



# Safety Share

## Guardrails

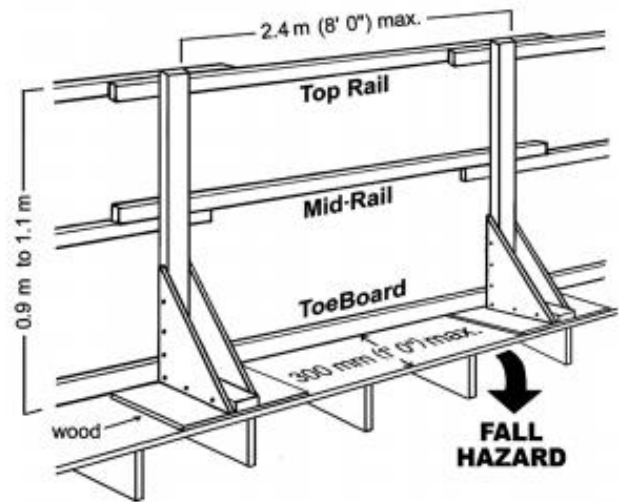
A guardrail is a type of fall protection intended to stop a worker from unintentionally stepping off an elevated work space and falling to a level below.

Guardrails must be installed:

- Where an open-sided floor, working platform, runway, walkway or balcony is over 1.22 metres (4 feet) above the existing floor or ground level.
- On walkways over open tanks containing harmful substances or over open tanks 1.22 metres (4 feet) or more in depth.
- On scaffolds over 1.22 metres (4 feet) and over a surface or thing that could cause injury to a worker.

Guardrails must also:

- Completely surround the hazard.
- Be secured to prevent movement.
- Include detour guardrails next to stairs, dangerous traffic or other hazards
- Include a top rail between 0.9 to 1.1 metres (2 feet 11 inches to 3 feet 7 inches) in height
- Include a mid rail between the top and working surface.
- Include toe boards at least 10 centimetres (4 inches) high over machinery and work area
- Be inspected before use, daily and following modification.



**Important:** When installing a guardrail, workers must use fall arrest or a travel restraint system if at risk of falling.