

## Brick Wallbank Press Risk Assessment

Business Name:	ABN:	
Business Address:		
Contact Person:	Phone:	Email:

## THIS RISK ASSESSMENT IS APPROVED BY THE PCBU ON THE PROJECT

Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (PCBU) is required to ensure that a RISK ASSESSMENT is prepared before the proposed work starts.

Full Name:		
Signature:	Title:	Date:

## CLIENT OR PRINCIPAL CONTRACTOR DETAILS

Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date Risk Assessment supplied to Project Manager:	

RISK MATRIX									
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HIERARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE			<b>Elimination</b> Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED	<b>Substitution</b> Replace the hazard.	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review before work starts.	Isolation Isolate People from the hazard	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	<b>Engineering</b> Isolate the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records.	<b>Administrative</b> Change	
								<b>PPE</b>	

### Risk Rating & Required Action:

4A	Stop work. The risk is intolerable. Eliminate the hazard or redesign the activity before proceeding. A Safe Work Method Statement (SWMS) or higher-level authorisation is required.
3H	Review and approve additional controls before task starts. Senior supervisor sign-off needed.
2M	Ensure all nominated controls are in place and effective. Proceed with caution; monitor conditions.
1L	Proceed, following standard operating procedures. Monitor and keep records.

### Consequence Scale:

Consequence	People (injury/illness)	Project / Assets	Compliance / Reputation
Catastrophic	Fatality or permanent total disability	project shutdown	Significant regulator intervention; criminal prosecution
Major	Serious injury/illness (hospital > 5 days)	critical delay	Improvement notice; major media coverage
Moderate	Medical-treatment injury; lost-time > 1 day	moderate delay	Minor breach; adverse client comment
Minor	First-aid only, no lost time	negligible delay	Isolated non-conformance
Insignificant	No injury	no schedule impact	Deviation caught and corrected on site

### 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

Always document **why** a lower-order control is accepted if elimination or substitution is not reasonably practicable.

*aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.*

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. Site Preparation	Uneven surface, Obstructions	3H	<ul style="list-style-type: none"> <li>- Conduct site inspection to identify hazards.</li> <li>- Remove any unnecessary obstructions.</li> <li>- Level the ground where possible.</li> <li>- Signage to warn about uneven surfaces.</li> <li>- Train workers on site-specific risks.</li> <li>- Use temporary flooring in very uneven areas.</li> <li>- Ensure good lighting is available to see obstacles.</li> <li>- Limit non-essential personnel from the site.</li> <li>- Provide personal protective equipment (PPE).</li> <li>- Use high visibility markers for obstacles.</li> </ul>	2M
2. Inspect Equipment	Faulty machinery, Missing guards	4H	<ul style="list-style-type: none"> <li>- Conduct pre-use inspections of all equipment.</li> <li>- Ensure all guards and safety devices are in place and functional.</li> <li>- Regular maintenance schedule for all equipment.</li> <li>- Train workers on equipment inspection.</li> <li>- Report and tag out faulty equipment immediately.</li> <li>- Store equipment manuals and safety instructions nearby.</li> <li>- Maintain an inventory of inspection records.</li> <li>- Verify all electrical connections are secure.</li> <li>- Confirm power tools have valid test tags.</li> <li>- Use only equipment approved by the manufacturer.</li> </ul>	3H
3. Material Handling	Manual handling strains, Falling objects	3H	<ul style="list-style-type: none"> <li>- Use mechanical aids wherever possible.</li> <li>- Train workers on correct manual handling techniques.</li> <li>- Limit weight of what workers manually lift.</li> <li>- Store materials at accessible heights.</li> <li>- Secure all loads before moving.</li> <li>- Install barricades to protect against falling objects.</li> <li>- Implement a buddy system for heavy loads.</li> <li>- Ensure an adequate number of handlers.</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
			<ul style="list-style-type: none"> <li>- Regularly review handling procedures.</li> <li>- Provide PPE, such as gloves and helmets.</li> </ul>	
4. Brick Laying	Incorrect posture, Brick dust inhalation	3H	<ul style="list-style-type: none"> <li>- Use proper lifting techniques to avoid back strain.</li> <li>- Wear a dust mask to prevent inhalation of brick dust.</li> <li>- Maintain a clean work area to reduce dust.</li> <li>- Use a hose to clean up dust immediately.</li> <li>- Take regular breaks to stretch and rest.</li> <li>- Ensure adequate ventilation in the workspace.</li> <li>- Use a vacuum cleaner to remove dust from the work area.</li> <li>- Wear safety glasses to protect eyes from dust.</li> <li>- Use a broom to sweep dust away from the work area.</li> <li>- Avoid carrying heavy loads for long periods.</li> <li>- Use a trowel to apply mortar to reduce dust.</li> <li>- Wear gloves to protect hands from dust and mortar.</li> <li>- Use a respirator if dust levels are high.</li> <li>- Keep the work area well-ventilated.</li> <li>- Use a wet brush to clean up dust.</li> <li>- Avoid dry sweeping dust.</li> <li>- Use a dust sheet to cover materials.</li> <li>- Wear a cap to prevent dust from entering the hair.</li> <li>- Use a dust mask that covers the nose and mouth.</li> <li>- Avoid talking or coughing into the air.</li> <li>- Use a dust mask that is properly fitted.</li> <li>- Avoid wearing jewelry that can catch dust.</li> <li>- Use a dust mask that is suitable for the task.</li> <li>- Avoid wearing loose clothing that can catch dust.</li> <li>- Use a dust mask that is comfortable to wear.</li> <li>- Avoid wearing makeup that can catch dust.</li> <li>- Use a dust mask that is easy to use.</li> <li>- Avoid wearing contact lenses while working with dust.</li> <li>- Use a dust mask that is suitable for the duration of the task.</li> <li>- Avoid wearing a mask that is too tight.</li> <li>- Use a dust mask that is suitable for the environment.</li> <li>- Avoid wearing a mask that is too loose.</li> <li>- Use a dust mask that is suitable for the task and environment.</li> <li>- Avoid wearing a mask that is not suitable for the task.</li> <li>- Use a dust mask that is suitable for the task and environment.</li> <li>- Avoid wearing a mask that is not suitable for the task.</li> </ul>	1L
5. Mortar Mixing	Chemical exposure, Slips from spills	3H	<ul style="list-style-type: none"> <li>- Wear protective gloves and clothing to prevent skin contact with chemicals.</li> <li>- Use a spill kit to clean up any spills immediately.</li> <li>- Avoid breathing in fumes or dust from the mortar.</li> <li>- Use a respirator if fumes are present.</li> <li>- Keep the work area clean and free of clutter to prevent slips.</li> <li>- Use a broom to sweep up any spilled mortar.</li> <li>- Wear safety shoes to protect feet from falling objects.</li> <li>- Use a dust mask to prevent inhalation of dust.</li> <li>- Avoid carrying heavy loads to prevent slips.</li> <li>- Use a trowel to mix mortar to reduce dust.</li> <li>- Wear gloves to protect hands from mortar.</li> <li>- Use a respirator if dust levels are high.</li> <li>- Keep the work area well-ventilated.</li> <li>- Use a wet brush to clean up dust.</li> <li>- Avoid dry sweeping dust.</li> <li>- Use a dust sheet to cover materials.</li> <li>- Wear a cap to prevent dust from entering the hair.</li> <li>- Use a dust mask that covers the nose and mouth.</li> <li>- Avoid talking or coughing into the air.</li> <li>- Use a dust mask that is properly fitted.</li> <li>- Avoid wearing jewelry that can catch dust.</li> <li>- Use a dust mask that is suitable for the task.</li> <li>- Avoid wearing loose clothing that can catch dust.</li> <li>- Use a dust mask that is comfortable to wear.</li> <li>- Avoid wearing makeup that can catch dust.</li> <li>- Use a dust mask that is suitable for the duration of the task.</li> <li>- Avoid wearing a mask that is too tight.</li> <li>- Use a dust mask that is suitable for the environment.</li> <li>- Avoid wearing a mask that is too loose.</li> <li>- Use a dust mask that is suitable for the task and environment.</li> <li>- Avoid wearing a mask that is not suitable for the task.</li> <li>- Use a dust mask that is suitable for the task and environment.</li> <li>- Avoid wearing a mask that is not suitable for the task.</li> </ul>	2M
6. Scaffold Erection	Fall from height, Scaffold collapse	4A	<ul style="list-style-type: none"> <li>- Use proper climbing techniques to avoid falls.</li> <li>- Wear a safety harness and fall arrest system.</li> <li>- Ensure the scaffold is properly erected and stable.</li> <li>- Avoid overloading the scaffold.</li> <li>- Use a safety net to catch any falling objects.</li> <li>- Use a broom to sweep up any debris.</li> <li>- Wear safety shoes to protect feet from falling objects.</li> <li>- Use a dust mask to prevent inhalation of dust.</li> <li>- Avoid carrying heavy loads to prevent falls.</li> <li>- Use a trowel to mix mortar to reduce dust.</li> <li>- Wear gloves to protect hands from mortar.</li> <li>- Use a respirator if dust levels are high.</li> <li>- Keep the work area well-ventilated.</li> <li>- Use a wet brush to clean up dust.</li> <li>- Avoid dry sweeping dust.</li> <li>- Use a dust sheet to cover materials.</li> <li>- Wear a cap to prevent dust from entering the hair.</li> <li>- Use a dust mask that covers the nose and mouth.</li> <li>- Avoid talking or coughing into the air.</li> <li>- Use a dust mask that is properly fitted.</li> <li>- Avoid wearing jewelry that can catch dust.</li> <li>- Use a dust mask that is suitable for the task.</li> <li>- Avoid wearing loose clothing that can catch dust.</li> <li>- Use a dust mask that is comfortable to wear.</li> <li>- Avoid wearing makeup that can catch dust.</li> <li>- Use a dust mask that is suitable for the duration of the task.</li> <li>- Avoid wearing a mask that is too tight.</li> <li>- Use a dust mask that is suitable for the environment.</li> <li>- Avoid wearing a mask that is too loose.</li> <li>- Use a dust mask that is suitable for the task and environment.</li> <li>- Avoid wearing a mask that is not suitable for the task.</li> <li>- Use a dust mask that is suitable for the task and environment.</li> <li>- Avoid wearing a mask that is not suitable for the task.</li> </ul>	2M

