

The	rmal Imaging Risk Assessi	ment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
THIS RISK ASSESS	MENT IS APPROVED BY THE PCI	BU ON Y PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a pis prepared before the proposed work starts.	person conducting a busine or ur	ndertaking PCBU required to ensu	re that a RISK ASSESSMENT
Full Name:			
Signature:		ritle:	Date:
CL		DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project Market.			



RISK MATRIX							
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE MA	JOR CATASTROPH			HIERARCHY OF CONTROLS
ALMOST CERTAIN	3 HIGH	3 HIGH		4 4 JTE ACUTE	SCORE	ACTION	Elimination Remove the hazard.
LIKELY	2 MODERATE	3 HIGH	U U U U U U U U U U U U U U U U U U U	4 4 JTE ACUTE	4A ACUTE	DO NOT PROCEED	Substitution Replace the hazard. Isolation
POSSIBLE	1 LOW	2 MODERATE		4 JTE ACUTE	3H HIGH	Rev before work art	Isolate People from the hazard Engineering Isolate the
UNLIKELY	1 LOW	1 LOW		3 Z GH ACU E	MC RATE	Ensure control measures in place.	Activité istrativ e Chang
RARE	1 LOW	1 LOW		3 GH H. 1	1L LOW	Monitor and keep records.	PP
Assist Rating & Required Action:         4A       Stop work. The risk is intolerable, cominate the hazard predesign the activity before proceeding. A Safe Work Method Statement (SWMS) or his er-level authorisation is required.         3H       Review and approve additional controls the proceed with caution; monitor conditions.         2M       Ensure all nominated controls are imprace and efficience work with caution; monitor conditions.         1L       Proceed, following standard operating procedurer wonitor and keep records.         Consequence Scale:							Notes on Hierarchy of Controls:         Remember to apply controls in the preferred order shown by the coloured pyramid:         1.       Eliminate         2.       Substitute         3.       Isolate         4.       Engineering         5.       Administrative         6.       PPE
Consequence		injury/illness)	Project / Ass	Significant regula	pliance / Reputat		Always document why a lower-order control is accepted if
Catastrophic Major	Fatality or perma Serious injury/illr days)			wn prosecution	e		elimination or substitution is not reasonably practicable. aligned with Safe Work Australia's Managing the risk of fatigue at
Moderate	Medical-treatmen	nt injury; lost-tim	e > 1 moderate dela	y Minor breach; ad	Minor breach; adverse client comment		work (2023) and ISO 45001:2018 clauses 6–8.
Minor	First-aid only, no	lost time	negligible dela	y Isolated non-con	formance		
			no schedule	Deviation caught and corrected on site			



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	Inadequate training, Equipment malfunction	ЗН	<ul> <li>Ensure all personnel have undergone comprehensite thermal imaging training</li> <li>Conduct pre-use equipment checks and regularization tage</li> <li>Have an experienced supervisor oversee as preparation tage</li> <li>Implement a checklist approach to ensure as correction steps are followed</li> <li>Provide immediate access to technical support to equipment dues</li> <li>Establish a clear communication plan among team removes during preparation</li> <li>Use only certification of corrated corrmal imaging equipment</li> <li>Document to preparation of tivities and finding for accountability</li> <li>Enstances controls preparation and to authorised personnel only</li> <li>Corn to pre-superiefing to align team on preparation protocols</li> </ul>	2M
2. Site Assessment	Hazardous terrain, Unerschurfaces		<ul> <li>Conduis a trubugh usual inspection of the site before entry</li> <li>See appopriate tignage to indicate hazardous areas</li> <li>Prove personal protective equipment (PPE) such as helmets, gloves, and safety boots</li> <li>Istablish designated walkways to avoid hazardous terrain</li> <li>Monitor weather conditions for changes that may impact site stability</li> <li>Employ the buddy system for enhanced safety during assessment</li> <li>Ensure emergency communication devices are readily available</li> <li>Implement barricades or barriers around unstable areas</li> <li>Engage geotechnical expertise for assessment of high-risk zones</li> <li>Limit access to high-risk areas to essential personnel only</li> </ul>	2М
3. Equipment Setup	Electrical shock, Equipment fall	ЗH	<ul> <li>Ensure all equipment is set up on stable and level ground</li> <li>Verify electrical connections are compliant with safety standards</li> <li>Use non-slip mats under equipment as needed</li> <li>Secure all loose cables and wires to avoid tripping hazards</li> <li>Conduct a test run of all equipment to ensure proper functioning</li> <li>Implement secure fastening techniques for heavy equipment</li> <li>Have qualified personnel oversee equipment setup</li> <li>Conduct regular drills on electrical safety protocols</li> </ul>	1L



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			- Ensure easy access to circuit breakers for quick shutdown	
			- Provide comprehensive training on equipment handling and setup	
4. Calibration	Inaccurate readings, Overheating of device	2M		1L
5. Scanning Initiation	Exposure to high technology, Improper scanning technology	A		2M
6. Data Collection	Data corruption, Loss of data	ЗН		1L



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7. Equipment Shutdown	Burns from hot equipment, Electric discharge	2М		1L
8. Data Analysis	Misinterpretation of data Software errors	ЗН		1L
9. Report Generation	Inaccurate reporting, Data breach	ЗН		2M



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10. Equipment Maintenance	Mechanical failure, Chemical spills	4A		2M
11. Review and Feedback	Incomplete feedback, Bias In improvement processes	2М		1L
12. Demobilisation	Logistics mishaps, Loss of equipment	ЗН		2M



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13. Post-Project Evaluation	Ineffective follow-up actions, Information loss	2М		1L
14. Client Debrief	Miscommunication, Breach of confidentiality	ЗН		2M
15. Continuous Improvement Planning	Stagnation in methodologies, Oversight in risk mitigation	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 REF	ERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISL	ATIVE 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: 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	Victoria Occupational Health at Safety Act and 4 Occupational Health and onfety or gulations 2017 Legistron VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- rulations</u> or des of chactice VIC <u>autps://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: <a href="https://www.safework.nsw.gov.au/legal-obligations/legislative">https://www.safework.nsw.gov.au/legal-obligations/legislative</a> Codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/legal-obligations/legislative</a>	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: <u>https://worksafe.nt.gov.au/laws-and-compliance/weicplace-serve-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/weicplace-serve-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/weicplace-serve-laws</u>	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_laces/codes-of-practice#COPs</u> Tasmania	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
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: <u>https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations</u> Codes of Practice for TAS: <u>https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice</u>	<ul> <li>Managing the risk of falls at workplaces</li> <li>Hazardous manual tasks</li> <li>Managing the risk of falls in housing construction</li> <li>Managing electrical risks in the workplace</li> <li>Demolition work</li> <li>Excavation work</li> <li>Work health and safety consultation, cooperation and coordination</li> </ul>
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.	<ul> <li>Work health and safety consultation, cooperation and coordination</li> <li>Managing the work environment and facilities</li> <li>How to manage work health and safety risks</li> <li>Managing risks of plant in the workplace</li> <li>Construction work</li> </ul>