

MANUFACTURING SAFETY ALERT

Ask Yourself
“Could it happen here?”

DESCRIPTION OF EVENT

Near Miss Log Dump Incident

A truck arrived late at the log dump so the employee returned to work to dump the load. Due to low water levels the worker lifted and swung the load instead of dropping directly into the water. The crane with a load limit of 46,000 kg failed and the crane mast dropped and clipped the back of the rear trailer.

The crane recently performed the annual inspection of the crane and the inspection was successful in that the crane was certified for operation. During the incident investigation broken strands were found in the two back guy wires at the base.

The investigation determined that swinging the load in combination with the broken guy wires may have caused the crane to fail.



SUGGESTED ACTIONS

- Ensure that required maintenance inspections and certifications are effectively and appropriately conducted to ensure the safe operation of the equipment. If needed increase the safety factors in the back guys and modify the bases to enable better inspections.
- Ensure that operators are trained in safe operation of the equipment and that safety observations are carried out to confirm safe performance.
- Ensure safe operating procedures identify comprehensive hazard zones and associated processes to keep workers clear of overhead risks, and that safety observations are carried out to confirm operators follow established safe work procedures.
- Create safe zone for truck operators to ensure they are out of the bite if there is a crane failure.

IMPORTANT TAKE AWAY

Ensure annual inspections are performed on all critical safety related controls, equipment and wires.

Provide the inspectors with a review of the incident and get their commitment to inform the operation management if there are critical safety controls that were not inspected appropriately to ensure worker safety.

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