



Mangahao 33kV Yard Asbestos Contamination

WHAT HAPPENED?

An asbestos assessment was carried out at Mangahao substation on 02/03/2017. The assessor found significant quantities of asbestos board shards within the yard metal. The assessor is confident the fragments contain asbestos, and a sample has been taken for laboratory testing.

The majority of the asbestos material is located within the elevated northern half of the site, with the most heavily impacted area covering approximately 200m².



It appears this material has been in-situ for a long period of time. The asbestos material is very weathered and is in poor condition, with exposed fibres in many cases. The material should **not** generate measurable amounts of airborne asbestos (i.e. <0.01 fibres/ml of air) under normal site use.

IMMEDIATE ACTION TAKEN

- Make necessary personnel aware of the issue.
- Stop all personnel from entering the site until further notice as a precautionary measure.
- Cancel all work that was planned in the 33kV yard for the upcoming 2 weeks. Ongoing restrictions will be reassessed as additional information comes to hand.

ROOT CAUSE

A lack of understanding historically of the potential health effects of asbestos.

LEARNINGS

- Anyone who believes they may have come into contact with asbestos should advise their manager and contact People Direct to understand the process Transpower has put in place to provide support. Email People.Direct@transpower.co.nz or call Lydia Roughan on +64 4 590 6660.
- Always review your working environment on sites for any hazards that can cause harm to personnel.
- The recent asbestos assessments are helping keep our personnel safe.