

FACT SHEET

TURNAROUND SUPPORT SERVICES

For all phases of turnarounds and outage projects

We recognize that successful turnaround management and execution relates to on-time restarts and facility availability. Our support solutions for your turnaround planning and execution include pre-planning, scope definition, engineering support, laser scanning, and API and NDE technical inspection services.



Our Support Services

Discover the difference that Intertek's experience, knowledge and innovations will make on your next scheduled turnaround (TA).

Pre-Turnaround

We can provide personnel to work with our clients planning future turnarounds.

Personnel supporting these activities are experienced TA inspectors who assist in formulating efficient inspection plans and the best non-destructive examination (NDE) methods based on equipment failure mechanisms and materials, process environment, equipment design, and age.

Intertek also provides Building Inspection Plans and Mobile Scanning Services.

Turnaround Inspection

Intertek provides personnel with the experience and qualifications to execute the turnaround plan. Good planning is key and using the same personnel that helped during the pre-TA phase ensures continuity between the plan and its execution.

Intertek provides a full range of personnel and services for the TA, including project managers, API inspectors, NDE technicians, plus advanced NDE services, all supported by our turnaround management team.

These services include RT, MT, PT, UTT, PMI, Hardness, Pre & Post Weld Heat Treatment, Drone Inspection, Rope Access, CWI's, and Tank Inspections. In addition, we support all facility refractory inspection needs and data capture management requirements.

Intertek's approach to TA planning and execution provides single source personnel and technical resources, with the added benefit of exceptional cost control and budget monitoring.

Post-Turnaround

Once TA is completed there is an inspection data review and analysis for mechanical integrity support and regulatory compliance.

Engineering Services

Intertek's Asset Integrity Management (AIM) Engineering Service Group provides consulting expertise for operational inspection, maintenance optimization, and performance optimization. Additional services include the classical disciplines of metallurgy, structural analysis, stress analysis, fracture mechanics, fatigue, welding, corrosion, thermodynamics, heat transfer, NDE, safety, risk analysis, reliability centered maintenance, materials selection and fabrication, and financial risk/ economic analysis ensures that your turnaround decisions are based on the most reliable evaluations available.



Laser Scanning

These services are provided to aid turnarounds through complete capture of the “as-built” existing construction in the field to an accurate 3D CAD surface model.

This photorealistic high-resolution data tied to the local coordinate system and completely to scale can be used to eliminate re-work and unnecessary field welding in addition to providing information for ISO and CML data points without extensive walkdowns, hand sketching and CAD work.

- Plan/ coordinate project workflow, constructability and placement of equipment/ cranes
- Extract accurate dimensions, coordinates and tie-ins with simple mouse clicks
- Create/ update piping and instrumentation diagrams (P&ID), isometric or 3D drawings, surveying for dimensional fabrication verification
- Piping and equipment fit assurance to help maintain budgets and schedules

Value Added Turnaround Support Service

Vendor Services

Intertek is an industry leader in the verification of vendor quality and on-time delivery of manufactured materials and equipment.

With a global network of more than 80 technical inspection operating offices our qualified experts help customers ensure their procured items meet specifications and arrive on time.

- **Vendor Inspection:** Cost-effective inspection support with the value-added benefits of local knowledge and communication
- **Technical Auditing and Assessment:** Independent assessment of a supplier's administrative, operating or quality management system
- **Expediting:** Active oversight and, when necessary, assistance in management of milestones and processes to improve required on-time delivery

Intertek is committed to delivering the highest quality technical services that help our customers mitigate risk, reduce safety concerns, improve or maintain quality, and keep costs in line with budget.

FOR MORE INFORMATION

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