

Fan Ring Dropped onto Loading Bay Floor.

What happened?

This event occurred when a rotor fan ring weighing 3,975kg was being lifted from a transport frame on a delivery truck using the power-house crane.

The fan ring was the wrong one for this work plan and was loaded upside down.

After preparation for removing the fan unit from the delivery truck, the lift commenced, and the weight of the load shifted causing the fan ring to strike the loading bay floor. A drop of .5m.

Although this was not a significant drop the potential for a more serious incident due to poor management of change in the lifting plan and not adhering to standard procedures had potential to be more serious.

Hydro

What did we learn?

The amended lift plan was not fit for purpose to safely and efficiently perform the lifting task.

Failing to identify the lift change from a 'Regular' lift to a 'Complex' lift the plan was amended in the moment not following a correct risk assessment.

Team believed they were competent to design a new plan.

On further investigation it was also found there was no defined safety exclusion zone - multiple people walked through the lift site.

All changes to safety plans need to be assessed for new risks.

Approved Code of Practice for Cranes must be followed.

