiones.</li> <li>Enisting devices, and a promptly addressed.</li> <li>Install on the floor materials or use floor mats with grip in areas where slips are likely to occur special pear the meter mixer urethane machinery.</li> <li>Court te work is to wear slip-resistant and comfortable footwear suitable for the special wear in special pear the meter mixer urethane machinery.</li> <li>Court te work is to wear slip-resistant and comfortable footwear suitable for the special wear in special pear the meter mixer urethane machinery.</li> <li>Court te work is to wear slip-resistant and comfortable footwear suitable for the special wear slip process to ensure they are safe, in good working condition and meeting workplace standards.</li> <li>Clearly mark any trip hazards, such as cords, hoses, or changes in floor level/elevation, with warning signs or barriers to draw attention and promote caution around these areas.</li> <li>Develop and implement emergency procedures for incidents relating to manual handling and slips and trips, including providing first aid treatment, incident reporting, and detailed investigation processes.</li> <li>Encourage open communication amongst team members to report any concerns, hazards, or i</li></ul>	1L	
2. Equipment set-up	Electric shock, Pinch points	3H	<ul> <li>Ensure all electrical equipment is properly maintained and inspected regularly by a qualified electrician, with records of inspections kept up-to-date.</li> <li>Use only equipment that adheres to current Australian Standards and has been approved for use in the workplace.</li> </ul>	2M	



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			- Provide training for workers on the proper usage, set-up, and maintenance procedures for the meter mixer urethane equipment, emphasising reporting methods for defective equipment.		
			- Establish designated safe zones around pinot counts and other hazardous areas, marked with clearly visible signage and backs as needed to minimise worker exposure.		
			- Implement lockout/tagout procedures for equal undergoing maintenance or repair to prevent accidental energising and expose to hazard		
			- Encourage the use of proper propagation sonal protective a lipit of (PPE) such as gloves, safety goggles, and protective duce the risk of any from electric shocks and pinch points during equipment set		
			- Develop steeply-step writen instructions of guidelines detailing the correct method of settly up equite ent, include the cocedures to follow in the event of an emely or experience malfunction.		
			- Request to long clothing, hair, or jewellery is worn when working with the meter in xern ethans, building, reducing the likelihood of getting caught in pinch points.		
			are purer comproperly and away from wet surfaces to avoid potential tripping haze that it mitigate the risk of electric shock. Encourage workers to cover cords with rub mats if they must be run across walking pathways.		
			- pmote clear communication amongst team members throughout equipment set. p, ensuring questions or concerns are addressed promptly and that everyone knows their individual responsibilities.		
			- Review incident reports involving similar equipment and use them to inform and update control measures, effectively reducing the likelihood of accidents occurring in the future.		
			- Proper training: Ensure that all workers involved in the urethane mixing process are adequately trained and familiar with the safe handling of reactive chemicals.		
			- Personal protective equipment (PPE): Provide appropriate PPE such as chemical-resistant gloves, eye protection, and long-sleeve shirts to minimise skin contact with urethane components.		
Mixing urethane components	Reactive chemicals, Skin contact	2M	- Ventilation: Ensure that the mixing area is well-ventilated to minimise the buildup of toxic fumes from the reaction between urethane components.	1L	
			- Spill containment: Utilise spill containment trays or barriers around the mixing area to minimise the spread of spills and prevent offsite contamination.		
			- Material Safety Data Sheet (MSDS): Keep a copy of the MSDS easily accessible at the mixing area for reference in case of emergencies or questions about the specific urethane components being mixed.		



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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  - Precautionary labeling: Clearly label all containers with the appropriate hazard	RESIDUAL RISK	NAME OF PERSON
			warnings, chemical contents, and handling instructions to prevent accidental misuse or exposure.		
			- Emergency eyewash station: Install an emerge by eyewash station near the mixing area, ensuring it is well maintained and earth accessible in case of accidental eye exposure to urethane components.		
			- Chemical-resistant apron: Workers should we memical-resistant apron during the mixing process to further minimise skin containing with reactive memicals.		
			- First aid kit: Maintain a fully seed first aid kit new the mixing area to treat minor injuries, such mican rns or irritation, the way result from accidental exposure.		
			- Safe storage Store ureth the compounts and designated and secure chemical storage area, a twing proper storage storage and segregation requirements to avoid a second proper or reaction between incompatible substances.		
			- Hygi exactices accourage workers to wash their hands thoroughly after handling ure ane compents and before eating, drinking, or smoking to reduce potential nger on of handous chemicals.		
			contests spilled materials, and mixing tools to prevent environmental ontaris. In and personal exposure.		
			- mmunication: Regularly remind workers of the hazards associated with urethane mixing and emphasise the importance of following safety protocols through safety priefings, signage, and ongoing training.		
4. Loading meter mixer	Ergonomic strain, Spillage	2M		1L	



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5. Dispensing urethane	Splashes, Skin contact	ЗН		1L	



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6. Urethane curing	Exposure to fumes, Fire hazard	2M		1L	



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7. Periodic inspections	Slips and trips, Machine malfunction	3H		2M	



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8. Maintenance activities	Equipment failure, Electrical hazards	ЗН		1L	



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9. Emergency response procedures	Burns, Exposure to hazardous materials	2M		1L	



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10. Product Quality Control	Physical strains, Exposure chemicals	31		2M	



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11. Waste Material Management	Environmental impact, Hazardous materials exposure			1L	



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12. Clean-up and storage	Contact with chemicas, manual handling	2M		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 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: <a href="https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice">https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</a> Legislation ACT: <a href="https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations">https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations</a>

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 all Safety Act

Occupational Health and afety gulations 2017

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

gulat

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.

Worker Name	Pos	sition	Signature	Date	Time	Supe	ervisor
				Date:			
				Date			
				L te:			
			AV	Date:			
				Date:			
				Date:			
				Date:			
		SAF WC A	STATEMENT	MONITORING AND R	EVIEW		
The SWMS must be reviewer revised if necessary) if releval consultation with workers (inc of the SWMS and their health workplace.  When the SWMS has been readvised that a revision has be who will need to change a wo a way that will enable them to will be involved in the work methem to understand and imples	nt control measu- luding contractors and sub- and safety representatives evised the PCBU must ensi- even made and how they cal rk procedure or system as implement their duties cor ust be provided with the rel	contract s) who may be a s who re esented that wor are that all persons involve a access the revised SWM a result of the revised SWM as isstently with the revised SWM.	should be carried out in ffected by the operation rk group at the  d with the work are S, including all persons advised of the changes in SWMS. All workers that	effective in reducing the person responsible for memploy a multi-faceted a  1. Spot Checks. 2. Consultation v. 3. Internal audits  An approach of continuo followed up by immediate	nitored regularly for the exist of incidents, keeping the onitoring the effectiveness peroach which includes but with workers, contractors at on a continual basis.  The improvement, promptly be corrective action and contently developing ever-improvement.	ne workplace safe for all of the Safe Work Method is not limited to:  and sub-contractors.  recording inconsistencies sultation with all relevan	personnel. The od Statement should statement should so or deficiencies, at personnel ensures
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	