



Owner's Engineer. Support for Your Project.

Highly Experienced Experts for Your Project Success

Every kind of project comes with many challenges. Apart from making sure that work is on schedule and on budget, project owner's also need to ensure that the complexity of the project is mastered and the risk in investment reduced. Especially for large projects involving many companies, these tasks can exceed the owner's capacities. In addition, some projects require specialized personnel, but maintaining highly experienced experts only for a time-limited project phase can be very expensive. Therefore, project owners need a reliable partner to support them in any issue that may arise.

TÜV Rheinland, as an independent inspection company, support investors and project owners with contract engineers for all aspects of a project – either as a single expert within your team or as a team of experts acting as independent advocats, to ensure a successful project completion.

Owner's engineers play a supporting role in filling gaps in resources and expertise for a project acting as 'independent engineers' or 'lender's engineers'. Every project is unique and therefore requires different services. We offer a wide range of comprehensive services from simple technical review to full-scale membership of your team, leading your project to successful completion.

Benefits at a glance

TÜV Rheinland's owner's engineer services offer you:

- Extensive expertise with professional project support and management.
- Risk minimization of budget overruns, environmental issues, procedural claims, quality issues and non-deliveries.
- Assurance that technical and contractual requirements are met.
- Comprehensive consulting services in all project phases.
- Overall project cost control / control on investment.
- Less risks for claims and contractual penalties.

Our experience - your benefit

With our ongoing global exchange of experience and co-operation on a permanent basis with various technical and scientific institutions, our experts can boast highly technical knowledge and experience for national and international projects.

Recognized for our conscientious and reliable work, TÜV Rheinland provides customer satisfaction around the globe and helps ensure successful project performance.

Key Assistance at Key Stages

1. Project Inception Stage

- Definition and review of project scope
- Evaluation of budget and identification of financing sources
- Conduction of feasibility and site studies
- Preparation of early project schedules
- Preparation of technical specifications
- Evaluation of EPC contract documents (parameters, Quality Assurance, ability to deliver)

2. Procurement / Fabrication Stage

- Assessment and qualification of manufacturers and their suppliers
- CE marking consultancy
- Production and pre-fabrication control
- Witnessing Factory Acceptance Tests (FAT) and evaluation of test results
- Expediting delivery dates
- Pre-shipment inspections to prevent damages during transportation

3. Commissioning / Construction Stage

- Keeping work on schedule and on budget
- Project cost reporting
- Site supervision with regard to timely progress and quality/contractual requirements
- Release of milestone payments to the General Contractor
- Acting on behalf of you in owner-contractor-relationship
Documentation control

4. Start-Up Stage

- Preparation of performance testing and hand over to start-up
- Development of punch lists
- Development of document warranty items
- Review and verification of operational procedures
- Trial start-up supervision
- Evaluation of test results
- Preparation of maintenance and operating plans

Value Added Services Along the Supply Chain

No matter in which sector you operate – TÜV Rheinland's supply chain services support clients during procurement, production, shipment and installation. We help you to select qualified suppliers, assure the quality of materials and components and avoid delivery delays.

Our experts audit, inspect or verify according to your Inspection Test Plans, your specifications or applicable international codes and standards. We also assure safe and correct loading, shipment and discharge at any location worldwide to ensure that you receive proper and undamaged goods and materials. Finally, we supervise and monitor all construction site activities.

About TÜV Rheinland:

Founded more than 140 years ago, TÜV Rheinland is a global leader in independent inspection and certification services, ensuring quality and safety for people, the environment, and technology in nearly all aspects of life. The Group maintains a presence at around 500 locations in 65 countries with 16,000 employees.

Your contact:

TÜV Rheinland Group
Industrial Services
is@tuv.com
www.tuv.com