

Airborne Ultrasonics SAFE WORK METHOD STATEMENT (SWMS)								
TAS	K OR ACTIVITY: Airborne Ultraso	onics						
Business Name: [Company Name]		ABN: [ABN]	SWMS#					
Business Address: [Company Address]								
Contact Person:	Phone: [Phone]	E fil:						
THIS SAFE WORK METHOD STATEMENT IS APPROVED BY THE POUR THE PROJECT								
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	eting a business or undertaking (F RU) is	required to ure 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 a	ompliance 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 BI PMENT 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, conditions those hazards and then to further take steps to either the conditions of the conditions are or conditional talks.	NAME	SIGNATURE	DATE					
If an incident or a near miss occurs, all work must standardly. 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:					known as cope of works).						
Project Manager:											
Contact Phone:											
Project Manager Sig	nature:										
Date SWMS supplie	d to Project Manager:										
ANY HIGH-RISK CON PUCT NO JRK BEING CARRIED OUT											
☐ involves a risk of a pe	erson falling more than 2 m	neters.		is carried out on or near pressurised gas mains or piping.							
is carried out on a tel	ecommunication tower.	`	$H \cap H$	is carried out on	or near chemical, fuel or refrig	erant lines.					
☐ involves demolition o	f an element of a structure	that is load-be n.		is carried out on or near energised electrical installations or services.							
☐ involves demolition o	f an element related to the	physical integrit of a str	3.	is carried out in an area that may have a contaminated or flammable atmosphere.							
☐ involves, or is likely to	o involve, disturbing a	tos.		involves tilt-up or precast concrete.							
involves structural alt	eration or repair that re	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	ar 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 involvin	g use of explosives.	is carried out in a	areas with artificial extremes of	temperature.					
is carried out in or ne	ar water or other liquid tha	t involves a risk of drowning	ng.	☐ involves diving w	vork.						
		ANY HI	IGH-RISK MACHINER	RY OR EQUIPMEN	IT 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 -					





PERL NAL TECTIVE EQUIPMENT (PPE)

FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING PPOTECTION	PROTE	SPIRATORY P STECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
			A								

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	Trip and slip hazards, Electrical hazards	2M	 Ensure the work area is clean and free of clutter, debris, or any other obstacles that could potentially cause a trip or slip hazard. Install proper signage and barriers around the cork area to indicate potential hazards and restrict access to authorised a connel only. Conduct regular inspections of the work are pincluding floors and walkways, to identify and address any potential slip, trip, or a coal hazards. Implement an effective cabor nanagement systs a such as cong cable covers or organizers to prevent cables from creating tripping to tare and ensure they remain undamaged. Utilise approximate person proteins a equipment (PPE) such as non-slip footwear, safety gloves and eye protection to be nated as associated with identified hazards. Malcourse allocations quipment uses in the work step is well-maintained, tested, and the soft by a coased electrician to verify its safe operation. Proving the ling to a workers involved in the work step on how to safely handle and operate or ipmens as well as identify potential hazards and take immediate notion when he assary. Enourate workers to report any hazards or unsafe conditions immediately to their supersocial trip workers are familiar with the plan and know how to implement it if required. Regularly update risk assessments and safety procedures based on new information, best practices, or changes in workplace conditions to ensure continued safety in the work environment while handling airborne ultrasonics. 	1L	
2. Equipment Setup	Manual handling risks, Noise exposure	2M	 Proper Equipment Handling: Ensure that workers are trained in correct manual handling techniques when lifting, carrying, or setting up the equipment to minimise the risk of injuries. Use of PPE: Provide appropriate personal protective equipment (PPE), such as gloves and safety footwear, to protect workers from potential hazards when handling the equipment. Team Lifting: Encourage team lifting for heavier equipment or components to reduce the strain on individual workers and prevent injuries. Trolley Usage: Utilise trolleys or other mechanical aids to transport heavy equipment, where possible, to minimise manual handling risks. Pre-Setup Inspection: Carry out a thorough inspection of the equipment before setup to identify any potential hazards or issues that could pose a risk during operation. 	1L	



