



Safety recommendation no. 17

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Safety deficit	<p>On 29 January 2012, support 17 of the Turren - Schönbüel 4-seater chairlift tipped over during the out-of-service run before commencement of operation. As a result, four chairs in supports 15-16 became jammed. The cable was derailed. The layer of snow which was slowly sliding downhill had compressed support 17 with its base. When the installation was constructed, the overall stability of the substrate for support 17 was not examined; only the local compression below the support. Due to the layer of clayey silt which was encountered, the initial stability of the slope was already low, even without the influence of the support</p>
Safety recommendation	<p>Support 17 should not be constructed in the same position owing to the geotechnical conditions (depth of rock, poor material characteristics of the unconsolidated rock, questionable stability of the slope)</p>
Stage of the implementation	<p>The safety recommendation has been implemented. The capacity of the installation has been reset to 25% of the initial number of chairs. Support 17 is therefore no longer required. The installation's operating permit was suspended by the FOT by its decision of 26 March 2013 because of operational safety deficiencies.</p>
Investigation report concerning the safety recommendation	<p><u>Schlussbericht</u></p>