

## Truck Trailer Lifting Chain Failure during Lift

	LifeGuard Ref Number	INC-045697	Actual Rating	A4	Incident Date	15/01/2025
	Alert Number	20-00019	Potential Rating	P3	Site	Mount Maunganui

On 15 Jan2025, at 13.41hrs, a truck trailer was being lifted onto the truck by the C3 trailer lifting excavator. The trailer was fitted with a chain type lifting arrangement with a lifting ring affixed to the chains by Omega shackles. One of the shackle pins has failed during the lift causing the trailer to fall and roll on its side. The trailer bolsters have struck and crushed two orange plastic lane barriers separating the C3 and Qube truck lanes, which protected the trailer from any impact damage.

The truck driver had followed the safe operation procedure and was standing in the designated safety zone at the time of the lift.

The truck and trailer had a current lifting chain LTSC certification expiring 31Jan2025

The Qube truck queuing lane adjacent to the incident site was empty at this time.

Key points:

- Truck drivers must always stand in the designated safety zone before any lifting operations commence
- Lifting equipment certifications must be current and LTSC certification on display, if there is no certification then the trailer must not be lifted
- Periodic inspections of lifting chains for wear must be carried out and any defective components immediately replaced.

Video footage location;

X:\Business Units\Mount Logs\1. Camera Footage\2025\50172 trailer lifting fall



### Immediate actions taken:

- Incident scene frozen and made safe. Truck lifting lane closed.
- C3, trucking company and customer (AVA) notified
- Excavator operator and truck driver drug tested and cleared.
- Operations at adjacent Qube truck queuing lane transferred to PoTL Hewletts Rd gantry
- Truck trailer successfully recovered and transported back to truck depot
- Truck trailer inspected for any mechanical damage and cleared for return to work
- Investigation commenced

### What we want you to know:

Content:

- Truck driver designated safety zones are there for a reason. The driver must always be in the safety zone before lifting commences. This responsibility also sits with the excavator operator carrying out the trailer lift.
- Lifting chains can fail even when within their certification period. Inspections of lifting chains must be carried out at regular intervals to identify wear and replace damaged components immediately.

If you require further information, please contact:

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