



Gas Installation	SAFE WORK METHOD STA	ATEMENT (SWMS)	
TA	ASK OR ACTIVITY: Gas Installati	on	
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.	eting a business or under og (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 S VMS MY HAVE THE FOLLOWING COMMUNICATED	NA. 2 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 and in account with a gislative requirements to first identify any site hazards, hazards and then to further take steps to either eliminate or continuous each 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.			

Version 2.5 Authorised by Review # Date of Issue: Review Date: 1





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

Version 2.5 Authorised by Review # Date of Issue: Review Date: 2



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 v uitab	cor 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	equired:										
	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	Trip hazards, Falling objects	2M	- Conduct a thorough risk assessment of the perksite prior to commencing gas installation, identifying all potential hazards, including trip hazards are alling object.  - Implement proper housekeeping measures to an out the work area, regularly clearing away any rubbish, debris, or loose materials that could can extripping or fers.  - Utilise high-visibility tape, consort or other signage release demarcate areas where trip hazards are present or where falling objects by be a concern.  - Establish designated wan lays we clear mark his within the worksite to minimise exposure to trip hazards and assibility of forgobje.  - Store II heave rebulled vaterials securacy on shelves or in designated storage areas to prevent them from the mining the repair of alling objects.  - Regularly aspect to maintain all equipment used for gas installation, ensuring that it is in good working condition and properly occurred when not in use.  Provide dequate training to all staff involved in the gas installation process, including specific training on long single pathial hazards and implementing appropriate control measures.  - Encotagopen communication among team members, fostering a culture of reporting any identified trains or near misses immediately to supervisors or management for appropriate action.  - Evelop an emergency response plan that outlines predetermined procedures to follow in the event of a rip hazard or falling object incident at the worksite.  - Equip all employees with appropriate personal protective equipment (PPE), such as slip-resistant footwear and hardhats, to minimise the risks associated with trip hazards and falling objects.  - Monitor weather conditions before and during the gas installation process, postponing or altering work activities if high winds or other adverse conditions create an increased risk of falling objects.  - Employ engineering controls, such as toe boards, guardrails, or netting systems, to prevent tools and materials from accidentally falling from elevated work areas.  - Conduct regula	1L
2. Site assessment	Uneven surfaces, Confined spaces	3H	<ul> <li>Conduct a thorough site assessment prior to beginning work, identifying and documenting any uneven surfaces or confined spaces present on the job site.</li> <li>Install appropriate warning signs and barriers around identified hazards (e.g., uneven surfaces, confined spaces) to alert workers and prevent accidental entry.</li> <li>Regularly perform housekeeping tasks such as clearing debris and maintaining walkways, ensuring surfaces are as even and clean as possible to minimise slipping or tripping hazards.</li> </ul>	2M



