

Broken Lift Strap

Description of the Event:

- The incident occurred at the trailer hoist while the truck driver was loading a quad trailer.
- The driver hooked the lift hook to the lift strap and proceeded to lift. As the trailer approached the required loading spot, the trailer fell from the hook.
- The lift strap broke, causing the trailer to fall to the ground. The trailer bounced several times and came to a stop against the safety framework cage.
- The driver was not injured and the trailer was not damaged aside from the lift strap.

Lift Strap Pivot Reach Lift Mechanism



Contributing Factors:

- Inadequate inspection and maintenance
- Front lift strap is susceptible to additional wear and tear due to its location

Suggested Actions:

- Ensure pre-trip and post-trip inspection are up to date
- Ensure lift strap is inspected after unloading and before loading trailer
- Visually inspect lift strap condition at both ends of the pivot mechanism
- Lift strap should be replaced if damaged or corroded
- Ensure maintenance records are up to date





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Main Office: 420 Albert Street, Nanaimo, BC, V9R 2V7 Central BC: 2666 Queensway, Prince George, BC, V2L 1N2 Toll Free: 1.877.741.1060 | bcforestsafe.org