

# Pedestrian Bridges

### Hazard and Risk Assessments

Before using this equipment, the job you are doing must be assessed for foreseeable hazards and risks and appropriate measures to eliminate, control or reduce those risks must be taken before you commence work.

### Suggested PPE (Personal Protective Equipment):



Protective Gloves

Protective Footwear

Hard Hat

Eye Wear

Note: PPE must be suited to the risks and person(s) using the equipment.

### Safety Instructions:

- Operating Instructions** – Before using this equipment ensure you have read the ‘Operating Instructions’ and taken note of the ‘Hazards and Risks’ detailed on this instruction sheet and taken all necessary steps to prevent injury.
- Personal Protective Equipment** – Use appropriate personal protective equipment for the job.
- Installation Advice** – The safe use and application of this equipment must be in accordance with AS3610, the Occupational Health and Safety Act, approved Codes of Practice and any other regulatory requirements. Consultation with a qualified engineer is advised.

#### HAZARD: Risk of Collapse, Crushing or Falling

... Incorrectly installed or bridge could cause movement and result in personnel falling causing serious injury.

... Ensure landing points and transitions are on solid footings.

... For pedestrian use only.

### Inspection

The designated competent person will inspect all components of the pedestrian bridge prior to use, as well as daily and when changes in job site conditions require. Any damaged, defective or inadequate components shall be repaired or replaced.

### Safety Recommendations

- A competent person needs to understand the regulations relating to OH&S and the Excavation Code of Practice and determine proper protective system requirements.
- Ensure that all personnel are wearing proper personal protection equipment when installing and dismantling.
- Always make sure lifting equipment is adequate for the task and meets OH&S requirements. Please note that tie-down chains and other improvised slings are not appropriate as lifting devices.
- Pedestrian bridges come in various sizes and are used to gain temporary access for pedestrian on construction sites, road work sites and excavation sites.
- Their use must be planned and authorised by a competent person to confirm that the pedestrian bridge is suitable for the intended application.
- Pedestrian bridges are not suitable for vehicular traffic they are designed for pedestrian traffic only.
- Pedestrian bridges must not be overloaded beyond stated capacity, or used over a greater span than they were designed for.
- The pedestrian bridge needs to be fixed into position by suitable means preventing it from moving.
- Always make sure the pedestrian bridge is only lifted by its lifting points as mishandling could damage the aluminium components or cause bridge to fall.
- Pedestrian bridge installation must not present a hazard to prams, cyclists and pedestrians.
- Always check on the regulations and OH&S requirements relating to the application the bridge is being used for.
- If you need further information, advice or any other help with this product, please contact your nearest Shore Hire office.

## Operating and Safety Instructions

[www.shorehire.com.au](http://www.shorehire.com.au)

### Installation

1. Measure bridge to ensure that the supporting surface/footing are in the correct location.
2. Support surface/footing on each end shall be smooth and hard (concrete, asphalt or compacted hard ground).
3. Do not place bridge onto metal or slippery surface, use timber packers if necessary.
4. Using approved lifting device, lift Shore Hire pedestrian bridge into position, then remove lifting chains.
5. Insert hand rails.
6. Ensure transition from bridge ramps to adjacent ground is suitable, taking into account: pedestrians, wheelchairs, prams and cyclists.

### Dismantling Instructions:

1. Remove hand rails.
2. Using approved lifting device, lift bridge out of position and place in a safe area.
3. Repair surrounding site area.



### RISK ASSESSMENT (1= HIGH RISK, 5 = LOW RISK)

Risk(Ranking)	Description	Control
1	Installing pedestrian bridges on unstable/shifting ground could cause bridge to move.	Always ensure bridges are anchored or locked into position.
1	Overloading bridges could cause bridge to collapse.	Strictly follow rated capacity advice. Pedestrians only, no vehicles.
2	Installing bridges without following operating instructions may cause bridge to fail.	Adhere to operating instructions to ensure bridges are installed correctly.
4	Hand rails are to stop pedestrians from falling off bridge and causing injury or death.	Install handrails.
1	Dropping units, trapping feet or mishandling can cause injury.	Follow safety procedure and safety instructions, wearing PPE at all times.