



# 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.

Tilman Rasche

Manager – Global Risk & Business Improvement 11/10/05 Safety Alert42 tyrehandler safety incl disclaimer1.doc

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

*The information provided on this website is intended for information only and of bringing the existence of potential problems to your attention and to advise you of solutions which we have adopted. We do not warrant that any solutions that we have adopted are infallible, nor do we recommend that you adopt same. If you are concerned about a potential problem and wish to implement a solution, then we recommend you carry out your own research and testing. Expert advice should be obtained before adopting any solution that we have adopted to ensure that such a solution is appropriate and suitable to your needs. Any information provided on this web site is not intended to create any sort of legal relationship between Klinge & Co Pty Ltd and you, nor is it intended that you will rely upon it without obtaining proper professional advice. Klinge & Co Pty Ltd will not be responsible for any loss and damage occasioned, including but not limited to damages for personal injuries or loss of business or other profits, by any person relying on information contained in this website. Klinge & Co does not guarantee that the information on the web site is accurate, reliable, definitive, complete or up to date. Klinge Group may claim legal privilege and common interest privilege in relation to this material.*