



Choose certainty.
Add value.

Cranes and machinery

Solutions that ensure compliance with international standards for safety and reliability.

Your challenges

Over the operational lifetime of cranes and machinery, reliability declines while operating and maintenance costs rise. The growing number of international regulations and multitude of machinery types pose challenges for manufacturers and operators. Manufacturers rely on third-party consultancy for regulatory compliance. They also need support to ensure consistent delivery of products. Operators require third-party services for inspections and training in different aspects of machinery operation. A well-defined maintenance and inspection programme can control the entire process while protecting you from risks and liability.

What services does TÜV SÜD provide for cranes and machinery?

TÜV SÜD provides comprehensive and qualified consulting, inspection, testing, certification and training services for all types of cranes as well as related machinery such as hoisting and towing equipment,

forklift trucks, load holding mechanisms, rack feeders, earth-moving equipment, scaffolding, technical stage equipment, car parking systems, mobile elevating work platforms, power-operated doors and gates.

Why are these services important to you?

Manufacturers accelerate time to market with our testing and inspection solutions, while operators prevent accidents with our education and awareness programmes. Our services increase productivity, efficiency and customer satisfaction by avoiding recalls, breakdowns and downtime.

How can we help you?

As an accredited Notified Body, TÜV SÜD supports you in conformity assessment procedures or any other technical challenges. We are qualified to serve the inspection and certification needs of all major global markets, thereby ensuring the safety and productivity of cranes and related machinery.



Our solutions for cranes and machinery

▪ Advisory services

TÜV SÜD supports manufacturers with tenders and technical documentation as well as quality assurance throughout the product lifecycle. We assist in the preparation of risk analyses, risk assessments, operating instructions and declarations of conformity. Our experts also advise on machinery standards and regulations that affect your business.

▪ Testing and product certification

We perform conformity assessment and certification as per noise testing and certification according to Outdoor Directive 2000/14/EC, Machinery Directive 2006/42/EC, regulations and standards such as ISO, EN, ANSI, OSHA, etc. In addition, we offer evaluation of risk analyses and risk assessments, assessment of technical documentation, and type examination of safety components.

▪ Inspection

TÜV SÜD inspects cranes and machinery in accordance with national and international standards. Our inspections cover technical safety evaluation, reports on the state of repair and compliance against plans. We also review design drawings, circuit diagrams, strength calculations and structural analysis.

▪ Training

We offer training courses for crane operators as well as the application of European directives and harmonised standards for machinery.

Your business benefits

- **Optimise performance** – with expert engineering and inspection services that extend your equipment’s lifetime.

- **Minimise risk** – with our broad knowledge of directives, regulations and standards, helping you avoid costly recalls and reduce liability.
- **Improve marketability** – by certifying equipment as per European directives as well as EN, ANSI and ISO standards to develop a trusted and reliable brand.
- **Ensure operator safety** – through competent third-party inspections and awareness training.
- **Gain peace of mind** – with complete support throughout the entire process, from planning to testing and operation.

Why choose TÜV SÜD?

TÜV SÜD is a trusted, independent third-party solutions provider of impartial inspection and assessment services. Our customers can leverage on our world-class expertise in the form of best practices and industry foresight, as well as our outstanding worldwide reputation. As an accredited Notified Body in various countries, we provide premium end-to-end solutions, from development to market placement and operator training. Our experts are members of various technical committees and actively participate in the development of European and international standards, ensuring they are completely familiar with state-of-the-art technology and statutory regulations. We also utilise innovative systems such as eDocX, our web-based logbook, and Endocheck, our endoscopic technique for cost- and time-efficient inspections.

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:

- Lift and escalator services
- Civil and structural engineering services
- Mechanical, electrical and plumbing (MEP) services
- Cableway services
- ISO 9001 – Quality management system certification
- OHSAS 18001 – Occupational health and safety management system certification