



# Safety Alert

## Tyrehandler Safety Precautions

The following wording has been taken from a QLD Government Natural Resources and Mines Safety Alert No 138, issued 27/10/2005. For full details, please go to [www.nrm.qld.gov.au/mines/inspectorate/safety\\_alerts](http://www.nrm.qld.gov.au/mines/inspectorate/safety_alerts)

**Incident:** *“A wheel was being fitted to the right hand inner side (position 5) of a coal hauler prime mover when the shift cylinder failed, allowing the tyre clamping forks to open, dropping the wheel to the ground.*

*At the time of the incident the tyre fitter was between the forks and the wheel being fitted and fortunately was not injured due to the wheel being held in the upright position by its top edge”.*

The root cause was attributed to the shift cylinder failing while holding the tyre, thus allowing the tyre to drop the wheel to the ground and into the space between the machinery arms thereby exposing the tyre serviceman to being crushed by the tyre.

### Actions:

There are two key recommendations in the ‘Government Safety Alert’ that all Klinge personnel must abide by. The following is provided to reiterate Klinges approach and solution to manage these specific risks.

1. *“Careful inspection of equipment in service and instigation of a check system to be undertaken by the tyre fitter on each occasion prior to using the equipment.”*

This can be achieved by carrying out daily prestart checks, as well as using the Klinge tyrehandler prestart check sheet and completing all required checks prior to use.

2. *“Review the possibility of removing the person from between the wheel and the tyre handler, by such means as cameras or laser technology.”*

Klinge Safe Work procedures provide the following advice through each procedure.

**Do not stand between the tyre hands until the tyre handler has clamped the tyre and is it safe to do so.**

**The tyre servicemen must be standing outside the tyre hands and in clear view of the operator, before removing the wheel off the hub.**

Adoption of the steps above will limit the exposure to tyre service personnel.

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### *‘Klinge Safe Tyres Produce More & Last Longer’*

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