



International Projects Safety and Quality Assured.

Industrial inspection services for international projects.

www.tuv.com

 **TÜVRheinland[®]**
Precisely Right.

Successful international projects – When quality matters.

We provide comprehensive industrial inspection services to assist you at every stage of your project – from vendor assessment to in-service inspection – and ensure its successful completion and asset operation.

All projects contain elements of risk, whether in overall scope, capital expenditure, safety, operation or performance, which can have a negative impact on results and profitability. The management of and procurement for international projects in today's industry can entail dealing with complex manufacturing and supply chain processes. You need to be certain that contractors adhere to all terms in the agreement such as time frames, pricing, and technical parameters as well as the quality of equipment and works.

It is therefore crucial to identify all potential risks and to understand each and every facet of capital-intensive projects. In order to prevent the loss of both time and investment and to help ensure profitability, all areas including project scope, vendor selection and health and safety issues should be reviewed by a qualified expert.

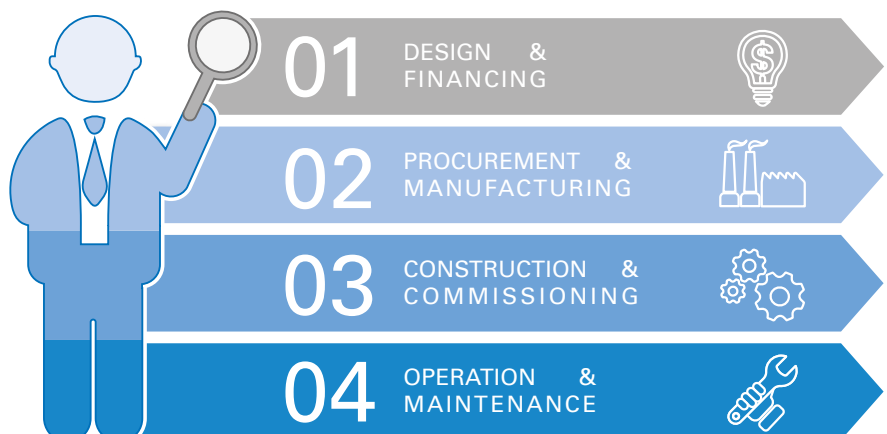
Apart from verification and feasibility works in the initial phases, continuous monitoring, quality assurance and control throughout the project are necessary to achieve successful completion. Time schedule delays, low-quality materials, substandard components and problems at construction sites pose additional challenges for owners and contractors

working in major projects. All of these issues can delay final delivery, impacting critical project pricing strategies and incurring costly penalties, which invariably lead to the dissatisfaction of your client.

Therefore, it is essential to manage and control the entire project supply chain and maintain oversight thereafter. A task of mammoth proportion, client requirements must be met, compliance of products to national or international regulations must be ensured and timely delivery must be guaranteed. Under such critical circumstances, it is prudent to rely on the services provided by an independent party such as TÜV Rheinland. We help you to select

competent suppliers, assure quality of materials and components as well as to minimize delays. Our experts conduct comprehensive audits, inspections or verifications according to your Inspection Test Plans or specifications as well as applicable international standards and codes. We also ensure safe and appropriate loading, shipment and off-loading at locations worldwide in order for you to receive the right goods and materials properly and intact. Furthermore, we are on-site to supervise and monitor all activities until successful completion of the project. Even once your asset is in operation, we continue to assist you with our inspections, assessing the condition and thus reducing the risk of unplanned outages or breakdowns.

SERVICES IN ALL PROJECT PHASES AND BEYOND



Our specialist know-how at your service.

In times of globalization, when industrial projects, production and purchase are increasingly becoming cross-regional activities, we are your reliable partner worldwide. Using the diverse professional background and experience of our experts, we work in multidisciplinary teams to find the right solution for your industrial sector.

Due to our ongoing global exchange of experience and permanent cooperation with various technical and scientific institutions, our experts are highly skilled with extensive backgrounds in inspection services.

Our presence at more than 500 locations in 65 countries around the world makes us the ideal partner to support you with inspection and verification services along your project supply chains.

Our larger portfolio of services allows us to customize solutions specifically tailored for your business to ensure the quality, safety, punctuality and ultimate success of your individual project.



