

Health and Safety Solution

Workplace Health and Safety Queensland

Separating forklifts and workers

What is the problem?

Workers are at risk of being injured if workplaces do not take adequate measures to separate forklifts and pedestrians.

What are the risks?

Even at low speeds forklifts can cause serious injuries and fatalities. Not separating forklifts and pedestrians can result in injuries to forklift operators as well as to pedestrians, who can be crushed against a wall, object or another vehicle.

What is a solution to the problem?

Having an adequate traffic management system for managing forklift and pedestrian movements will reduce the risks of forklift related injury.

Options for physically separating forklifts and pedestrians include:

- **Elevated walkways**
Where possible, pedestrians should be completely segregated from plant or vehicular traffic using elevated walkways.
- **Barriers**
Installing physical safety barriers and containment fences will separate pedestrians from forklifts and other mobile plant. This allows forklift operators to clearly see exclusion zones and pedestrian access points in the workplace.



Elevated walkway



Barrier system combined with a pedestrian crossing

- **Dedicated waiting areas**
Where possible, workers should not access loading/receiving areas when forklifts are in operation. Creating dedicated waiting areas for truck drivers will help to prevent accidents between forklifts and pedestrians while unloading occurs.
- **Pedestrian calming**
A process should be implemented to prevent workers from walking across designated forklifts areas. Using inward opening gates as part of a barrier system creates an understanding that workers need to stop and take notice of vehicle movements before crossing the designated traffic area.

Further information

For further information, call the Workplace Health and Safety Infoline on 1300 369 915 or visit www.worksafe.qld.gov.au

More information about forklift safety is available in [Forklift safety – reducing the risks](#).

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Loading/receiving area with truck drivers physically separated from forklifts



Barrier system in combination with pedestrian gates

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