

A leading TIC company focused on asset integrity management in the oil and gas (energy) sector

T-ALL Inspection Group Co.,Ltd

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T-ALL INSPECTION

Company Overview

T-ALL Inspection is a leading Testing, Inspection, and Certification (TIC) partner delivering independent, high-value assurance solutions across the Oil & Gas and Chemical sectors.We operate as a strategic partner across the full asset lifecycle—from early concept and FEED through engineering, procurement, construction, and into operations—ensuring continuity, performance, and risk control across both CAPEX and OPEX environments.

Service Capability



OCTG（Oil Country Tubular Goods） Integrated Services

Focusing on OCTG assets, ensuring reliable operation and value maximization from manufacturing to field operations

Design Consulting → Shop Inspection → Site Inspection → Machining Services → Pipe Coating → Tubing Running Services → Leak Testing → Used OCTG Inspection and Repair



TIC Services

Integrated TIC Technologies Ensuring Asset Reliability, Safety, and Performance

- NDT
- Leak Detection
- Inspection at Source
- New Energy Inspection
- Pipeline Inspection
- Corrosion Monitoring
- Intelligent Monitoring
- Metrology & Calibration
- Environmental Monitoring
- Engineering



Asset Integrity Management Services

Protect value by controlling risk and ensuring safe, compliant operations
Extend asset life and defer capital through data-driven health insights
Maximize availability and performance at the lowest total cost

- Asset Integrity Management
- Condition Monitoring & Assessment
- Maintenance Strategy
- Reliability Engineering
- Remaining Life Assessment & Lifetime Extension
- Performance Optimization

Full Lifecycle Value Creation

Engineering Assurance
Independent design review, risk identification, and early-stage optimization

Risk Mitigation by Design
Anticipate and eliminate technical and operational risks at early stages

Procurement Integrity
Vendor surveillance, expediting, and global quality assurance

Execution Certainty
Ensure consistency, quality, and schedule adherence across complex supply chains

Construction Oversight
On-site inspection, HSE governance, and execution control

Field-Level Control
Drive safety, compliance, and workmanship excellence where it matters most

Operational Excellence
Asset integrity, inspection strategies, and emissions management

Data-Driven Operations
Enable predictive maintenance and lifecycle optimization through validated data and digital tools

Service Scenarios

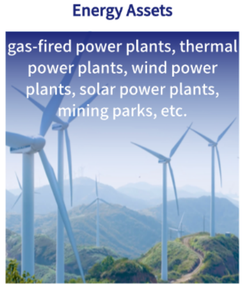
Oil & Gas Well Engineering Assets



Oil & Gas Field Assets



Energy Assets



Qualifications

50+ Authoritative Certifications
Global Standards, International Quality


TIC Council Member


Special Equipment Inspection Approval


Special Equipment NDT Qualification


CNAS


CMA


China Corrosion Control Certification


Radiation Safety License


DNV


ISO-17020


API-5CT



Local Overseas Qualification



Authorized Thread Processing – Global Steel Mills

Service Network

- ★ Prioritize Natural Gas Market to achieve China Nationwide Coverage
- ● The international layout centers on Abu Dhabi, with key countries along the "Belt and Road" such as Central Asia, the Middle East, Africa, South-East Asia, South America.



Feel free to contact us,
we will serve you with all sincerity!

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OCTG（Oil Country Tubular Goods） Integrated Services

T-ALL provides full-process inspection and supporting services for OCTG（Oil Country Tubular Goods）, from manufacturing facilities to field operations



Design Consulting

Design guidance and planning to ensure rational design

- Tubular parameter design consulting
- well structure design consulting



Used OCTG Inspection and Repair

Ensure safe operation and extend asset life

- Drilling Pipe inspection and repair
- Tubing inspection and repair
- Casing inspection and repair
- Thread repair
- API WORKSHOP EPC



Shop Inspection

Ensure product quality

- Drilling Tools Shop Inspection
- Tubing Shop Inspection
- Casing Shop Inspection



