

# Key Advantages of Vendor Inspection with TÜV Rheinland

Drawing upon TÜV Rheinland's leading global presence in industrial testing, inspection and certification, we are becoming the vendor inspection partner of choice. With over 20 years' experience in the field, our vendor inspection team is supported by our new proprietary inspection management software, which is fully integrated into our certified inspection division.

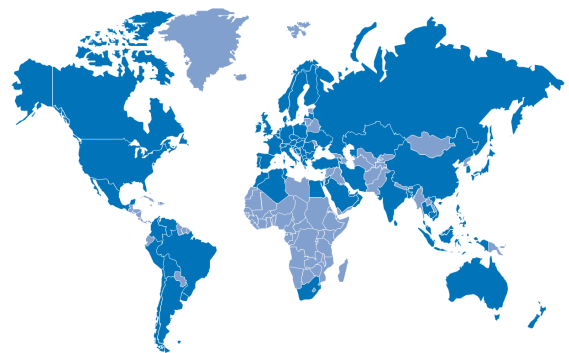
## KEY TECHNICAL AND COMMERCIAL ADVANTAGES

### 1. Inspection management system

- Qualitas software facilitates the resourcing and allocation of inspectors based upon their competence, including specialist skillset qualifications, inspection experience/history, performance reviews and also geographic proximity to a vendor site.
- Monitors inspection progress and associated documentation, with clients able to gain round the clock direct live access to their project status.
- Validated reports are returned within 48 hours, and can be formatted to client specific template requirements along with flash reports, Non-Conformance Reports (NCRs) and inspection release notes.
- Simplifies the viewing of all historical and ongoing inspection works with multiple search and reporting features.
- Clients may quickly and concisely check the status of NCRs logged with vendors.

### 2. Global reach

- Co-ordination of inspections using Qualitas across TÜV Rheinland's global office network ensures quick and consistent inspector allocations as well as controlling budget.
- Combination of TÜV Rheinland staff and associate inspectors provides local resource availability.
- Competitive pricing achieved through access to TÜV Rheinland's global network of inspectors close to manufacturing sites.



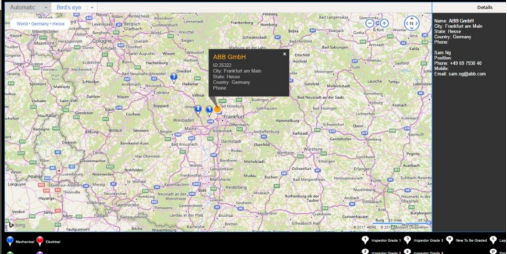
Discipline:

Discipline Profile:

