

Air Conditioning and Refrigerant Gas SAFE WORK METHOD STATEMENT (SWMS)									
TASK OR A	CTIVITY: Air Conditioning and Re	frigerant Gas							
Business Name: [Company Name]		ABN: [ABN]	SWMS#						
Business Address: [Company Address]									
Contact Person:	Phone: [Phone]	E ail:							
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE P. J OF THE PROJECT							
Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (NBU) is required to source at a safe work method statement (SWMS) is prepared before the proposed work starts.									
Full Name:									
Signature:		Title:	t Gas ABN] SWMS# SOF THE PROJECT Or Une out a safe work method statement (SWMS) is prepared before Date: ifications of the SWMS. Phone: ANT PERSONNEL WHO HAVE BEEN CONSULTED AND						
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. Date:									
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 COMUNICATED TO IN THE DEVELO	LL 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, conducted in inical those hazards and then to further take steps to either characterized or conducted and hazard.	NAME	SIGNATURE	DATE						
If an incident or a near miss occurs, all work must succurately. 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 (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 o	☐ 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	Tripping hazards, Electrical shocks	2М	 Inspect the work area prior to commencement and remove any potential tripping hazards such as debris, cables, or tools. Clearly mark all identified tripping hazards in the work area using appropriate signage or barrier tape. Ensure workers wear slip-resistant shoes a uppart oneir PPE while performing work in the designated area. Implement adequate lightimum the work area to usure that exential hazards can be clearly seen and avoided by torkers. Provide on-going to work and a threness sessions for workers regarding safe work practices, including hazard identification and activation prevention. Install temple of flooring of mats to use on workers regarding safe work practices, including hazards dentification and activates where tripping hazards cannot be removed or cable trays to manage electrical cables and prevent them from biologing units, undergo regular testing and tagging to confirm their activation or maintenance, including disconnecting powered appliances. Aw orkers dealing with electrical equipment must possess appropriate training and qualifications, such as an Electrical Workers License, to perform tasks safely. Implement a lockout/tagout system for electrical panels, switches, and equipment in areas where workers may come into contact with live electricity during the air conditioning and refrigerant gas work process. Train workers to report any unsafe condition, exposed wires or damaged electrical equipment immediately and halt work until it is remediated. Have emergency-response equipment, such as fire extinguishers and first-aid kits, readily available and accessible to workers in case of accidental injury, electrocution, or other potential incidents. 	1L	
2. System Inspection	Refrigerant leaks, Exposed wires	2M	 Conduct a thorough visual inspection of the air conditioning system before beginning work to identify any possible refrigerant leaks or exposed wires. Implement a regular maintenance schedule to ensure that the system is checked and serviced by qualified technicians, minimising the risk of hazards. Provide training to workers on how to properly inspect and identify signs of refrigerant leaks and exposed wires, as well as what steps to take when encountering these hazards. 	1L	



