

SAFETY ALERT 95

Finger Injury from Lock Ring

Date of Incident:

26 April 2014

What happened?

Whilst performing a vertical mount on a CAT 797 truck, a TSP who was working alone was at the stage of lock ring removal using tyre levers.

Once the lock ring was out of the groove, the TSP was standing to the side of the rim and guided the lock ring down the face of the assembly with his hand. When the lock ring hit the concrete, it (the lock ring) has nearly fallen and the TSP reached out to stop the lock ring from falling and in the process the lock ring gap has opened up and pinched his right hand ring finger.

The TSP has sustained a 30mm laceration and a fracture to his ring finger.

Contributing Factors:

- Design of single piece lock rings creates a pinch point where the 2 ends overlap
- It was not communicated that the Lock Ring Catcher was available for use (it had been removed for repairs)
- TSP was conducting the lock ring removal process alone
- TSP was trying to stop a lock ring from falling

Recommendations:

- Pinch Points are to be identified by location in personal risk assessments
- Personnel are to keep hands and fingers away from pinch points
- If a Lock Ring Catcher device is not available, then personnel must seek assistance from another person to remove and install lock rings

- Personnel should demonstrate and take individual responsibility and exercise due care and attention when carrying out tasks
- Never try to stop or catch any falling componentry
- Place this Safety Alert on the Site Klinge OHS Noticeboard for a period of 1 month

Should you require anything further, please feel free to give me a call.

Eliminate All Unsafe Acts & Conditions.

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