



Industrie Service

**Choose certainty.
Add value.**

EC Type Examination of Safety Components as per Lift Directive

A Product Information Sheet by the Lifts and Machinery Business Area

Legal background

In Europe, lift safety components may only be placed on the market if they bear a CE marking and are accompanied by an EC declaration of conformity. Affixing of the CE marking is based on the EC type examination of the safety component plus subsequent checks and tests during manufacturing (Lift Directive 95/16/EC). The following safety components are listed in Annex IV to Lift Directive 95/16/EC

- Devices for locking landing doors
- Devices to prevent cars from falling
- Devices to prevent unchecked upward movements of the car
- Overspeed limitation devices
- Non-linear energy accumulating shock absorbers
- Energy accumulating shock absorbers with damping of the return movement
- Energy dissipating shock absorbers
- Safety devices fitted to jacks of hydraulic power circuits (pipe rupture valves)
- Electric safety devices in the form of safety switches containing electronic components

In connection with the EC type examination, one of the modules addressed in the conformity assessment procedure must be applied to check the so-called conformity of production (CoP):

- Conformity to type by random checking (Module C, Annex XI)
- Product quality assurance system (Module E, Annex VIII)

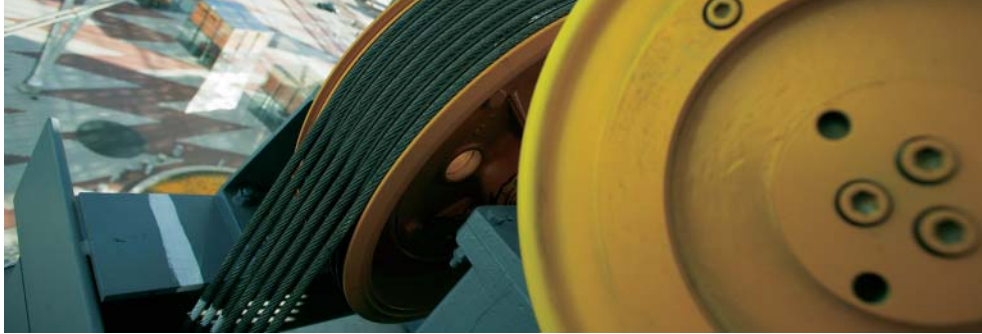
In addition to CE marking, the identification number of the Notified Body checking conformity of production of the safety component must also be affixed.

Our services

TÜV SÜD Industrie Service GmbH is a Notified Body as defined in the Lift Directive. We are accredited for all safety components listed in Annex IV and recognized by the European Commission (Identification Number 0036). Our test laboratory experts carry out EC type examination in line with the Lift Directive, Annex V/A (Module B) of all safety components listed in Annex IV/A.



Industrie Service



www.tuev-sued.com/is

- Review of the technical dossier submitted by you (including but not limited to hazard assessment, drawings, etc.)
- Verification of compliance of the safety components with the submitted documentation
- Performance of the required checks and tests (as per EN 81-1/2, Annexes F.1 to F.7)

Following positive completion of the EC type examination, a detailed test report will be prepared for the manufacturer of the safety component. On the basis of this test report, the accredited Certification Body for Lifts and Safety Components issues an EC type examination certificate for the safety component.

Your benefits

We offer the full range of one-stop conformity assessment procedures for safety components outlined in the Lift Directive. Benefit from our expertise and longstanding experience with lifts and machinery when placing your safety components on the market.

The excellent reputation of the name TÜV SÜD ensures that our reports and certificates will be widely accepted.

Interested in our services? Don't hesitate to contact us. We will also be pleased to prepare a free quotation without any obligation on your part.

TÜV SÜD. Choose certainty. Add value.

TÜV SÜD Industrie Service GmbH
Tel. +49 (0)89 5791-1716 · E-mail: foerdertechnik@tuev-sued.de