



### TITLE/SUBJECT:

Crane Lifting Operations – Falling object from height

**Type:** Fall of object from height, dangerous occurrence.

### LOCATION

Muswellbrook Bridge Project NSW (Abutment 2)

### BRIEF DESCRIPTION

On July 23<sup>rd</sup> at approx. 10.15am during works set up, a 150T mobile crane was in the process of lifting chains, when a guide bar has fallen 10 metres to the ground landing approximately 4 metres from the closest workers.



Photo indicates the guide bar that fell 10m and the position where it landed.

During the lifting operation the crane block has over lifted and contacted the boom of the crane and has struck a guide bar that spans across the cable rollers. This resulted in the guide bar, which weighed approximately 1kg, shearing from the boom and falling.

Approved by: Mark Blackmore GM Safety & Environment

Applicability: High Risk Construction

Issued by: Name, Title

HSE Category: Safety

Date Published: 26 July 2021

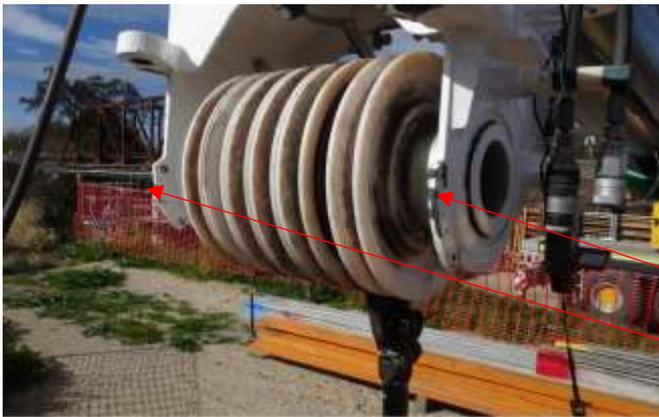


Photo indicating damage to the guide bar brackets

Initial investigation has identified that a two-block safety device that prevents the crane block from contacting the boom had been disengaged in the previous shift, for training purposes. The safety device had not been re-engaged prior to the day's set up activity.

Following the incident, work at the site was stopped, Comcare was notified and the Crane was tagged out of service.

## ACTION REQUIRED

This dangerous occurrence is a reminder that the following controls need to be implemented;

- Pre-work briefs should include discussion on potential hazards and controls
- Plant pre-start checks should be carried out on plant items prior to commencement of the activity
- Non-compliant plant should be tagged out of service
- Exclusion zones should be identified and implemented
- Supervisors need to validate controls as identified in the Safe Work Method Statement are implemented on site.

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