



Troubleshoot Gas Lea	iks SAFE WORK METHOD	STATEMENT (SWMS)	
TASK	OR ACTIVITY: Troubleshoot Gas	s Leaks	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E 111:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PCL OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or under the (PC 1) is	required to en that a safe work method s	statement (SWMS) is prepared before
Full Name:			
Signature:	NY	Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	opliance the VMS a well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS MIS MIS MIS MIS MIS MIS MIS MIS MIS M	NA, ¿ OF ALL RELEVANT PERSONNI EVELOPMENT AND APPROVAL OF	EL WHO HAVE BEEN CONSULTED AND CO	OMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched ed in accomply with gislative requirements to first identify any site hazards, hazards and then to further take steps to either eliminate or continuate hazard.			
If an incident or a near miss occurs, all work must sto, an alately. 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:	
Project Address:	
Project Manager:	
Contact Phone:	
Date SWMS supplied to Project Manager:	
ANY HIGH BIOK CONSTRUCTOR	NAME OF THE POLIT
ANY HIGH-RISK CONSTRUCTOR	N WC & BEIN C ARIED OUT
☐ involves a risk of a person falling more than 2 meters	is carried out on or near pressurised gas mains or piping
☐ is carried out on a telecommunication tower	carried out on or near chemical, fuel or refrigerant lines
☐ involves demolition of an element of a structure that is load-bearing	\square is carried out on or near energised electrical installations or services
☐ involves demolition of an element related to the physical integral of a functure	☐ is carried out in an area that may have a contaminated or flammable atmosphere
☐ involves, or is likely to involve, disturbing asb	☐ involves tilt-up or precast concrete
☐ involves structural alteration or repair that —quires term — v sup —rt to prevent collapse	☐ is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor
☐ is carried out in 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/near a shaft or trench deeper that. tunnel involving use of explosives	☐ is carried out in areas with artificial extremes of temperature.
\square is carried out in or near water or other liquid that involves a risk of drowning.	☐ involves diving work.
ANY HIGH-RISK MACHINER	Y OR EQUIPMENT NEARBY



RISK MATRIX										
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HEI	RARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE ACTION		Elimination Remove the hazard.		
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCE		Substitution	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review before work starts.		Replace the hazard.	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Isolate	e People from the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	nitor and		Engineering Isolate the hazard.	
is the second m	rchy of Controls: ost effective metho nging the work is th	d of controlling a	hazard. Enginee	ering by isolati	on is the in ost e	en 'ive, while	rd. Substitution Administrative effective		Administrative Change the work. PPE	

				PERS		TIVE EQUIPM					
		Select the app	ropriate PPŁ	abo. auitab	ic or the equi	pment used or	the job task	being perforr	ned (if applica	ıble).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING ETION	P ECTION	PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE R	Required:										
	Pe	ermit or Licen	ses Requirem	ents		Mandatory Qualifications and Training					



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Gas exposure, Slipping or tripping	3H	 Conduct a risk assessment prior to starting the work to identify potential gas leak sources and evaluate the risk of gas exposure. Ensure all personnel are trained in emergens to a surface and understand how to respond in case of a gas leak. Use appropriate personal projective equipment (h. 1) such as gas detectors, respiratory protection, gloves, and safety goods where ecessary. Ventilate the such by opening with lows or using electronical ventilation systems to disperse any accumulated risk. Estation a cital composition plan and alerting workers in the event of a detected gas leak. Keel of sign sources away from the area to prevent fires or explosions, including banning smoking and using hintourism. Implement so thous seping practices to keep walkways and work areas clear of obstructions that huld can be slip for trips. Man that industrous zones with appropriate signage to warn workers and visitors of potential gas exposure isks. Insure regular maintenance and inspection of gas lines and fittings to prevent leaks. Have a well-stocked first aid kit easily accessible in the event of accidental exposure to gas. Assign a competent supervisor to oversee the preparation stage and ensure all safety protocols are followed correctly. Test gas detection equipment regularly to confirm it functions correctly before commencing work. Report and document any incident of gas leaks or near misses immediately to facilitate future prevention measures. Limit the number of personnel in the area to essential staff only during troubleshooting to minimise exposure risk. 	2M
2. Isolate the Area	Fire explosion, Interference with other operations	4A	 Develop and implement a gas leak response plan to quickly address the situation and minimise risks. Erect physical barriers and signage around the affected area to prevent unauthorised access and interference. Ensure all personnel are trained in emergency evacuation procedures and designated meeting points. Maintain communication with on-site safety officers and coordinate with emergency services if needed. Use intrinsically safe equipment to prevent ignition sources from causing an explosion. Implement a hot work permit system to control any operations that produce sparks or flames in nearby areas. 	2M



