

Laboratory Glasswar	e SAFE WORK METHOD	STATEMENT (SWMS)	
TASH	OR ACTIVITY: Laboratory Glass	sware	
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E 11:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY 1	THE PL OF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	eting a business or undertaking (N 3U) is	required to ture at a safe work method st	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 VMS. ST HAVE THE FOLLOWING COMMUNICATED	N. 1E AND DATED SIGNATURE OF A COMUNICATED TO IN THE DEVELO	LL RELEVANT PERSONNEL WHO HAVE BE 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 those hazards and then to further take steps to either the conditions of the conditions are provided in accordance with egislative requirements and then to further take steps to either the conditions are provided in accordance with egislative requirements to first identify any site hazards.	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.			



		CLI	ENT OR PRINCIPAL	CONTRACTOR D	ETAILS			
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	is carried out on a telecommunication tower.			is carried out on	or near pressurised gas mains	s or piping.		
involves a risk of a person falling more than 2 meters.is carried out on a telecommunication tower.				is carried out on or near chemical, fuel or refrigerant 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	r 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, railwa	ay, shipping lane or other to	raffic corridor.	
is carried out in or ne	ar a confined space.			is carried out in a	an area of a workplace where t	here is any movement of p	owered 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	Chemical exposure, Slip and trip hazards	2M	 Proper Storage: Ensure all chemicals and laboratory glassware are stored in designated, properly labelled cabinets or shelves to conimise the risk of chemical exposure or breakage. Housekeeping: Regularly maintain clean, and clutter-free workspaces, aisles, and walkways to prevent tripping and slipping his ords. Appropriate PPE: Require staff to use appropriate personal protective equipment (PPE) such as lab coats, glows, and safety glass s/goggles with working with chemicals and glassware. Training: Provide a consess we comprehensive tracking in handling, storing, and disposing of chemicals, as well as the use and maintenance of laboratory glassware. Inventory is agement: Figularly in antain or updated inventory of chemicals and glassware, incoming labering and MSD or seets. Spill or bonse or Develop and communicate a spill response plan for dealing with common spills or cluding proper containment and disposal procedures. Ergon microsulpmen Utilise ergonomic equipment such as adjustable chairs, anti-fatig a man and proper lighting to ensure safe and comfortable working solition. Inspectors: Regularly inspect laboratory glassware for cracks, chips, and other image borore use and dispose of any damaged items immediately. User Signage: Post clear, visible signs indicating potential hazard areas, such as wet floors or areas where chemicals are used/stored. Emergency Preparedness: Ensure employees are trained in emergency procedures, have access to emergency contacts, and know the location of safety equipment such as eye wash stations, fire extinguishers, and first aid kits. 	1L	
2. Inspection	Glass breakage, Eye injury	3Н	 Proper handling: Ensure all staff and technicians are trained in the safe handling of glassware to avoid breakage and potential hazards. Personal protective equipment (PPE): Require employees to wear safety glasses or goggles, gloves, long sleeved lab coats, and closed-toe shoes during the inspection process. Regular inspections: Schedule routine assessments of laboratory glassware to identify any chips, cracks or other imperfections that could lead to breakage or accidents. Quality control: Implement a quality control system that rejects any compromised or sub-standard glassware immediately upon identification. Storage and organisation: Establish designated storage areas for glassware, ensuring items are properly organised, supported, and labelled to minimise the risk of damage during inspection. 	1L	



