

Laboratory Glassware SAFE WORK METHOD STATEMENT (SWMS)									
TAS	K OR ACTIVITY: Laboratory Glas	sware							
Business Name: [Company Name]		ABN: [ABN]	SWMS#						
Business Address: [Company Address]									
Contact Person:	Phone: [Phone]	E gil:							
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PLOF THE PROJECT							
Under the Work Health and Safety Regulation (WHS Regulation), a person conductive proposed work starts.	icting a business or undertaking (N_BU) is	required to thurs 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 and compliance of the SWMS, well as reviews and modifications of the SWMS.									
Full Name:		Title:	Phone:						
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS WMS. ST HAVE THE FOLLOWING COMMUNICATED	N TE AND DATED SIGNATURE OF A CC. MUNICATED TO IN THE DEVELO	ALL RELEVANT PERSONNEL WHO HAVE B OPMENT 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, conduct on the price those hazards and then to further take steps to either course or conclusion hazard.	NAME	SIGNATURE	DATE						
If an incident or a near miss occurs, all work must study unately. 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 (otherwis							
Project Address:				ŀ	known as cope of works).							
Project Manager	:											
Contact Phone:												
Project Manager	Signature:											
Date SWMS sup	plied to Project Manag	er:										
		ANY HIG	H-RISK CON TUCT		ARRIED 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	Chemical exposure, Slip and trip hazards	2М	 Proper Storage: Ensure all chemicals and laboratory glassware are stored in designated, properly labelled cabinets or shelves to chaimise the risk of chemical exposure or breakage. Housekeeping: Regularly maintain clean an of utter-free workspaces, aisles, and walkways to prevent tripping and slipping haveds. Appropriate PPE: Require staff to use appropriate resonal protective equipment (PPE) such as lab coats, glovis, and safety glass a/goggles with working with chemicals and glassware. Training: Provide entraces we comprehensive throug in handling, storing, and disposing of chemicals, as cell as the use and mointenance of laboratory glassware. Inventory lws agement: Fugularly hontains used and mointenance of laboratory glassware. Spill or ponse and Develop and communicate a spill response plan for dealing with clemical spills including proper containment and disposal procedures. Spill or ponse is a Regularly inspect laboratory glassware for cracks, chips, and other image borore use and dispose of any damaged items immediately. orar 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 uning specifically tailored to the hazards posed by handling and inspecting labor ory glassware.		
			- Emergency response plan: Develop and so re an emergency response plan outlining the steps to be taken in case of a growware pated accident or injury.		
			- Waste disposal: Maintain separate containers or orden or dan aged glassware and educate employees on the proper use to proven that accidence injuries when discarding faulty items.		
			- First aid provision can be a we stocked first aid kins readily available and includes suitable equipment or deal of with glach elated injuries, such as eye wash stations and bezers.		
			- Reprinting and conitering. Encourage imployees to report any incidents or near misse in plving including assware so potential risks can be evaluated and further prevention measure implemented.		
		- Signal and waren a: Install clear signage around the laboratory warning of the risks as: clate with handling glassware and reminding employees to follow safe a redurn a durin inspection.			
			Control of simprovement: Regularly review and assess the efficacy of implemented introl measures to identify areas for improvement or optimisation in reducing the n is associated with glassware breakage and eye injury during inspection.		
	C		- 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 uponges, or other non-abrasive cleaning implements to remove residue with a scratching chipping, or otherwise damaging glassware surfaces.		
			- Proper storage: Store glassware on designal services or racks, ensuring that items are stable, secure, and separate by size a stype to prever accidental collisions, tipping, or breakag		
			- Emergency response to tools is tablish and regular review proper procedures for responding to memical bills, a tken glass incidents, or other emergencies to minimise injurial sk and fact ate rais coefficiency ean-up efforts.		
4. Sterilization	Thermal burns, Chemical exposure	ЗН		2М	

Version 2.5



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5. Assembly	Inhalation of toxic supercontentions	₽M		1L	

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



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



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



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

Version 2.5

Date of Issue:



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10. Filtration	Exposure to microorganisms, Aerosol generation	2М		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 F	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.gld.gov.au/laws-and-compliance/work-health-and-safety-laws</u> Codes of Practice QLD: <u>https://www.worksafe.gld.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 and Safety Active 34 Occupational Health and unfetwore gulations 2017 Legis from VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulates</u> Unles of mactice VIC <u>https://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: https://www.safework.nsw.gov.au/legal-obligations/legislati Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis.	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/workplace-set-t-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/workplace-set-t-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: <u>https://www.safework.sa.gov.au/resources/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/worg_aces/codes-of-practice#COPs</u>	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				
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	 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 				
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:		
			Dat		
			t te:		
			Date:		

SAL WO 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 area of the process should be carried out in s and subcontract s) who may be affected by the operation esentatives who received 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.
- 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 imement of cont, measures.			
Permit requirements specified, such as Hot Wey, Electrical Work, Verat Heights etc.			
SWMS identifies plant and equipment to be up t.			
Details of inspection checks required for any equipment listed approved 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 RI	EVIEWED	
SIGNATURE	DATE COMPLETED		