



Choose certainty.
Add value.

Lifts and escalators

Solutions that optimise safety,
reliability and cost efficiency.

Your challenges

Operators and manufacturers of lifts, escalators and moving walkways need to satisfy a wide range of regulations, standards and international directives. To ensure the wellbeing and comfort of passengers, your organisation also needs to consider issues of servicing, maintenance, operational availability, quality and safety, balanced with the need to control costs and remain energy efficient. However, in today's talent market, it can be difficult for businesses to find and retain the in-house expertise necessary to optimise cost efficiency while satisfying safety and reliability requirements.

What services does TÜV SÜD provide?

TÜV SÜD provides your business with comprehensive and qualified testing, certification, inspection, consulting and training services for all types of lifts, escalators and moving walkways. Our end-to-end approach helps operators and manufacturers observe all relevant quality standards and order specifications.

Why are these services important for your business?

Our expert testing, certification and inspection services give your business assurance of the availability and marketability of your products. We work closely with you from the very beginning to ensure that lifts and their components are reliable and safe for passenger use, and to avoid damages, lift breakdowns and downtime operations. We help manufacturers to shorten time to market and develop a trusted and reliable brand. For investors, operators and owners, our services offer substantial cost savings.

How can we help you?

TÜV SÜD's range of services gives operators and owners peace of mind in knowing their technical equipment meets safety and legal requirements, as well as service availability expectations of stakeholders. Our experts are qualified to provide testing, certification and inspection in all major markets including the European Lifts Directive, Machinery Directive, North American ASME safety codes, EN standards and other national standards.

Our services for lifts and escalators

We support operators and manufacturers at different stages of the equipment lifecycle, from design to operation.

▪ Advisory services

Our experts provide qualified technical statements based on ADIASYSTEM®. We offer advisory services in developing risk assessment reports, support with tenders, asset depreciation reports, project management and monitoring, expert witness services, incident investigations, expert reports, traffic studies, progress payment verification, and assistance with problematic installations.

▪ Testing, product certification and system certification

TÜV SÜD is accredited to offer lift and escalator certification worldwide, and as a Notified Body in all EU member countries. Our services include energy efficiency measurements or certifications according to VDI 4707 or ISO 25745, function and proof load testing, EC type examination tests and certification of model lifts and all safety components, EC design examinations, as well as auditing and certification of QA systems.

▪ Inspection

We perform inspections according to a variety of standards such as the EN 81 series and technical safety evaluations according to several national safety regulations. Our experts prepare reports on the state of repair and conduct compliance inspections against plans and inspections on standards of maintenance. In addition to reviewing design drawings, circuit diagrams and strength calculations, we conduct structural analysis and provide works completion verification.

▪ Maintenance management support services

To optimise functionality and operational availability, our experts can assist operators with a full scope of maintenance management services, providing technical and commercial support for drafting service level agreements, tendering maintenance portfolios, lifecycle assessment and budget forecasting.

▪ Training

In addition to lift warden training, we provide courses for the application of directives, standards and safety codes.

Your business benefits

- **Extend performance and lifetime** – through expert engineering and impartial consultancy services.

- **Save money** – with optimised solutions for maintenance and modernisation that ensure cost-effective and energy-efficient operations.
- **Ensure safety and availability** – through qualified inspections using modern inspection technology.
- **Minimise risk** – with our wide-ranging expertise in directives, standards and technical legal regulations.

Why choose TÜV SÜD?

As an internationally established brand, TÜV SÜD can support your operations on a global scale. Leveraging our world-class reputation and expertise demonstrates your commitment to safety and reliability.

Our experts actively participate in the development of European and international standards. This ensures they are deeply familiar with the latest technologies and evolving statutory regulations. We have also developed our own computerised measuring system, ADIASYSTEM®, which provides accurate and reliable results for load-substituting measurements.

Choose certainty. Add value.

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and knowledge services. Represented in over 800 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East, Asia and Africa. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

Related services

TÜV SÜD provides the following related services:

- Civil and structural engineering services
- Mechanical, electrical and plumbing (MEP) services
- ISO 9001 – Quality management system certification
- ISO 14001 – Environmental management system certification
- ISO 50001 – Energy management system certification
- OHSAS 18001 – Occupational health and safety management system certification