

## Insecure Roof of Milling Machine

CAMs # 386845

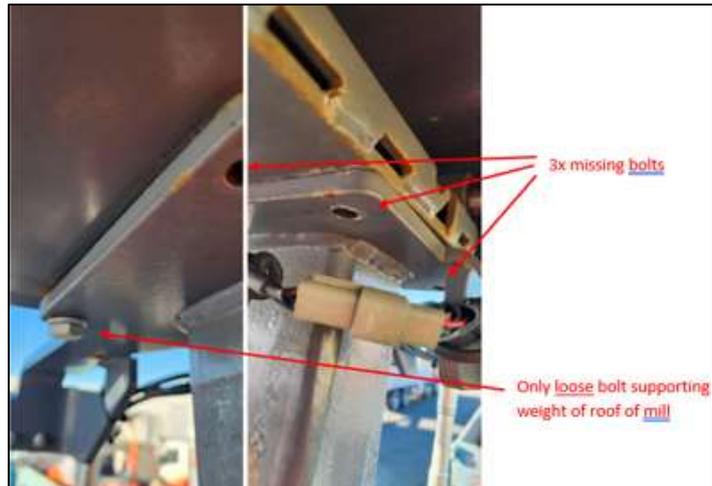
### 1. Relevance

This alert is important for our workshop, transport, paving and milling teams. A copy should also be given to our subcontractors who do similar work for us.

### 2. Incident

The small milling machine (below) had not been used for some time, so the operator completed a thorough prestart check. As part of this, he noticed that the roof was only being held in place by 1 loose bolt. It was not a requirement of the pre-start to check the bolts, but the operator knew of an incident with a previous company where the canopy had collapsed causing severe injuries.

The roof weighs up to 150kg. If the roof fell on somebody, or fell off during transport, this could have caused a serious injury or worse.



### 3. Contributing Factors

It is assumed, due to the nature of the work and design, that the bolts had vibrated out over time.

### 4. Mandatory Requirements

Can our workshop, transport, paving and milling departments please:

1. Check roofs are secure.
2. Refit bolts with Loctite and a shake proof washer.
3. Can relevant Project Managers please share this alert with their subcontractors.

NB: This check has been added to our workshop PAM 90 checks and shared with the manufacturer.

### 5. Revision History

| Date       | Author    | Brief Description of Change |
|------------|-----------|-----------------------------|
| 29.06.2023 | A Tomchuk | Drafted Document            |
| 03.07.2023 | T Talbot  | Reviewed                    |
|            |           |                             |
|            |           |                             |

## 6. Closeout Requirements

Please discuss this Red Alert with your teams, complete the items below and return to your Safety Manager. They will collate all responses for the business unit and send a single confirmation to the HSQES Analyst at [nzincident@fultonhogan.com](mailto:nzincident@fultonhogan.com) before 18 August 2023

6.1. What date was this Red Alert communicated to the workplace: \_\_\_\_ / \_\_\_\_ /20 \_\_\_\_

6.2. Could this incident occur in your Region/Project? (Circle your answer below)

**YES**      If Yes, please answer questions 5.3 & 5.4  
**NO**        If No, please answer question 5.5

6.3. Have all the actions and recommendations been implemented? (Circle your answer below)

**YES**      If Yes, please answer question 5.4  
**NO**        If No, please answer question 5.5

6.4. Are these measures sufficient to eliminate or reduce the risk of an incident (or similar) described in the alert from happening again? (Circle your answer below)

**YES or No**

If No, please raise a CAM's case listing the required actions and accountabilities to be taken in order to eliminate or reduce the risk. Record the CAM's number below:

**CAMs Case Number:** CAMs-\_\_\_\_\_

6.5. Please note the reasons why this incident could not occur within your region / project?

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In signing this document, I confirm that the actions above have been completed in this region/project.

Region / Project: \_\_\_\_\_

Region / Project Manager Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_