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			 Use of proper tools: Equip staff with appropriate tools like rubber grips, tongs, or forceps to handle delicate or hot glassware during inspection without risking injury. 		
			- Safety training: Provide regular health and safety mining specifically tailored to the hazards posed by handling and inspecting laborary glassware.		
			- Emergency response plan: Develop and so re an emergency response plan outlining the steps to be taken in case of a go ware stated accident or injury.		
			- Waste disposal: Maintain separate containers proken or damaged glassware and educate employees on their proper use to proper u		
			- First aid provision and a we stocked first aid kins readily available and includes suitable equipment or deal of with glad celated injuries, such as eye wash stations and receptor.		
		- Replaced and conitor of Encourage unployees to report any incidents or near misser a plying that glassware so potential risks can be evaluated and further prevention measure implemented.			
			- Signal an waren : Install clear signage around the laboratory warning of the isks as ciate with handling glassware and reminding employees to follow safe product during inspection.		
			Control is improvement: Regularly review and assess the efficacy of implemented introl measures to identify areas for improvement or optimisation in reducing the in a associated with glassware breakage and eye injury during inspection.		
			- Proper training: Ensure that all laboratory staff are adequately trained in handling, cleaning, and storing glassware to minimise the risk of chemical spills or breakages.		
			- Personal protective equipment (PPE): Staff should wear appropriate PPE, including gloves, eye protection, and lab coats when handling and cleaning glassware to avoid direct contact with hazardous chemicals.		
			- Secure transport: Use trays or carriers specifically designed for glassware transport to prevent accidental spills or breakage during movement within the laboratory.		
3. Cleaning	Chemical spills, Cuts from broken glass	3H	- Spill containment: Place a suitable absorbent material, such as a spill mat, beneath glassware during cleaning to collect any spills or leaks and ensure prompt removal and disposal following manufacturer's guidelines.	2M	
			- Inspection and discard: Regularly inspect glassware for any signs of damage, including cracks or chips, and safely discard broken or compromised items according to established protocols.		
			- Cleaning agents: Choose appropriate cleaning agents based on the specific types of chemicals and residues being removed from the glassware, and follow manufacturer recommendations for safe and effective use.		



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			- Gradual temperature changes: Allow glassware to gradually adjust to temperature changes when transitioning from hot to cold environments or vice versa, as rapid fluctuations can cause breakages.		
			- Non-abrasive cleaning tools: Use soft brusher ponges, or other non-abrasive cleaning implements to remove residue with a scratching chipping, or otherwise damaging glassware surfaces.		
			- Proper storage: Store glassware on designal three or racks, ensuring that items are stable, secure, and separate by size a type to preval accidental collisions, tipping, or breakag		
			- Emergency responses tocols is stablish and regular review proper procedures for responding to the emical bills, as ken glass in the tents, or other emergencies to minimise injurious k and fact after all a efficiency ean-up efforts.		
4. Sterilization	Thermal burns, Chemical exposure	ЗН		2M	



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5. Assembly	Inhalation of toxic strains	₽M		1L	



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6. Dispensing chemicals	Contact with hazardous materials, Splash hazard	2M		1L	



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7. Mixing solutions	Splashing, Incompatibility of chemicals	ЗН		2M	



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8. Heating process	Thermal burns, Fire hazard, Pressure build-up	4A		2M	



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9. Cooling process	Thermal shock, Glass breakage	2M		1L	



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10. Filtration	Exposure to microorganisms, Aerosol generation	2M		1L	



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11. Measurement and analysis	Misinterpretation of data, Cross- contamination	2M		1L	



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12. Disposal of waste	Chemical spills, Broken glass	ЗН		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

Legislation QLD: https://www.worksafe.gld.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/f

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/le_lation

Codes of Practice for SA: https://www.safework.sa.gov.au/wor 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

Occupational Health and afety gulations 2017

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

<u>Julai.</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.

Worker Name	Pos	sition	Signature	Date	Time	Sup	pervisor	
				Date:				
				l te:				
				Date:				
				Date:				
				Date:				
	SAF WC STHED 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 measure of the substance of the swms and their health and safety representatives who represented 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	<u> </u>	□ 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.	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 SWI			
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 imperent of contameasures.			
Permit requirements specified, such as Hot Work, Electrical Work, Vorat Heights etc.			
SWMS identifies plant and equipment to be u d.			
Details of inspection checks required for any equipment listed at 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.			
Identifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE R	EVIEWED	
SIGNATURE	DATE CC	MPLETED	