

# Fact sheet

## Control plan – mechanical engineering control plan – person falling

April 2025

The Resources Regulator has developed a broad-brush risk assessment and a program of bowties to review principal hazard and control plan topics.

The bowtie program identified the material unwanted events (MUE) and critical controls to prevent serious injury or death of mine workers.

The bowtie for the mechanical engineering control plan (MECP) identified 6 MUEs and the critical controls for assessment programs. This fact sheet provides information related to the assessment program focussing on the MUE – person falling.

## Control plan – mechanical engineering control plan

### MUE – person falling

### MUE critical controls

The Regulator’s assessment program will focus on the following critical controls to prevent serious injury or death caused by a person falling:

- Fall prevention devices.
- Work positioning systems.
- Fall arrest systems.
- Access to edge restricted (e.g. stand-off distance maintained).
- Emergency response.



### Considerations

Mine operators should consider the material unwanted events above as a minimum and ensure that the review of critical controls to prevent serious injury or death is included within the site mechanical engineering control plan and associated documentation.

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Other relevant safety alerts, safety bulletins and safety information resources published by the Resources Regulator or SafeWork NSW:

Date published	Reference	Title
2025 Various event dates	Small mines road shows	<a href="#"><u>NSW Resources Events</u></a> Safe management and use of working at height equipment
August 2023	Compliance priority report small mines	<a href="#"><u>Compliance priority report – working from heights – small mines August 2022 to April 2023</u></a>
February 2023	NSW code of practice	<a href="#"><u>Code of practice – mechanical engineering control plan</u></a>
September 2021	Safety alert	<a href="#"><u>Safety alert SA21-08 Proper design, construction, inspection and use of scaffolding</u></a>
February 2020	Investigation information release	<a href="#"><u>Investigation information release IIR20-05 Worker seriously injured from fall</u></a>
June 2021	Safety alert	<a href="#"><u>Safety alert SA21-06 Worker knocked off ladder</u></a>
August 2019	NSW Code of Practice	<a href="#"><u>SafeWork NSW Code of Practice – Managing the risk of falls at workplaces</u></a>
March 2017	Safety alert	<a href="#"><u>Safety alert SA17-02 Fall from height risk</u></a>

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