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
			- Ensuring all workers wear Personal Protective Equipment (PPE), including non-slip footwear, to reduce potential injuries caused by uneven surfaces or confined spaces.	
			- Provide essential training to all workers on safe working procedures for handling uneven surfaces and confined spaces, including emergency responsational confined spaces.	
			- Encourage consistent communication and a team memors regarding any new or existing hazards and ensure any changes in the work environment be door ented and reported accordingly.	
			- Implement a buddy system for personnel who have another team member anitoring their work of available for assistance if necessary.	
			- Ensure proper ventilation is in the ce within confined the stomaintain adequate air quality and reduce any risks associate that is built to or inhalation.	
			- Establish a signated replie teal, rained confined space emergencies, ensuring they remain on standby and in enough any from the conductive difference of the confined space emergencies, ensuring they remain on standby and in enough any from the conductive difference of the confined space emergencies, ensuring they remain on standby and in enough any from the conductive difference of the confined space emergencies, ensuring they remain on standby and in enough any from the conductive difference of the confined space emergencies.	
			- Reg winspectors and equipment used during the gas installation process for any damages which may continue to additional hazards at the site.	
			- Use la del scaffol g or other elevation devices with caution and according to manufacturer guideling who havigate g uneven surfaces, ensuring these are securely fastened and stable before use.	
			- nitor leathe conditions and avoid working during adverse weather (such as heavy rain or high wind, the may exacerbate risks associated with uneven surfaces or confined spaces, postponing work if ecessa.  - wiew and update the Safe Work Method Statement (SWMS) regularly, incorporating any new control measures or changes to existing procedures as required to account for evolving hazards on the job site.	
			- Employee training: Ensure all employees working on this project have completed appropriate training in safe gas handling practices, as well as emergency response protocols for gas leaks and fires.	
			- Personal Protective Equipment (PPE): Ensure all workers wear the necessary PPE, such as flame-resistant clothing, safety goggles, gloves, and steel-toed boots, to protect themselves from potential hazards associated with gas line isolation work.	
			- Leak detection equipment: Regularly inspect and maintain gas detectors and other leak detection equipment to ensure accurate identification of any gas leaks that may occur during the isolation process.	
3. Gas line isolation	Gas leakage, Fire risk	4A	- Gas line signage: Clearly mark gas lines with visible signage to indicate the presence of flammable gas and encourage caution among workers.	3H
			- Proper ventilation: Ensure adequate ventilation is maintained at the worksite to prevent the accumulation of combustible gases and reduce the risk of fire.	
			- Pre-isolation inspection: Conduct thorough visual inspections and use gas detectors to check for any gas leaks around the area before isolating the gas line.	
			- Tools and equipment maintenance: Periodically inspect and maintain all tools and equipment used in the gas line isolation process to prevent malfunctions that could lead to gas leaks or fires.	



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
			- Emergency response plan: Develop a comprehensive emergency response plan, including the location of firefighting equipment, evacuation routes, and procedures for contacting emergency services in the event of a gas leak or fire.	
			- Strict no-smoking policy: Enforce a strict no-smoking policy at the worksite to reduce the risk of ignition sources that could lead to fires.	
			- Double-check valve shut-offs: Confirm that valve be properly shut off before isolating the gas line, and place signs or lockout tags to warn others.	
			- Monitoring and communicate a: Maintain open likes of communication between workers during the gas line isolation process, and important regular check to provide the progress and safety of the operation.	
. Pipe cutting	Sharp edges, Nois hazani	ЗН		2M



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
5. Pipe threading	Hand injuries, Eye hazard	344		1L
6. Pipe fitting	Musculoskeletal strain, Lacerations	2M		1L



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
7. Leak testing	Toxic gas exposure, Fire risk	3H		1L



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
8. Gas appliance connection	Burn hazards, Electrocution	ЗН		2M



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
9. Commissioning	Inadequate ventilation, Carbon monoxide poisoning	4A		2M



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
				ı
				I
				l
				ı
10. Re-establish gas	Explosion risk, H2S exposure	4A		■ 3H
supply	, , ,			•



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
11. Safety checks	Confined space entry, Slips and fat	ЗН		<b>1</b> L
				1



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
12. Cleanup and waste disposal	Hazardous waste exposure, Load handling	2M		1L
шэрозаг	nanding			



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	RESIDUA RISK
				I



#### **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: <a href="https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice-legislation">https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice-legislation</a> ACT: <a href="https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations">https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations</a>

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/

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

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/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 at Safety Act 34

Occupational Health and affety gulations 2017

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

gulat

des on actice VI autps://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 as support ractors 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							

Version 2.5 Authorised by Review # Date of Issue: Review Date: 16





### 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 mpleted.		
Check control measures added to the SWMS are the most effective selectives		
Responsible person is assigned and listed on the property the improvement of 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 noted on the SWMS.		
Describes any mandatory qualifications, experience, and g 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.		
dentifies any hazardous substances used with specific control measures in line with any SDS.		
REVIEWED BY	DATE REVIEWED	
SIGNATURE	DATE COMPLETE	D