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			 Noise Assessment: Conduct a noise assessment to determine if the ultrasonic equipment will generate a high level of noise exposure, and take action according to the results. Noise Control Measures: Implement engineer a controls, such as sound-dampening barriers or enclosures, to mining a noise exposure, especially if it is found to be above safe levels. Hearing Protection: Provide hearing protection the ces, like earplugs or earmuffs, to workers who are exposed to high noise levels uring equipment operation, and ensure they are adequately to red in their use. Regular Breaks: Sold to be regular breaks for worker exposed to high noise levels to reduce the arm and of the spector a noisy environment, helping to minimise noise-induce dearing dample. Clear Committed attion: Peablish clear communication protocols while working with ultrason equipment exists important instructions or warnings can be easily under to by all the members, especially in noisy conditions. Training an Educator: Deliver comprehensive training sessions on airborne ultrason s, for sing on otential hazards like manual handling risks and noise roosure and sold information on how to mitigate these risks. Monorial and Review: Continuously review and monitor the implemented control peasure of assess their effectiveness in minimising hazards associated with highment setup and make adjustments as needed. 		
3. Calibration	Equipment malfunction, Electrical hazards	2M	Regular inspection and maintenance: Ensure that all equipment is regularly inspected and maintained according to the manufacturer's guidelines to help prevent malfunctions. - Qualified personnel: Only allow trained and qualified personnel to carry out calibration tasks to minimise the risk of equipment malfunction or accidents due to human error. - Isolation of electrical hazards: Ensure that any electrical hazards are properly isolated, marked, and secured to avoid accidental contact during the calibration process. - Personal protective equipment: Provide appropriate personal protective equipment (PPE) for workers during calibration, such as insulated gloves, safety goggles, and face shields, to protect against potential electrical hazards. - Clear workspace: Maintain a clean and organised workspace during calibration to minimise the risk of trips and falls and to ensure that proper safety precautions are taken. - Proper documentation: Keep accurate records of all calibrations performed, including date, time, equipment information, and any issues encountered or adjustments made.	1L	



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			- Safe work practices: Implement safe work practices, such as lockout/tagout procedures, to protect personnel from unexpected energization or startup of equipment during calibration.		
			- Use of calibrated instruments: Ensure that on a alibrated instruments are used in the calibration process to reduce the likelibration of equipment malfunction.		
			- Emergency response plan: Establish a clear mergy of response plan with assigned roles and responsibilities for address adjument malfunctions and electrical hazards during calibration.		
			- Instrumentation grounding: C firm that all calibra in incomments are properly grounded according many turer's instruction prevent electrical hazards.		
			- Awareness training: Contact regular safety training and awareness sessions on the proper use and handling of airbon sultraining equipment and the related hazard.		
		1	Incident aporting a tem: Implement an incident reporting system to track and analysis to pments alfunction and electrical hazard incidents and improve overall safety pacenes. External audit and inspections: Engage with external workplace health and safety a sultains for repular audits and inspections of calibration processes and		
			equipment of ensure ongoing compliance and safety. Continuous improvement: Use findings from incident reports, audits, and in sections to develop and implement ongoing improvements to the calibration process and associated safety measures.		
4. Testing Area Setup	Ventilation issues, Biohazard exposure	3H		2M	



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5. Pre-Testing Procedures	Airborne particle exposure, Cross-contamination	ЗН		1L	



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6. Airborne Ultrasonic Testing	Acoustic injury, Radiant energy exposure	ЗН		2M	



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7. Data Collection	Electrical hazards, Ergonomic strain	2M		1L	



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8. Quality Control Checks	Inaccurate results, Exposure to pathogens	21		1L	



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9. Report Generation	Misinterpretation (stata, Errection port	2M		1L	



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10. Equipment Breakdown	Maintenance hazarda wanu, mandling risks	ZIM		1L	



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11. Decontamination Procedures	Chemical hazards, Exposure to pathogens	зн		1L	



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12. Final Cleanup	Manual handling risks, Trip and slip hazards	2M		1L	



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 PERSONAL PROPERTY.	JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR	RESPONSIBLE PERSON
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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

 $\underline{\textbf{Legislation QLD:}} \ \underline{\textbf{https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws}}$

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/legislati

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

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 al. Safety Act

Occupational Health and afety gulations 2017

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

<u>Julai.</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.

Worker Name	Pos	sition	Signature	Date	Time	Supe	ervisor
				Date:			
				Date			
				L te:			
			AV	Date:			
				Date:			
				Date:			
				Date:			
		SAF WC A	STATEMENT	MONITORING AND R	EVIEW		
The SWMS must be reviewed regularly to reach the sure it remains effective and must be reviewed (and revised if necessary) if relevant control measure are reach. It is not were well as a feet of the 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.			effective in reducing the person responsible for memploy a multi-faceted a 1. Spot Checks. 2. Consultation v. 3. Internal audits An approach of continuo followed up by immediate	nitored regularly for the exist of incidents, keeping the onitoring the effectiveness peroach which includes but with workers, contractors at on a continual basis. The improvement, promptly be corrective action and contently developing ever-improvement.	ne workplace safe for all of the Safe Work Method is not limited to: and sub-contractors. recording inconsistencies sultation with all relevan	personnel. The od Statement should statement should so or deficiencies, at personnel ensures	
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 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 SWh			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effecting so tions.			
Responsible person is assigned and listed on the SWMS for the imperent of continue assures.			
Permit requirements specified, such as Hot Work, Veralt Heights etc.			
SWMS identifies plant and equipment to be u d.			
Details of inspection checks required for any equipment listed are 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.			
dentifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE R	EVIEWED	
SIGNATURE	DATE CO	MPLETED	