

Expert audit for the compliance with RAMS-requirements of the Gotthard Base Tunnel



EBP has been mandated to complete an expert review of the RAMS compliance and validation reports that are required to obtain approval for the release and commissioning of electromechanical systems in the Gotthard Base Tunnel.

The electromechanical systems of the Gotthard Base Tunnel include e.g. the ventilation, the air-conditioning system, the track-change gates and the cross-cut gates of the tunnel. These systems need to meet specified requirements in regard to their reliability, availability, maintainability and safety (RAMS). The system designers are responsible to demonstrate that the systems meet the technical requirements based on the EN 50126 European standard. EBP is responsible for the formal audit of the electromechanical systems in order to comply with the guidelines of the Swiss Federal Office of Transport (FOT). The audit verifies if the proof of compliance has been carried out and documented in accordance with the above-mentioned standard. The audit is a condition for the approval of the FOT for all commissioning procedures, e.g. for the pilot operation and the test mode.

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Client

AlpTransit Gotthard AG

Facts

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