Leak Testing

Ensure well integrity and prevent annulus pressure

- Casing Connect Gas Testing
- Tubing Connect Gas Testing



Site Inspection

Ensure compliance of incoming and field quality

- Incoming inspection
- Wellsite inspection



Tubing Running Services

Ensure optimal torque and prevent damage

- Non-marking Casing Running Services
- Non-marking Tubing Running Services



Machining Services

Meet application needs with customization

- Pup joint & coupling design and machining
- tool and accessory machining
- mechanical parts machining



Pipe Coating

Solve corrosion and wax issues

- Drill Pipe Internal Anti - corrosion Coating
- Tubing Internal Anti - corrosion Coating
- Casing internal Anti - corrosion Coating
- Tubing Internal Anti-Paraffin Coating

TIC Services

Comprehensive conventional and customized TIC technologies to accurately diagnose asset condition and ensure safe and compliant operations.



NDT

- Conventional NDT Services
  - RT | MT | DPT | MUT | UTT | PMI | HT | PRE | PWHT
- Advanced NDT Services
  - LRUT | AET | gPIMS Sensors Installation | AUT | PAUT | ToFD | BMap | Rack UT | Borescope Inspection | Tower Gamma Scanning



Pipeline Inspection

- In-line inspection
  - MFL | ECT | UT | EMAT | Axial Stress Detection | Micro-leak Detection
- External inspection
  - ECDA | ICDA | Guided Wave Testing | MTM
- Pipeline Assessment
- Pigging services
- Pipeline O&M contracting



Metrology & Calibration

- Mechanical
- Thermal
- Dimensional
- Electrical
- Chemical
- Safety Valves
- Gas Cylinders



Leak Detection

- Nitrogen Services
- N_2-He Leak Testing
- Flange Management
- Industrial Cleaning
- Gas Leak Monitoring



Corrosion Monitoring

- Cathodic Protection (CP)
- CP System O&M
- Intelligent CP
- Stray Current Mitigation
- Corrosion Rate Monitoring



Environmental Monitoring

- LDAR
- Soil
- Air
- Water Quality
- Noise
- Ecology



Inspection at Source

- Raw Materials
- Machinery
- Pressure Equipment
- Electrical
- Instrumentation
- Vender Technical Assesment
- Expediting Management & Schedule control



Intelligent Monitoring

- Digitalization of Asset Integrity Management
- Pipeline Intelligent Monitoring
- Gas leak monitoring
- Intelligent online monitoring of equipment and facilities
- Scene Monitoring
- Intelligent Software Platform Development



Engineering

- Design Review
  - Feasibility Study Review | Basic Design / FEED Review | Detailed Engineering Review | Re-assessment | Brownfield Modification Review
- Risk & Safety Studies
  - Safety Workshop | Technical Safety Studies | Functional Safety | Process Safety



New Energy Inspection

- Wind Turbine Inspection Technical Services
- Photovoltaic Power Station Inspection Technical Services
- Energy Storage Power Station Inspection Technical Services

Asset Integrity Management Services

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Asset Integrity & Risk Assurance

- **Asset Integrity Management**

  Asset Health Assessment / Due Diligence / Asset Criticality & Hierarchy

- **Reliability Engineering**

  RBI /RAM /FFS & RLA /CMP & CRA /MCA /PIMSFMECA /PSM/ RCFA

Asset Health & Life Extension

- **Condition Monitoring & Assessment**

  Vibration monitoring / Corrosion Monitoring / Load measurements / Thermographic inspections / Borescope Inspection / Drone Inspection
  Failure & Damage Analysis

- **Remaining Life Assessment & Lifetime Extension**

Asset Performance & Value Optimization

- **Maintenance Strategy**
- **Performance Optimization**

通奥检测 T-ALL INSPECTION

We would welcome the opportunity to present our full capabilities and explore how T-ALL Inspection can support your strategic objectives.