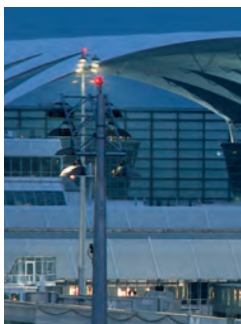




Industrie Service



**Choose certainty.
Add value.**



Every structure makes high demands on developers, designers, investors and construction companies. Investments that pay off call for professional work – from design through to project management.

Single-source solutions near the construction site are essential for this. We offer one-stop solutions ranging from technical consulting to project management.

Civil Engineering

Expert support throughout all project stages

TÜV SÜD Industrie Service GmbH

TÜV®



We minimize risks. Our services are customized to your needs.

REFURBISHMENT AND MODERNIZATION

Refurbishment strategies require cost-effective and permanent remediation of damage. Expert tests and analyses are essential for professional and on-schedule damage remediation to maintain and increase the value of a structure.

- Damage assessment reports
- Construction materials analyses
- Refurbishment strategies and management
- Bills of quantities
- Construction monitoring
- Acceptance/documentation
- Speciality area:
Concrete and facade refurbishment,
asbestos and pollutant removal

CONSTRUCTION MANAGEMENT

We take on project control from initial plans and analyses to acceptance of a structure and optimize individual work steps to ensure a streamlined and on-schedule construction process. Interdisciplinary support ensures efficient single-source control.

- Construction monitoring
- Project management/construction owner representative
- Construction site safety management (OH&S)
- Resident engineering in the field of fire protection

QUALITY AND CERTIFICATES

Quality management as early as in the design stage is the cornerstone of successful construction work. We assist designers and construction companies throughout the individual stages of a project.

Observance of technical regulations and correct implementation of construction steps are coordinated, checked and documented.

Ongoing reviews of the various states of the structures boost construction progress and serve as basis for negotiations.

Certificates are evidence of professional technical design and confirmation of quality.

We offer comprehensive consulting throughout the term of the contract from all the technical departments of TÜV SÜD, such as fire safety, noise protection, facility management and electrical engineering.

- Construction quality control:
 - Residential buildings
 - Commercial buildings and structures
 - Industrial buildings and structures
 - Public buildings and structures
- Acceptances of communal and special property in residential buildings





DaimlerChrysler
Munich branch office
OH&S coordination

CONSULTING AND EXPERT OPINIONS

Preventive consulting and written expert opinions keep track of design, construction work and existing structures.

- Expert reports for insurances
- Expert reports for court proceedings
- Expert reports relating to construction damage
- Snag lists, assessments and securing of evidence
- Refurbishment proposals including cost estimates
- Consulting on construction physics
- Expert reports on noise protection, heat insulation and damp proofing

TESTING OF ENGINEERING STRUCTURES

Regular tests and inspections of the stability and safety of engineering structures in connection with roads (as per DIN 1076) are provided for by law. The structural condition of towers, masts and other engineering structures, too, must be regularly reviewed for both technical and economic reasons.

- Bridges, culverts and tunnels
- Supporting and noise-protection walls
- Gantries and overhead gantry signs
- Antennae and masts
- Towers and industrial stacks

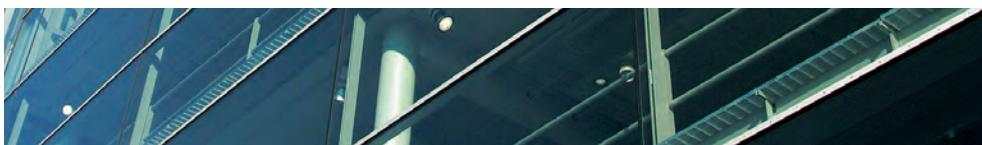
STRUCTURAL FIRE SAFETY

Fire safety commences as early as in the design stage. An effective fire-safety strategy requires optimum coordination of all sub-projects. Key factors in this context are profound knowledge of structural and organizational fire safety and of the interactions of various disciplines.

- Fire safety strategies
- Smoke extraction strategies
- Escape, rescue and fire-fighting plans
- Extinguishing water supply and containment
- Fire safety surveys
- Smoke-extraction and evacuation simulations
- Acceptances

DUE DILIGENCE

Assessment and valuation in corporate and property transactions frequently neglect risks resulting from technical infrastructure, building condition and aspects related to environmental law. Defects or damage may result in loss of rent, high management and operating costs and the need for subsequent investments, i.e. income loss. Applying an interdisciplinary approach, we offer integrated assessment and valuation of your property.





Industrie Service



www.tuev-sued.de/is



We have international representation. Through us, you have access to the entire know-how of TÜV SÜD. **Don't hesitate to call us. We are happy to advise you.**

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