

Fume Hood SAFE WORK METHOD STATEMENT (SWMS)								
	TASK OR ACTIVITY: Fume Hood	ł						
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 conducte proposed work starts.	cting a business or undertaking (K 3U) is	required to thurs had 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	vs 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	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, conditioned in the second hazards and then to further take steps to either conditioned or control eact hazard.	NAME	SIGNATURE	DATE					
If an incident or a near miss occurs, all work must successfully. 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:							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 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 o	☐ 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	Inhalation of harmful gases, Fire hazard	2М	 Conduct a thorough risk assessment of the workspace to identify potential hazards, including sources of toxic fumes or flammable materials. Properly train all personnel on the usage and contenance of fume hoods, ensuring they understand how they function and whole y are important for safety. Ensure that the fume hood is functioning counctly as participated by following the manufacturers' guidelines for installation, inspected and the sting. Store hazardous chemicals and materials in clear labelled to proved containers away from ignition sources, enviring they are tight, each when not in use. Utilise appropriate levels of providive equipment (Pine), such as gloves, goggles, and well-fitting topicators, minima the risk of exposure to harmful gases and chemicals. Estore h clear memory response pucedures, including alarms, fire exting to a safe wash stations, to address potential incidents involving harmful fumes or his quick and safely. Mainta prover vention and airflow in the work area to reduce the concentration of potentially following relevant regulations specific to the substances involved. Incidents the propertiate waste management practices to dispose of hazardous materials are kept at a safe distance. Regularly monitor and inspect the fume hood and its filters, replacing or repairing any damaged components promptly to maintain optimal performance. Communicate with coworkers and supervisors regarding any concerns or observations about the safet of the fume hood or surrounding work area, encouraging open dialogue and teamwork in maintaining a safe environment. Post clear signage and warnings indicating the presence of hazardous materials and detailing appropriate safety protocols, ensuring that people who may enter the area understand the risks and necessary precautions. 	1L	
2. Inspection & Maintenance	Chemical spills, Electrocution	3H	 Conduct regular inspections of fume hoods, checking for any signs of wear, damage or malfunction. Implement a maintenance schedule for fume hoods, ensuring all parts and components are functioning properly and cleaned regularly. Provide proper training for workers on the safe handling and storage of chemicals, including spill response procedures and personal protective equipment (PPE) requirements. 	1L	



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			 Ensure that electrical connections and wiring for fume hoods are routinely inspected and maintained by qualified personnel, while wearing appropriate PPE such as insulated gloves. Establish procedures for any necessary repair or replacements for faulty components, including quick response time to address potential risks associated with chemical exposure or electrocution haz ds. Require workers to promptly report any issue to uncerns related to fume hood performance, so that maintepance personnel can wickly diagonal and resolve problems. Keep spill containment is react available near functioneds to effectively manage any chemical spit and maintepance within the very stop buttons and relevant safety quipment such a use extinguine or and eyewash stations, in close proximate function function. Utilise clear anage indicing the lear thore emergency stop buttons and relevant safety quipment such a use extinguine or and eyewash stations, in close proximate function function. Encor ray open communication between management, inspection teams, and maintee incorresting of discuss any observed issues and contribute towards continue sly is proving fety practices. Semotina safet first culture within the workplace, reinforcing the importance of adhe on the established inspection and maintenance procedures to minimise the isks associated with chemical spills and electrocution hazards. 		
3. Equipment Setup	Improper hose connection, Improper ventilation	2М	 Evaluation of the second state of the	1L	



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			- Reinforce the importance of regular communication between team members throughout the work process, especially during the setup of critical equipment such as fume hoods.		
			- Encourage workers to use the 'buddy system' is en setting up complex equipment like fume hoods, having one person verify the work of another to reduce the risk of mistakes.		
			- Provide personal protective equipment (PPE), the safety goggles and gloves for workers during the setup process, offering actional protection against any potential hazards.		
			- Regularly review are clate S. Work Method Standents (SWMS) and protocols to ensure they remain relevant and effective in reducing risks associated with equipment strugg and haza in the perkplace		
4. Chemical Handling	Exposure to toxic characters, Chemic reactions	ЗН		1L	



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5. Fume Hood Operation	Airborne contaminants, Malfurencing exhaust fan	21		1L	



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6. Emergency Procedures	Lack of emergend staining and solution	е вн		1L	



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7. Housekeeping	Slippery floors, Clubered worth	2M		1L	

Version 2.5



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		IR INITIAL RISK		RESIDUAL RISK	

Version 2.5



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9. Chemical Storage	Labeling errors, Spill concernation	2M		1L	

Version 2.5

Date of Issue:



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10. Documentation & Recordkeeping	Incomplete records, Lack of proper documentation	2М		1L	



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11. Employee Training	Untrained personnel, Inadequate Prusage	ЗН		1L	



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12. Periodic Assessments	Non-compliance with regulations, Unaddressed issues	2М		1L	



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13. Ventilation System Monitoring	Blocked air ducts, Insufficient airflow	2М		1L	



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14. Fume Hood Shutdown	Residual chemical fumes, Hazardous byproducts	2М		1L	



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15. Decommissioning & Decontamination	Remaining hazardous materials, Incomplete cleaning	ЗН		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 F	REFERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEG	GISLATIVE 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 Octopational Health and Safety Action 04 Octopational Health and pafety regulations 2017 Legisloon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulated solutional-health-and-safety-act-and- gulated solutional-health-act-act-act-act-act-act-act-act-act-act</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: <u>https://www.safework.sa.gov.au/resources/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_saces/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 - 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/acts-and-regulations 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:		
			Dat		
			t te:		
			Date:		

SAL WO A STHUD STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to revised if necessary) if relevant control measure are subcontract of the SWMS and their health and safety representatives who reworkplace.

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.
- 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 CO	MPLETED	