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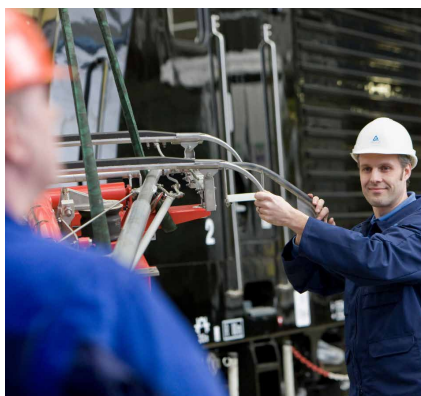


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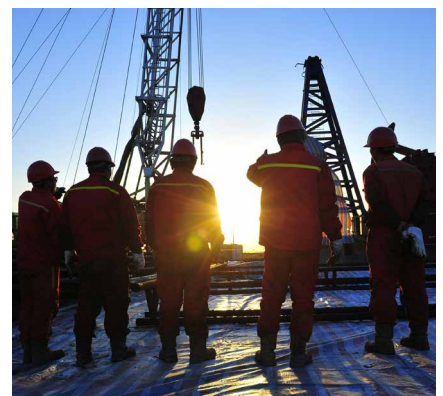


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Our services along the supply chain.

Our industrial inspection services ensure the successful completion of your project and our experts support you in all phases of a project and during asset operation: from vendor selection, expediting and pre-shipment inspection to supervision of loading and discharge, site supervision during construction and ultimately in-service inspection.

Providing a wide variety of services, including assessment, qualification, inspection, testing, and supervision, we prepare a customized service package to find the best solution for you whether it covers the

management of your entire project, asset, or just a single service.

With our extensive knowledge of industrial inspection services for national and international projects and

our reputation for conscientious and reliable work, we provide customer satisfaction around the globe and help ensure successful project and asset performance.

INDUSTRIAL INSPECTION

SERVICES



VENDOR INSPECTION	EXPEDITING	SITE SUPERVISION IN CONSTRUCTION	IN-SERVICE INSPECTIONS
<ul style="list-style-type: none"> • Verification of documents / procedures • Inspections during manufacturing • Witnessing of tests / FAT • Pre-shipment inspections 	<ul style="list-style-type: none"> • Project support and monitoring • Quality audits • Production control • Progress reporting • Field expediting • Desk expediting 	<ul style="list-style-type: none"> • Loading and discharging supervision • QA/QC inspections of on-site shipments • Material handover supervision • Witnessing of installation • Handover inspection 	<ul style="list-style-type: none"> • Periodic visual inspection of assets in operation or during shutdown periods • Corrosion monitoring • Key element of our Asset Integrity Management (AIM) offering

FOCUS

PROJECTS

OPERATIONS

GLOBAL NETWORK

LOCAL PRESENCE

One-stop shop industrial inspection services.

We work in multidisciplinary teams and possess a wide range of accreditations. Benefit from our comprehensive portfolio and our “one-stop-shop” solutions and save time and effort.

A BRIEF OVERVIEW OF OUR ACCREDITATIONS:

- Technical inspection organization
- Authorized regulatory body for plants and equipment subject to monitoring
- Inspection body for newly built pressure equipment approved by various national and regional authorities i.e. Europe, USA, India, Malaysia, Singapore
- Test center and regulatory body for building inspections
- Regulatory body for external monitoring in various sectors
- Authorized body in the area of environment
- Experts according to the radiation protection and X-ray ordinance
- Accredited testing laboratories for material tests, safety components, software
- Certified quality control, quality management and quality assurance system
- Certification body in various sectors
- Notified Body for elevators and lifts, machinery, pressure equipment, explosion protection (ATEX/IECEX), construction products

Our diverse range of inspection services is available all over the world. We are your local contact with the international background and expertise you need, understanding both the local and worldwide challenges you face in your industry.

Founded in 1872, TÜV Rheinland is a global leader in independent inspection services, ensuring quality and safety for people, the environment, and technology in nearly all aspects of life.

When it comes to corporate sustainability policies and the

responsible use of resources, we lead by example. That's why, since 2006, we have been a member of the United Nations Global Compact to promote sustainability and combat corruption.



ALWAYS A GOOD SIGN. THE TÜV RHEINLAND TEST MARK.



This mark stands for all the relevant customer information about products, services and systems that are tested, certified or inspected by TÜV Rheinland. This information is available online anytime, anywhere, and can be viewed in a matter of seconds at the click of a button. This means optimal transparency and top performance in terms of safety, quality and reliability – always. Global, systematic and eye-catching – communicated through a unique and multifunctional mark. The TÜV Rheinland test mark.

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