

To  
Ruapehu Alpine Lifts Limited  
Whakapapa Ski Area  
Private Bag 71902  
NZ-3951 Mt. Ruapehu  
New Zealand

Sterzing, 14.12.2017  
DB/hs

**To whom it may concern:**  
**Position of "derailed" rope under Whakapapa Gondola.**

Dear Sirs,

we have reviewed you request about the possible derailment of cable of the GD10 Whakapapa Gondola on Mount Ruapehu under the combined actions of wind and ice conditions.

First, we wish to confirm that the ropeway will be designed according to the latest New Zealand and European norms, and will be equipped with all the mandatory equipment such as Cable Positioning systems (inductive detectors) and rope catchers, ensuring that the rope cannot derail from the towers.

In addition, we have calculated 2 additional "line design" cases (see attached drawings), showing the position of the cable with a "derailment" of the cable from the towers near the Hut flats (Tower 7 and 8): As you can see, in the worst case conditions (maximum rope lateral distance under maximum wind and ice load), the rope could never reach the constructions, nor even enter the clearances around the buildings.

We hope this will clarify any doubts related to the engineering of the ropeway, and we remain at your disposal for any further information you might need.

Kind regards