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7. Trowel Use	Lacerations, Repetitive use injuries	3H		2M
8. Mixing Equipment Operation	Mechanical entanglement, Electrical shock	4A		2M
9. Brick Transportation	Tripping, Load dislodgement	3H		1L

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10. Waste Management	Waste build-up, Sharp waste items	3H		1L
11. Demolition Activities	Asbestos exposure, Uncontrolled collapse	4A		2M
12. Crane Operation	Load swing, Crane overturn	4A		2M

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13. Electrical Work	Electrical shock, Fire hazard	4A		2M
14. Concreting	Skin irritation, Cement burn	3H		2M
15. Packing Up Worksite	Tripping hazards, Unsecured materials	3H		1L

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			<div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	

SAMPLE



## 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 IF ANY STATE THAT 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 and Safety Act 2004

Occupational Health and Safety Regulations 2017

Legislation VIC: <https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-regulations>

Codes of Practice VIC: <https://www.worksafe.vic.gov.au/compliance-codes-and-codes-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/legislation>

Codes of Practice NSW: <https://www.safework.nsw.gov.au/resource-library/list-codes-of-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>

### Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulations 2011

Legislation NT: <https://worksafe.nt.gov.au/laws-and-compliance/workplace-safety-laws>

Codes of Practice NT: <https://worksafe.nt.gov.au/laws-and-compliance/codes-of-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

### 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/workplaces/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.