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			- Require workers to wear appropriate personal protective equipment (PPE), such as gloves and safety goggles, to protect against potential chemical exposure and electrical hazards while working with refrigerants and uring.		
			- Use leak detection equipment, such as electric cleak detectors or UV dye, to help identify and locate refrigerant leaks in the court.		
			- Ensure all electrical connections are secure and that here are no exposed live wires that could cause potential harm to worke		
			- Establish a well-ventilated to kspace area to reuse the concentration of any refrigerant gas that may have to ked, thus lowering the right of inhalation-related health issues for work		
			- Properly labeled d store heigeral, and other cemicals in designated areas, away from heisources, to inimise the rist accidental exposure.		
			- Price e main, hance usks that pose we highest risk, such as damaged complex is that the cause refrigerant leaks or exposed live wires, so they can be addres accommedia, v.		
			- Implement kout-take ut' procedures to isolate the power source and prevent accident energy sing owne equipment during inspection and maintenance work.		
	1		- b color in incident response plan, including emergency contact information, first aid superior and evacuation procedures, to be prepared for situations where a frigeranceak or exposed wire results in injury or other serious consequences.		
	C		- Local and update the Safe Work Method Statement (SWMS) based on changes within the workplace or new information regarding air conditioning and refrigeration safety standards, ensuring that control measures remain relevant and effective.		
			- Ensure proper training and certification in handling air conditioning and refrigeration systems is provided to all workers involved in testing operations.		
			- Conduct a thorough risk assessment before commencing the work step, identifying all potential hazards associated with moving parts and possible overheating, and create an action plan to mitigate those risks.		
3. Testing Operation	Moving parts injury, Overheating	2M	- Utilise appropriate personal protective equipment (PPE), such as gloves, safety glasses or goggles, and long sleeves, to protect employees from exposure to moving parts and potential overheating components.	1L	
			- Perform regular maintenance checks on all equipment and machinery involved in the testing procedures to ensure they are in good working order, reducing the risk of malfunctioning and overheating.		
			 Implement lockout/tagout procedures to disable any electrical or mechanical power sources when servicing or maintaining equipment, preventing inadvertent activation of equipment and exposure to moving parts. 		



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			- Provide adequate ventilation and temperature control within the working environment to prevent heat build-up and decrease the risk of overheating during testing procedures.		
			- Establish clear and visible signage indicating a presence of moving parts and potential overheating hazards. Educate we have on the importance of adhering to these signs and being aware of their surrout longs.		
			- Develop written Standard Operating Procedu (PS) detailing the correct methods for conducting the testing operation, including specific videlines for maintaining worker safety are of moving parts an overhead g components.		
			- Regularly inspect the parking a range for any clutter of a paris that may lead to distractions or objections, reasing the risk of actidents involving moving parts or overheating regiment.		
			- Supervise the sting of ation close, suring that crew members follow all safet, tocols, of and the potential hazards, and are aware of their roles and respondencies when the process.		
			 Scheel le priodic benks for employees to avoid fatigue and decreased alertness, which can incluse the cellhood of accidents involving moving parts or overheating suipme. Enclose a culture of open communication, allowing employees to voice their oncern, and ask questions about safety procedures relating to moving parts and 		
			 erheating hazards. Ounduct regular safety audits to ensure that safety protocols, including control measures for preventing injuries from moving parts and overheating, are up-to-date and consistently followed within the workplace. 		
4. Recharging Refrigerant	Refrigerant exposure, Cylinder handling	ЗH		2M	
Reingerant					



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5. Cleaning Unit	Chemical hazards, Slippery surfaces	2M		1L	



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6. Ductwork Inspection	Asbestos exposure, Confined spaces	ЗН		2M	



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	S				

Date of Issue:



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
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8. Fan Motor Maintenance	Electric shock, Rotating parts hazard	3		2М	



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9. Electrical Checks	Electrical shocks, Arecast			2М	



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10. Final Testing	Incorrect reassement error, Moving parts injury	2M		1L	



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11. Secure Access Panels	Finger pinch, Tool injuries	1L		1L	



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12. Documentation	Miscommunication errors, Incomplete records	2М		1L	

Version 2.5

Date of Issue:



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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
13. Waste Disposal	Hazardous substance exposure, Lifting injuries	2M		1L	



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14. Equipment Check/Tagging	Faulty equipment, Defective tag	2М		1L	



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15. Site Cleanup	Slip and trip hazards, Falling objects	2M		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 LEG	SISLATIVE 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 Octupational Health and Safety Action 04 Octupational Health and infeture gulations 2017 Legismon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulaters</u> Unles on mactice VIC <u>artips://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/legislatic Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislatic	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: https://worksafe.nt.gov.au/laws-and-compliance/worplace-serve-laws Codes of Practice NT: https://worksafe.nt.gov.au/f	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/acts-and-regulations	 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:		

SAF WC 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 are subcontractions) who may be affected by the operation sentatives 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 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 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	