

Gas Cylinders Storage And	Handling SAFE WORK ME	ETHOD STATEMENT (SWMS)	
TASK OR AG	CTIVITY: Gas Cylinders Storage A	And Handling	
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E jil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE POST OF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or undertaking (r 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	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 agislative requirements to first identify any site hazards, conditions unical those hazards and then to further take steps to either the conditions are or conditions.	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.			



		CL	IENT OR PRINCIPAL	CONTRACTOR D	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	is carried out on or near pressurised gas mains or piping.				
is carried out on a te	lecommunication tower.		M + M	is carried out on	ried out on or near chemical, fuel or refrigerant lines.				
☐ involves demolition of	of an element of a structure	that is load-be		is carried out on	out on or near energised electrical installations or services.				
☐ involves demolition of	of an element related to the	e physical integril of a str	3	is carried out in	s carried out in an area that may have a contaminated or flammable atmosphere.				
☐ involves, or is likely t	o involve, disturbing a es	stos.		☐ involves tilt-up or 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, railway, shipping lane or other traffic corridor.					
is carried out in or ne	ear 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 involvir	ng use of explosives.	☐ is carried out in areas with artificial extremes of temperature.					
is carried out in or ne	ear water or other liquid tha	at involves a risk of drowning	ng.	involves diving v	vork.				
		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	Unsafe storage location, Inadequate cylinder restraints	2M	 Select a suitable storage location, ensuring it is well-ventilated, free from ignition sources, and protected from extreme temperatures at I direct sunlight. Store gas cylinders in a designated area with propriate signage indicating the presence of pressurised gases and any potental hazards. Install anti-slip flooring in the storage areas representational slippage when moving or handling cylinders. Implement cylinder restrains such as securing thins, strate of purpose-built brackets, to prevent cylinders to a falling or rolling to be avage area. Utilise cylinder on organ rds could stored cylinders to protect valve stems from accidental damage or activity. Ensure that to empatible cases are an appearately, maintaining a minimum distant of 3 miles of (10 pt) between flanguable and oxidizing gas cylinders. Implicate a first of first-out inventory system for gas cylinders, to ensure older cylinder gas used by the newer ones and decrease the risk of improper handling due to to take requipment. Regular inspectant maintain cylinder storage facilities, including restraints and the organ environment, to ensure they remain effective and fit for purpose. Train personnel involved in the handling and storage of gas cylinders regarding per procedures, safety precautions, and emergency response protocols. Establish an emergency response plan in case of gas leaks, fire, or other incidents involving stored gas cylinders, including regular drills and training for employees. Encourage the use of personal protective equipment (such as heavy-duty gloves, safety glasses, and steel-toed boots) by staff when handling gas cylinders. Regularly review and update the safety data sheets (SDS) for all gases stored onsite, ensuring staff have access to this information for reference and training purposes. Conduct routine audits to monitor compliance with safety regulations, as well as the effectiveness of established control m	1L	
2. Cylinder Inspection	Damaged cylinders, Leaking valves	3Н	 Regular visual inspections: Conduct routine visual examinations of gas cylinders for any signs of damage, such as dents, gouges, rust, or signs of heat exposure. Proper signage and labeling: Ensure all gas cylinders are clearly labelled with their contents and hazard classification, in accordance with relevant regulations. Trained personnel: Only allow trained and authorised individuals to handle and inspect gas cylinders. 	1L	



