

FACT SHEET

LNG PROJECTS SERVICES & SOLUTIONS

Ensuring safety, milestones and overall project success of LNG Projects

We secure compliance, reduce cost and manage risk across your entire LNG Project life cycle from planning, design, procurement, construction, fabrication and installation.



Our LNG Services & Solutions

Customers depend on our LNG services and solutions and partner with us to help eliminate and reduce a variety of technical issues and constraints that can negatively affect their LNG Project.

Intertek Moody

Intertek Moody provides assurance and mitigates risks through pioneering innovations and second-to-none integrated services such as inspection, expediting, technical resource solutions, and digital reporting capabilities with Intertek RiskAware.

Vendor Inspection & Surveillance Activities

Did you know we have a global network of highly experienced inspectors, ready to carry out independent assessments of your material and equipment, including reviewing and witnessing special processes, assessing the quality of workmanship, and dimension condition and reporting results?

By detecting problems early in the supply process we can save you rework and replacement costs and ensure that your product or plant is delivered on time and to specification.

Expediting

As your expediting partner, we work with every link in your supply chain. Our teams are strategically located in the world's most active industrial centers, ready to work directly with your suppliers to help prevent potential delays, verifying specifications, monitoring production and overseeing shipping.

Technical Auditing & Assessment

Working with multiple vendors and suppliers, often located far from your site, makes assessing their capabilities a real challenge. We can help you gain a complete understanding of vendor capabilities through a systematic and independent vendor assessment.

Intertek RiskAware – Supplier Quality Insights

RiskAware provides supplier quality insights using data analytics to minimize the total cost of quality in supply chains. By using this data to pinpoint areas for increased focus through digital reports and dashboards reduces spend on lower risk areas and helps you make informed inspection decisions.

Did you know the cost of ensuring quality through real-time analytics and aggregated data is less than the cost of project delays, fabrication rework, equipment and operational failure?

Technical Staffing Services

Our Technical Staffing Services offer a complete solution to your recruitment needs for complex projects.

We work to find the best candidates, provide logistical support at every stage of recruitment and employment, and nurture positive long-term relationships.

Industrial Laser Dimensional Control

- Dimensional Fabrication Verification and Integration Assurance for Modules, Equipment, Pipe Spools, Foundations
- 3D Laser Scanning for capturing as-built conditions for Design Verification & Clash Detection including Metrology and 3D CAD Modeling
- Topographic Surveying for Site Construction Support

Non-Destructive Testing (NDT)

- **NDT:** Construction Welds, PMI (Positive Material Identification) & Mechanical Integrity
- **Standard:** Gamma Radiography, Ultrasonic Testing, Magnetic Particle Inspection, Pre-Heating/ Post Weld Stress Relieving
- **Advanced:** Phased Array/ Automated, Ultrasonic Testing, X-Ray and X-Ray Betatron, Computerized Radiography, and Eddy Current



Due Diligence Engineering & Consulting Services

- **Environmental Consulting:** Site Assessment, Wetland Surveys, NEPA, Groundwater Monitoring
- **Geotechnical Engineering:** Site Characterization, Design-level Studies, Site Prep, Foundation Specifications, Earthwork/ Foundation Consultation, Roadway/ Transportation Studies, Site Geology Consultation
- **Construction Material Testing/ Inspection:** Complete facilities and equipment for inspection and testing of soils and foundations, concrete, pavements, masonry, structural, metals, roofing and specialty areas including fireproofing
- **Topographic Surveying for Site Construction:** Layouts, building lines, Underground mapping to support Advanced Geophysical activities

Integrated Site Construction Services

- **Site Services:** Fabrication & Installation Site Management, Scheduling, Progress Reporting, Document Control & Clerical
- **Visual Inspection:** Structural, Piping, Welding, E&I, Mechanical, Coating, Insulation & Material Handling
- **QA/QC:** Supervision, Coordination, Plan & Procedure Preparation & Review

Metallurgical Laboratory Services

Fully equipped metallurgical laboratories utilizing scanning electron microscopes (SEM), energy-dispersive X-ray spectroscopy (EDS), electron microscope analyzers, routine metallurgical laboratory equipment, and advanced analytical equipment.

The laboratories are supported by materials engineers with decades of experience in a wide variety of industries such as power generation, upstream oil and gas, pipeline, downstream refining and petrochemical, and manufacturing.

Hazardous Location Services

- Consultancy, training, certification and design solutions for the project's specific needs
- Product Certification such as ATEX, ETL (including LPC), IECEx Certification for the European Union (ATEX Directive 94/9/EC)
- CompEx Certification for engineers and technicians, covering design, sites, installation, maintenance and auditing

Specialty Engineering Services

- Design verification and review (including finite element analysis (FEA))
- Technical review of welding procedures (applicable codes, industry and client specifications, and material properties)
- Review of materials selection using design codes, standards and procedures for construction, fabrication and assembly
- Review damage mechanisms, metallurgy, corrosion allowance and PWHT condition

FOR MORE INFORMATION



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