



Safety Alert

Loose Tyre drops from Tyrehandler Hands

Incident: A tyre serviceman was manipulating a loose 63” scrap tyre onto a stack of same sized tyres when the tyre he was manipulating dropped clear from the tyrehandler hands.

The tyre ricocheted off the stack, landed on the ground in a vertical position and then rolled into the tyrehandler causing some minor damage to the exterior of the machine. The tyre was damp/wet.

While there was no personnel on the ground, the incident had the potential to cause serious injuries.

The root cause was attributed to the tyre not being gripped firmly enough to prevent it from slipping from the handler.

Actions: The following actions are required to prevent a recurrence of this type of incident.

1. Only competent operators are permitted to operate the tyrehandler.
2. Carry out a prestart inspection of the tyrehandler in line with established proformas and Klinge SWPs. Particular attention needs to be given to ensure the tyre hands and grip buttons of the tyre hand pads are clean.
3. Ensure no personnel is in the direct vicinity of machine and tyre being manipulated.
 - a. **Positive Communication:** the operator of the tyrehandler is to clearly communicate what and how he is going to manipulate the tyres, or other items being handled.
 - b. **Stand Well Clear:** Any persons on the ground must ensure they stand well clear of the machine and be in clear view of the operator at all times while tyres are being manipulated.
4. Tyres must be firmly gripped, and before being moved, the operator should lift the tyre a short distance off the ground and firmly rock it using the hydraulic controls of the machine. The tyre should be held horizontally, and vertically while being rocked to check firmness of the tyrehandler grip.
5. If deemed safe, when carrying the tyre, it should be held horizontally and as low as possible to the ground.
6. Only if necessary rotate the tyre into a vertical position.
7. Wet or muddy tyres are to be treated with extra caution, if unsure scrap stacks should be limited to ‘2 high’, with the third tyre being added once the tyre tread has dried off.
8. Never allow anyone to stand between the tyrehandler hands while loose tyres are being handled.
9. The same precautions need to be adopted when manipulating fitted tyres/wheel assemblies,
 - a. Note: Tyre service personnel may enter the space between the tyrehandler arms if, and only if the assembly has been pushed onto the rim/hub and is held in position securely by the tyrehandler, and the machine operator and tyre serviceman have positively communicated the next task steps with each other.

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

Tilman Rasche

Manager – Global Risk & Business Improvement 01/12/05 Safety Alert43 Tyrehandler Alert incl disclaimer1.doc

‘Klinge Safe Tyres Produce More & Last Longer’

This material is for information only. We (Klinge & Co Pty Ltd) intend to bring the existence of potential problems to your attention and to inform 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 by us in this material or otherwise on this web site is not intended to create any sort of legal relationship between us and you, nor is it intended that you will rely upon it without obtaining proper professional advice. We 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 material or otherwise on this website. We do not guarantee that the information material or otherwise on the web site is accurate, reliable, definitive, complete or up to date. We may claim legal privilege and common interest privilege in relation to this material.