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			 Use of personal protective equipment (PPE): Require workers handling gas cylinders to wear appropriate PPE, including gloves, eye protection, and closed-toe shoes. Leak detection methods: Implement proper lead detection methods, such as conducting pressure tests or using a soappropriate solution to check for leaking valves during inspection. Integrity of cylinder: Verify the integrity and experience and date of gas cylinders according to the manufacture is recommendation and regulate prequirements. Appropriate storage condition. Store gas cylinder and spanted areas away from direct sunlight, heater ans, measure, and potential solon sources, complying with storage guideling or responsible yeas. Proper han and procedure. Train as kern with appropriate handling techniques and usage of this, such an and truck analylinder carts, when moving gas cylinder. Cyling an arregate a Segregate damaged or leaking cylinders from intact ones and main mance. Ferform periodic maintenance and servicing of cylinders by a Nified chinic as per the manufacturer's recommendations and regulatory required its. Periodic main mance. Ferform periodic maintenance and servicing of cylinders by a prisons or managers of any damaged or leaking cylinders identified during the inspection process. Emergency response plan: Develop and implement an emergency response plan specific to incidents involving gas cylinders, ensuring that all workers are familiar with their roles and responsibilities. Disposal of damaged cylinders: Dispose of damaged or non-compliant gas cylinders according to appropriate disposal guidelines, handling procedures, and waste management practices. Continuous improvement: Regularly review inspection practices, worker training programs, and risk management strategies to identify opportunities for improving gas cylinder safety in the workplace. 		
3. Moving Cylinders	Manual handling injuries, Struck by falling objects	3Н	 Conduct a risk assessment beforehand to identify potential hazards and determine appropriate control measures in accordance with relevant Australian Standards, Codes of Practice, and industry guidelines. Provide appropriate Personal Protective Equipment (PPE) for workers, including gloves, safety footwear, and high-visibility clothing to minimise the risk of injury while handling gas cylinders. Train workers in proper manual handling techniques, including how to lift, carry, push, and pull gas cylinders, as well as the correct use of handling equipment like trolleys or cranes. 	2M	



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			- Perform regular maintenance and inspection of cylinder handling equipment to ensure it's in good working order and fit for purpose.		
			- Implement an appropriate storage system for all cylinders, ensuring that they are clearly labelled and secured using appropriate restraining devices such as cylinder clamps or chains.		
			- Establish a clear procedure for transporting scylings within the work area, including designated routes, speed limits, and ays to avoid collisions or accidents.		
			- Ensure any lifting or moving a erformed only by the aid competent personnel, using dedicated equitable design dispecifically for a using gas cylinders.		
			- Avoid stacking as cylind too keep and keep eavy or larger cylinders on lower levels to reduct the risk of ling objects.		
			- Utility lesigns, at cylinder loading and unloading zones, making sure these areas are known that the front and critical properly marked with signage to limit the likelihood accide.		
			- Keep anny, klinder apparated from full ones, as well as incompatible gases stored so area. To prevent accidental leakages, mixing, or other hazardous ations		
			Imple a routine inspection schedule to check for signs of damage or leaks on s cylinous, ensuring timely detection and mitigation of potential hazards.		
			- courage open communication and reporting between workers and supervisors regarding any concerns about the storage and handling process, including identifying potential hazards and near misses.		
			- Continually review and update workplace policies, procedures, and training materials related to the moving, storage, and handling of gas cylinders, ensuring that they stay current with industry best practices and any relevant legislative changes.		
4.0					
4. Connecting Regulators	Incorrect connection, Gas leaks	3H		1L	



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5. Opening Cylinder Valves	High-pressure gas release, Valve failure	4A		2M	



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6. Igniting the Gas	Uncontrolled ignition, Fire hazard	ЗН		1L	



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7. Operating Equipment	Improper use, Malfunctioning equipment	2M		1L	



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8. Cylinder Replacement	Disconnecting regulator, Exposure to high-pressure gas	ЗН		1L	



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9. Emergency Response	Delayed response, Lack of proper training	2M		1L	



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10. Ventilation Assessment	Insufficient ventilation, Accumulation of gas	2M		1L	



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11. Cylinder Transportation	Insecure load, Vehicle collision	ЗН		1L	



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12. Cylinder Disposal	Unauthorised disposal, Hazardous waste exposure	1L		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: 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/legislations/leg

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

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 34

Occupational Health and Infety gulations 2017

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

<u>qulat.</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.

Tollow arry sale work instruction								
Worker Name	Pos	sition	Signature	Date	Time	Sup	pervisor	
				Date:				
				_				
				Date				
				l te:				
			AV	Date:				
				Date:				
				Date:				
				Date:				
SAF WC A STHUD STATEMENT MONITORING AND REVIEW								
The SWMS must be reviewed regularly to revised if necessary) if relevant control measure and subcontract is reviewed (and revised if necessary) if relevant control measure are subcontract is review process should be carried out in consultation with workers (including contractors and subcontract is) who may be affected by the operation of the SWMS and their health and safety representatives who received 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	□ 1	<u> </u>	□ 3	<u></u> 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	