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			- Conduct regular air monitoring to detect any presence of hazardous gases and ensure levels remain within safe limits.	
			- Provide appropriate personal protective equipmer (PE) such as flame-resistant clothing and respirators to all workers involved.	
			- Ensure that all electrical devices in the arrange are turned and that there is no smoking or use of mobile phones near the site.	
			- Establish a safe zone for first aid and medical rument outside the isolated area, with clear access routes indicated.	
			- Conduct a thorough as session t prior to commencing work to identify potential hazards and ensure all workers are cormed.	
			- Ensure proper ventilation, enclosed to disperse gas accumulation.	
			- Use a sically of sols and equipment to prevent sparks that could ignite a gas leak.	
			- Wear propriate sonal protective equipment (PPE), including gas detection monitors, flame-resistant clothing globs, and sety goggles.	
			Condul regul calibration of gas detection devices to ensure accurate readings.	
			- Es Nis a clear evacuation plan and ensure all workers are familiar with emergency procedures in car of a significant gas leak.	
			e non-flammable gas detection spray or soapy water to safely identify leaks.	
3. Leak Detection	Gas poisoning, Electrical tock	3FI	- Isolate electrical circuits in the vicinity of the gas leak to eliminate the risk of electrical shock.	2M
			- Train workers on the properties of the specific gas involved, recognising symptoms of exposure, and basic first aid response.	
			- Maintain communication with all team members during the operation through radios or other non- electronic means to avoid interference with gas detection devices.	
			- Implement a buddy system for all workers involved so no one is working alone when checking for gas leaks.	
			- Secure the work area from unauthorised personnel to prevent accidental exposure.	
			- Document and review all findings and remedial actions taken to inform future safety measures and training sessions.	
			- Coordinate with local emergency services beforehand and ensure they are informed about potential risks and site layout.	
4 Equipment	Equipment malfunction Dhysical initia			
4. Equipment Inspection	Equipment malfunction, Physical injury from faulty tools	3H		1L



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				-
5. Use of Detection Devices	False readings, equipment failure	2M		1L



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6. Interpretation of Signals	Incorrect diagnosis, overexposure to	2M		I 1L
7. Marking Leak Locations	Explosive reactions, Physical injuries	ЗН		1L



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	1			
	6			
O Domain Dlanning	Institute of the Faulture	3H		2M
8. Repair Planning	Ignition of gas, Faulty repair prans	3П		ZIVI
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9. Carry Out Repairs	Risk of explosion, incorrect repairs	4/4		2M
10. Re-inspection	Repeat exposure, Damage to repaired areas	3H		I 1L



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11. Monitoring Post- Repair	Persistent leak, Newly developed leaks	2M		1L



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12. Response to Persistent Leaks	Fire risk, ongoing gas exposure	4A		2M
13. Report Preparation	Report errors, Miscommunication	2M		1 L



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				I
				-
14. Report Dissemination	Misinterpretation, Lack of response	2M		1L
				1
		-		



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15. Follow-up Actions	Incomplete repairs, Recurrent leaks	ЗН		1L



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.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

Codes of Practice ACT: https://www.worksare.act.gov.au/laws-and-compilance/codes-of-p

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-oi 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 affety gulations 2017

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

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les on actice VI atps://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	Signature	Date

SAFE WORK IN THE STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to make sure it remains a fective of must be reviewed (and revised if necessary) if relevant control measures are revised. The view process should be carried out in consultation with workers (including contractors 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 mast ensure that 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 rest of the review are advised of the changes in a way that will enable them to implement their duties and the 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:

- 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	COMMENTS	
The company details have been entered, including the project name and address.			
All relevant personnel consulted during the development of the SWMS.			
Name, signature, position and date signed of the person approving the SWMS.			
Specific personnel and qualifications, experience is noted in the SWMS.	7		
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 SWMS			
SWMS initial risk (IR) column as well as residual risk (RR) column pupleted.			
Check control measures added to the SWMS are the most effective selections			
Responsible person is assigned and listed on the part the important control measures.			
Permit or licenses requirements specified, sur as Hot Work, Electric Work, Work at Heights etc.			
SWMS identifies plant and equipment to be us			
Details of inspection checks required for any equipment listed an inoted on the SWMS.			
Describes any mandatory qualifications, experience, and or skills required to perform the work.			
Applicable personal protective equipment is selected on the SWMS.			
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 REVIEWE	D	
SIGNATURE	DATE COMPLETED		