



Industrie Service

**Choose certainty.
Add value.**



Increasingly high cost pressure and fiercer competition: internationalisation and globalisation dramatically affect plant construction – and thus both plant engineers and operators.

These difficult challenges can be mastered by consistently linking cost effectiveness, safety and quality – right from the initial planning stages.

Plant Engineering with Quality

Create an advantage in competition

TÜV SÜD Industrie Service GmbH





Rely on a strong partner in plant engineering

Criteria that are critical for the success of a plant or installation or plant retrofit and upgrades – such as low operating and maintenance costs, high availability and long service life – are decided in the first life cycle stages of a plant, during its planning, manufacturing and construction.

TÜV SÜD Industrie Service supplies interdisciplinary know-how and modern methods during these phases, thus offering clear benefits for customers:

- Reducing manufacturing costs
- Assuring quality
- Observing deadlines
- Guaranteeing safety
- Optimising operating costs



To ensure your investment pays off.



Benefit from our comprehensive experience in all fields of plant engineering: planning, licensing and approval, manufacturing, construction, retrofit and upgrades, and dismantling of industrial installations.





Safety and cost-effectiveness right from the start: Expert step-by-step support

Plant construction is increasingly influenced by the interaction of global players and international codes and standards. To prevent problems in subsequent plant operation, expert support from the outset and objective interface analysis are a must. TÜV SÜD experts boasting long standing experience and familiarity with national and international standards are expert partners for manufacturers, plant engineers and operators – worldwide.

TÜV SÜD service packages:

- Bidding support
- HAZOP studies, environmental impact assessments
- Preparation and review of structural and dynamic analyses
- Preparation of delivery specifications on behalf of manufacturers, plant engineers and operators
- Manufacturer selection and assessment
- Manufacturer certification as per international rules and standards, such as PED, ASME, ISO 9001:2000 etc.
- Assessment of manufacturing, and test procedures
- Certification of manufacturing, production and test procedures
- Personnel certification
- Quality assurance during manufacturing and construction
- Third Party and Notified Body services or services on behalf of customers
- Monitoring of part manufacturing and assembly schedules
- Acceptance and commissioning tests
- System and component stress tests
- Instrumentation and control certification
- Guarantee and warranty measurements
- Damage analysis
- Quality assurance in steel construction
- Quality assurance in building construction and civil engineering
- Risk management





References

Lurgi, Project SASOL, Republic South Africa

Quality assurance for the Rectisol plant on behalf of the customer

Alstom, Cartagena Power Plant, Spain

Consultant; quality assurance during manufacturing; laying and inspection of underground cooling pipes made of glass-fibre reinforced plastics (FRP); development of a pressure test procedure

Genting Sanyen Power, Kuala Langat Power Plant, Malaysia

Consultant during commissioning, licensing services and warranty measurements

Linde, Project Snøvit Hammerfest, Norway

Notified Body services during pre-fabrication stage;
Quality assurance during component manufacturing as customer representative;
Quality responsibility for installation of storage tanks

Petronas Methanol Labuan, Methanol Plant Labuan, Malaysia

Third-party inspection and technical consulting services during reactor replacement

RWE, Power Station, Germany

Consultant; quality assurance for FRP flue-gas pipes/ducts during partial replacement of a flue-gas desulphurisation (FGD) plant in a (bituminous) coal-fired power station

Linde, Project Kollsnes, Norway

Notified Body services during piping manufacturing and assembly





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.**

TÜV SÜD Industrie Service GmbH

Plant Engineering

Gunther Kuhn

Westendstraße 199

80686 Munich/Germany

Telephone +49 (0) 89 5791-2827

Fax +49 (0) 89 5791-2886

anlagenbau@tuev-sued.de

