

Fact sheet

Control plan – mechanical engineering control plan – unplanned movement of person in workbox or MEWP or integrated tool carrier or crane box

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 about the assessment program focussing on the MUE – unplanned movement of person in workbox or mobile elevated work platform (MEWP) or integrated tool carrier (IT) or crane box.

Control plan – mechanical engineering control plan

MUE – unplanned movement of person in workbox or MEWP or IT or crane box

MUE critical controls

The Regulator’s assessment program will focus on the following critical controls to prevent serious injury or death caused by unplanned movement of person in workbox or MEWP or IT or crane box.

- Equipment design, construction and operation within limits.
- Fall prevention with secure point of attachment.
- Stabilisation devices (where applicable).
- Maintain sufficient distance between fixed structures and platform/worker.

Considerations

Mine operators should consider the MUEs above as a minimum and ensure 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
April 2024	Safety bulletin	<u>Safety bulletin SB24-02 LHD crowd cylinder failures – potential worker injuries</u>
February 2023	NSW code of practice	<u>NSW code of practice – Mechanical engineering control plan</u>
December 2022	NSW code of Practice SafeWork NSW	<u>Code of practice – Managing the risks of plant in the workplace</u>
January 2019	Safety alert	<u>Safety alert SA19-01 Elevated workbox falls from a loader</u>
2017	Fact sheet	<u>Fact sheet: Human factors in mining</u>
August 2015	Investigation report	<u>Investigation report: Report into the death of Mark Daniel Galton at Boggabri Coal mine on 21 May 2014</u>
May 2015	Safety bulletin	<u>Safety bulletin SB15-03 Collisions of mobile elevated work platforms increase</u>

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