



SAFETY ALERT 93

Transportation of Lock Rings

49 inch & Above

Date of Incident:

24 December 2013

What happened?

Whilst performing a vertical mount on a CAT 789 truck, a TSP had just used a lock ring catcher to assist in removing a 57' single piece lock ring from the rim. The lock ring was sitting in the cradle and the TSP then lifted the 57' lock ring off the lock ring catcher by himself and placed it on the ground.

It was noted by the TSP that the lock ring was not in good condition and as such it was to be placed in the scrap bin. The lock ring was in front of the TSP and he was holding it with 2 hands and then as he started to roll the lock ring he has gone to transfer the lock ring to the right side of his body and at this point the pinkie finger on his left hand has been caught in the lock ring gap.

As a reflex, the TSP has pulled his hand away and continued to roll the lock ring to the scrap bin. After placing the lock ring in the scrap bin, the TSP has removed his glove and seen the injury to the pinkie finger.



Contributing Factors:

- Design of single piece lock rings creates a pinch point where the 2 ends overlap
- TSP was lifting and transporting the lock ring by himself
- Rolling single piece lock rings
- Working distracted

Recommendations:

- Personnel are to use a mechanical device, such as a forklift, to move or transport lock rings 49 inch and above. (if available)
- If a mechanical device is not available personnel shall utilise a 2 person lift to move and or transport lock rings 49 inch and above. Please ensure correct manual handling techniques are used at all times and the intended path of travel is free of hazards. When using a 2 person lift, please ensure that the body is not twisted/turned, try to keep front on to the lock ring where possible
- NOTE: Should a site have an alternative method of transporting/moving lock rings that they believe is a safe alternative to the 2 dot points mentioned above then the Site Manager/Supervisor is to undertake a risk assessment on this method and forward the risk assessment through to Safety Team for review and discussion. All risk assessments should be sent to the following email address safety@klinge.com.au
- Discuss with the Client the move to 2 piece lock rings to replace single piece lock rings
- 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.

Tanya Hoyle
OHS & Compliance Advisor
Ph.: 0448 030 166