



Safety alert 03/2013

Collision between 2 overhead travelling cranes pushes scissor hoist over

Background

A crane service technician was seriously injured when he fell 6 metres out of a scissor hoist from which he was working. The technician had raised himself on the scissor hoist to provide repairs to a stopped overhead crane. The crane under repair pushed the scissor hoist over on impact by a second overhead crane operating and in travel on the same runway.

Contributing factors

- The repair work was taking place on a two crane runway.
- Measures were not taken to prevent the second crane contacting the crane under repair.
- The handrail of the scissor hoist had been raised above the crane structure.

Action required

1. Risk assessments need to be carried out prior to commencing repair/service work on a multiple crane runway.
2. Safe work procedures are in place before such work is carried out.
3. Anti-collision equipment should be fitted to prevent contact between cranes on a multiple crane runway.

Further information

- *Australian Standard AS 1418.3:1997 Cranes, Hoists and Winches - Bridge, gantry, portal (including container cranes) and jib cranes.*
- *Australian Standard AS 2550.1:2002 Cranes, Hoists and Winches - Safe use - General requirements.*

Further information can be obtained from the WorkSafe internet site or by contacting customer service on 1300 307 877 or email: safety@commerce.wa.gov.au

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