

NZ Safety Alert

Let's work together to keep ourselves and our workers safe.

25 November 2022

Tyre & rim detach from dump truck

While operating a dump truck on a haul road, the position 3 tyre & rim detached from dump truck. The truck was hauling waste on a flat haul road and was approximately 2.5 hours into night shift. No one was injured.

A post-incident mechanical inspection on the truck confirmed that the replacement tyre rim was not prepared correctly by the tyre fitter/mechanics. Grease left on the rim enabled the 52 nuts to come loose from the bolts, causing the tyre and rim to fall off the truck.



[MinEx data](#) on incidents with the potential to cause harm over the 5 years to September 2022 show 29% (1,595) of all incidents involve vehicles of which 756 result from loss of control of a vehicle.

You need to ensure that:

1. Pre-start inspections are conducted on all mobile plant before use on any shift.
2. You review your tyre and rim procedures, including those of contractors, to ensure that all hazards have been identified and controlled.
3. All tyre fitters/mechanics are adequately trained and assessed as competent to work on tyres and rims.

Know of an incident or near miss? Please share the learnings with us.