



# Safety Alert

## Loose Wheel Assembly

**Incident Description** - A water truck lost its Position 3 wheel assembly. No injury or damage occurred, however the incident had the very real potential to result in serious injury and damage, possibly death of mine personnel.

**Contributing Factors & Likely Cause:** After working his normal dayshift, a tyre serviceman received a callout to replace a flat rear tyre on a water truck. As no matching tyres were available, he decided to replace all four tyres which caused him to remain on the job longer than the allowable working hours standard. The job was completed by a second tyre serviceman on the incoming day shift.

It is likely that **due to fatigue and resultant diminished judgement**, the Position 3 assembly fitted by the first tyrefitter may not have been torqued up correctly causing it to come loose in service.

### Recommendations

1. Extended shifts and callouts must be managed within the sites policy. If in doubt consult your supervisor, **do not continue to work if fatigued**.
2. Ensure you, your work team and your supervisors are well aware of the site's hours of work policy and adhere to it at all times.
3. If you notice any sign of fatigue in your workmate, stop and provide assistance, importantly ensure the person is not allowed to take him/herself home by him/herself.
4. Tasks that are to be completed by the incoming shift must be 'handed over' properly and fully, ideally in person, particularly safety critical tasks such as torquing and inflation must be discussed and clarified (i.e. what was done and more importantly what is still outstanding). Detailed records must be entered into the Shiftbook.
5. Retention tags must be placed by the tyre serviceman as soon as initial torque has been applied, as per Klinge SWP. The tag is to be updated every time as other wheel positions are torqued as per Klinge SWP.
6. On your 'days off', ensure you get sufficient rest, second jobs/ alternative employment outside of normal working hours must be discussed with your supervisor to eliminate or manage possible fatigue.

### *'Klinge Safe Tyres Produce More & Last Longer'*

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7. A healthy lifestyle – sensible nutrition, moderate consumption of alcohol, elimination of so called ‘recreational drugs’, and regular exercise will assist in making your body better prepared for the effects of daily life.
8. **Working beyond normal work hours as set out in the sites’ working hour policy will cause fatigue, and can not be tolerated.**

***Fatigue significantly increases the likelihood for incidents and accidents at the workplace, in transit to & from the workplace, and at home.***

Tilman Rasche, Manager – Global Risk & Business Improvement,

3/3/07, Safety Alert 53 Loose wheel incl disclaimer1.doc

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