

SAFETY ALERT #96

Wrist Injury – Re-torque

Date of Incident:

18th May 2014

What happened?

A re-torque was being conducted on position 5 of a Liebherr T282 truck with position 6 still attached to the truck. The tyre service person (TSP) started the re-torque at the 9 o'clock position and worked downwards and approx. 20 minutes after starting the task, the TSP has placed the socket onto the nut and applied pressure to the trigger of the torque tool (using his right hand) and the gun has reacted and moved backwards and the TSP's right wrist has contacted the rim of the outside dual.

Injury/Damage:

The TSP sustained an injury to his right wrist.

Contributing Factors:

- Breach of existing Procedure in that the outer position ought to have been removed, rather than conducting a re-torque between the duals of a truck
- Confined/Cramped space
- Incorrect placement of socket onto the nut
- Poor lighting
- No visual contact of the socket placement onto the nut

Recommendations:

- **Under no circumstances are personnel to work between the duals of a truck.** The outside position must be removed.
- Consult your respective machine-specific SWP for task detail.
- When using a torque or rattle gun, personnel are to ensure tooling is fit for purpose, and that the socket is correctly placed on the nut. Visual confirmation shall occur.
- Ensure all tasks are conducted with sufficient lighting. Use of cap lamps, magnetic lights on the rim etc. are advised.

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

Eliminate All Unsafe Acts & Conditions.

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