



Safety Advice 53-2013 (Dec) (NZ) *(Transmission)*

The following Safety Alert courtesy of Transpower concerns failure of a concrete block lifting point. Apart from all other cause considerations, the event underscores the importance of persons maintaining separation from objects being lifted.

The EEA will provide any other post-incident information that becomes available as a supplementary Safety Advice.

The full safety advice follows below.

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Concrete Block Lifting Point Fails

Temporary by-pass installation for Mobile Sub at Murchison Substation

EVENT

Description: During the construction of the temporary by-pass 110kV line at the Murchison substation a 2 tonne concrete block was being positioned onto its cradle when the lifting eye failed. The block fell approximately 400mm to the ground, no injuries were sustained.



IMMEDIATE ACTIONS

Actions taken:

- Work ceased while block was inspected
- The block was moved using the thumb of an excavator and subsequently was utilised to move all the concrete blocks on site.
- All blocks to be inspected, either new blocks will be fabricated or new lifting eyes will be inserted in existing concrete blocks.

Root Cause:

- The lifting eye is generally recessed to allow for stacking, the recessed hole fills with water and corrosion begins.