



Industrie Service

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Type examination of systems providing protection against unintended movement of the lift car in accordance with EN 81, A 3

Legal background

The amendment of European Standard 81 improves the safety level of lifts. From 1 January 2012 onwards, all lift systems that are placed on the EU market by installation companies must comply with the requirements of amendment A3. The central requirement introduced by A3 concerns a redundant safety system. When a malfunction causes the lift car to move away from the floor with the landing door not in the locked position and the car door not in the closed position, this system must stop the car within 1.20 m and safely keep it stopped. In addition, the stopping accuracy of the car must be +/- 10 mm. If the levelling accuracy of +/-20 mm is exceeded, for example during loading, it must be corrected. This system can be certified by a third party. However, the certification of sub-systems (e.g. only the detecting, triggering and decelerating element) is also possible.

TÜV SÜD Services

TÜV SÜD Industrie Service GmbH is a Notified Body for the Lift Directive and approved to carry out type examination of lifts and model lifts. Type examination in accordance with EN 81, A3, carried out by TÜV SÜD covers the following services:

- Review of the submitted technical documentation (including hazard assessment, drawings etc.)

- Verification that the safety component / system complies with the submitted documentation and the requirements of the standard.
- Completion of the required tests (in accordance with EN 81-1/2, Annex F.8)
- In case of a positive test result: issue of the test report (basis of certificate)

Our experts will issue a separate type examination certificate in accordance with EN 81-1/2 for your respective safety component/system. This provides you with more clarity and with separate documentation of the EC type examination mandatory under the EC Directive and the voluntary type examination in accordance with the standard. If you already hold an EC type examination certificate in accordance with Annex IV of Directive 95/16/EC for the safety component, a corresponding certificate number will be assigned.

Your benefits

As a third-party expert organization, we have in-depth knowledge of both the state of the art and the applicable regulatory requirements. The excellent international reputation of the TÜV SÜD brand ensures that our reports and certificates meet with a high level of acceptance.

TÜV SÜD. Choose certainty. Add value.

TÜV SÜD Industrie Service GmbH

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