<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Castings / Forgings <input type="checkbox"/> Completions Equipment <input type="checkbox"/> Cranes <input type="checkbox"/> Drilling Equipment <input type="checkbox"/> General Mechanical <input type="checkbox"/> Heat Exchangers <input type="checkbox"/> Mining <input type="checkbox"/> Paint / Coating <input type="checkbox"/> Piping / Flanges / Fittings <input type="checkbox"/> Pressure Vessels <input type="checkbox"/> Rotating Equipment <input type="checkbox"/> Skid Packages <input type="checkbox"/> Temporary Mobile Equipment <input type="checkbox"/> Umbilicals / Flexible Hoses <input type="checkbox"/> Valves / Actuators <input type="checkbox"/> Vehicles & Accessories <input type="checkbox"/> Welded Fabrications <input type="checkbox"/> Xmas Tree / Wellheads <input type="checkbox"/> Statutory Surveyor	<input type="checkbox"/> Pipemill <input type="checkbox"/> Casing & Tubing <input type="checkbox"/> Coating Mill <input type="checkbox"/> Drill Pipe <input type="checkbox"/> Duplex Material <input type="checkbox"/> ERW Line Pipe <input type="checkbox"/> Lead Inspector / Supervisor <input type="checkbox"/> O.C.T.G <input type="checkbox"/> Pipe Bends <input type="checkbox"/> Pipe Dia. > 20" <input type="checkbox"/> Pipemill Clerk <input type="checkbox"/> Plate Mill <input type="checkbox"/> SAW Line Pipe <input type="checkbox"/> Seamless Pipe <input type="checkbox"/> Spiral Welded Pipe <input type="checkbox"/> VAM Couplings / Threads	<input type="checkbox"/> Electrical & Instrumentation <input type="checkbox"/> Communication Systems <input type="checkbox"/> Electrical Equipment <input type="checkbox"/> Electronic Equipment <input type="checkbox"/> Instrumentation <input type="checkbox"/> Subsea Control Systems <input type="checkbox"/> Temporary Mobile Equipment <input type="checkbox"/> Wire / Cables <input type="checkbox"/> Site <input type="checkbox"/> Civil <input type="checkbox"/> Laybarge <input type="checkbox"/> NDT Inspector <input type="checkbox"/> Site QA/QC <input type="checkbox"/> Snool Base	<input type="checkbox"/> Expeditor <input type="checkbox"/> Expediting <input type="checkbox"/> Auditor <input type="checkbox"/> Field Auditor <input type="checkbox"/> Pre-Shipment <input type="checkbox"/> Chemicals <input type="checkbox"/> Electronics <input type="checkbox"/> Fabrics <input type="checkbox"/> Foodstuffs <input type="checkbox"/> Other <input type="checkbox"/> Timber
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Qualifications and Experience

Qualifications:  Degree  CSWIP 3.2 Sen Welding (or equiv)  MT Level II  VT Level II  Atex Course  
 HND  CSWIP 3.1 Welding (or equiv)  RT Level II  NDT Level III  VAM Thread Course  
 HNC  AWS CWI  UT Level II  IRCA Auditor (or equiv)  Internal Training  
 ONC  BGAS/CSWIP/NACE Coating  PT Level II  API Source Inspector  Offshore Approval



### 3. Quality assurance

TÜV Rheinland's inspection division is headquartered in Cologne, Germany, and is ISO 9001 and ISO 17020 certified by the German Accreditation Body DAkkS. All TÜV Rheinland offices operate to the same management system including use of the Qualitas software.



### 4. UK inspection coordination based in Aberdeen

Based in Aberdeen, we provide dedicated inspection co-ordination and support to clients across the UK and Europe, and globally via the TÜV Rheinland office network. The service includes key account management, project management meetings and a variety of performance reporting options.

Every stage of the process from initial inspection query through to client billing and reporting is managed in one place ensuring a slick and efficient operation that delivers a high quality and value for money service. We have the ability to efficiently supply inspectors worldwide to meet your specific inspection or expediting global requirements.

### 5. Experienced, multi-disciplined inspectors

We provide a range of inspection expertise, including but not limited to;

- Electrical & instrumentation
- Mechanical (including rotating equipment)
- Piping, VAM, drill pipe
- Expediting (project monitoring, quality audits, production control /reporting & field/desk expediting)
- Site quality assurance
- Saudi Aramco approved (SAP)
- Specialist (e.g. corrosion, umbilicals, etc.)

Both staff inspectors and freelance inspectors follow the same robust recruitment and assessment processes, including verification of qualifications, technical interview, training, etc. During project completion they are both monitored in the same way using a KPI performance score, a grading system and site based audit schedule.

The KPI scoring system monitors key elements of the inspector performance, which includes the timeliness of report submission, report quality, client feedback, hours worked, NCRs raised, etc.

### 6. TÜV Rheinland complementary service lines

To optimise project management, clients may access wider TÜV Rheinland services including;

- Pressure equipment certification
- Lifting equipment and machinery certification
- Electrical engineering and automation services
- Industrial inspection services
- Infrastructure and civil engineering services
- Energy and environment services
- Project management services
- Materials testing and NDT



### 7. Live streaming of inspection

TÜV Rheinland can also deliver live streaming of inspections from the manufacturer's works to the client via the use of smart glasses.

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**Risktec**

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