



TEAM INDUSTRIAL SERVICES FOR INSPECTION & CALIBRATION



Team Industrial Services for Inspection & Calibration

A leading provider of Tubular Inspection, Calibration, Lifting Equipment Inspection & NDT Services. TIS has a reputation for providing safe, innovative and sustainable solutions to the oil and gas production challenges

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INTRODUCTION

Team Industrial Services (TIS) has been started to provide a wide range of services to the oil and gas industry and there was a need in the market to provide services with high quality in the oil and gas industry within high rates of competition through professional company with a good reputation and creditability of overseas supplying components.

Experience and expertise replaying virtual role to continue the success flag march of the company specifically while performing manufacturing of critical components. Team Industrial Services (TIS) is now engage with Technical Oil Services (TOS).

Team Industrial Services (TIS) is serving the customer since starting of the company with continuous successfully and there is a wide range other industrial customers where company is serving.

Our range of products includes full range of Drill Pipe, BHA, Tubular Inspection and Non-Destructive Testing (NDT).

We are an IMS certified and registered company that has been independently audited and certified to be in conformance with ISO 9001:2015 Quality Management System. This certification demonstrates our high level commitment to quality assurance and continual improvement. Since its establishment, TIS has shown continual progress. We are member of LEEA, IADC, Drops, ASNT and IW. Our mission is to provide high quality service and commitment to our clients needs and requirements.

Vision

To become a leader in the Oil & Gas services industry through quality services, timely performance, efficient and safe operation.

Mission

- To make health & safety a way of life.
- To benefits our community, our industry and it's workers.
- To provide our clients quality inspection, calibration and training services with highly competent inspectors, engineers and instructors.
- To create a positive working environment in which our employees are encouraged to think and act creatively and responsibly.



Core Values

We share the following core values, which guide the way to do business:

1. Quality

T.I.S prides itself on producing high quality work every time. Our previous clients can attest to the fact that we get the job done well.

2. Competence

Our dedicated team of highly qualified inspectors is our greatest asset. They are able to provide professional and reliable services to our clients.

3. Responsibility

T.I.S expects its employees to carefully weigh choices and consequences when making decisions. We accept full responsibility and accountability for our business choices and actions.

4. Honesty & Trust

Honesty and trust are our most valued guiding principles. All of our transactions are conducted in an open, honest and transparent manner.



OUR SERVICES



Rig Inspection Services.

T.I.S is providing the following kinds of inspection to Drilling / Work over Rigs and affiliates:

Full package Rig Inspection (including CAT.4).

To make full inspection to the Rig parts / equipment's according to:

1. API 4F.

Specification for Drilling and Well Servicing Structures.

2. API 4G

Operation, inspection, maintenance and repair of Drilling and Well servicing Structures.

3. API 5D.

Specification for Drill Pipe.

4. API 7K.

Drilling and Well Servicing Equipment.

5. API 7L.

Procedures for inspection, maintenance, repair and remanufacture of Drilling Equipment.

6. API 8A.

Specification for Drilling and Production Hoisting Equipment.

7. API RP 8B.

Recommended Practice for procedures for inspection, maintenance, repair and remanufacture of hoisting equipment.

8. API 8C.

Drilling and Production hoisting equipment (PSL 1 and PSL 2)

9. API 9A.

Specification for Wire Rope.

10. API 16D.

Specification for Control Services for Drilling Well control equipment and control system for diverter equipment.

11. API RP 7G-2.

Recommended practice for inspection and classification of used Drill system elements.

12. API Spec 6A.

Specification for Wellhead and christmas tree equipment.

13. API 7.

Specification for Rotary Drill Stem Elements.

14. ASTM E 213.

Standard practice for ultrasonic examination of metal pipe tubing.

15. ASTM 317.

Standard practice for evaluating performance characteristics of ultrasonic pulse-echo testing system without the use of electronic measurement instruments.

16. ASTM E 570.

Standard practice for flux leakage examination of ferro magnetic steel tubular product.

17. ASTM E 709.

Standard guide for magnetic particle inspection.

18. ASTM E 1316.

Standard terminology for Non-Destructive examination.

19. ASTM E 1324.

Standard guide for measuring some electronic characteristics of ultrasonic examination instruments.

20. ASTM E 1359.

Standard guide for evaluating capabilities of Non-Destructive testing agencies.

21. ASTM E 1065.

Standard guide for evaluating characteristics of ultrasonic search units.

22. ASTM RP 8B.

Hoisting equipment

23. DS -1 .

TH hill standard Drill stem design and inspection.

24. EMQSP 6.5.

Company SEA, MPI and full body inspection system prove-up.

25. EMQSP 6.9.

Company full length pipe body inspection.

26. ISO TS 29001.

Petroleum, petrochemical and natural gas industries setor specific quality management sysmtem requirements for product and services supply organization.

27. ISO 4309 & 4310.

Crane-treat code and procedures crane-wire rope-crane and maintenance.

28. ISO 9927-1&3.

Crane-inspection part 1.

29. BSI.

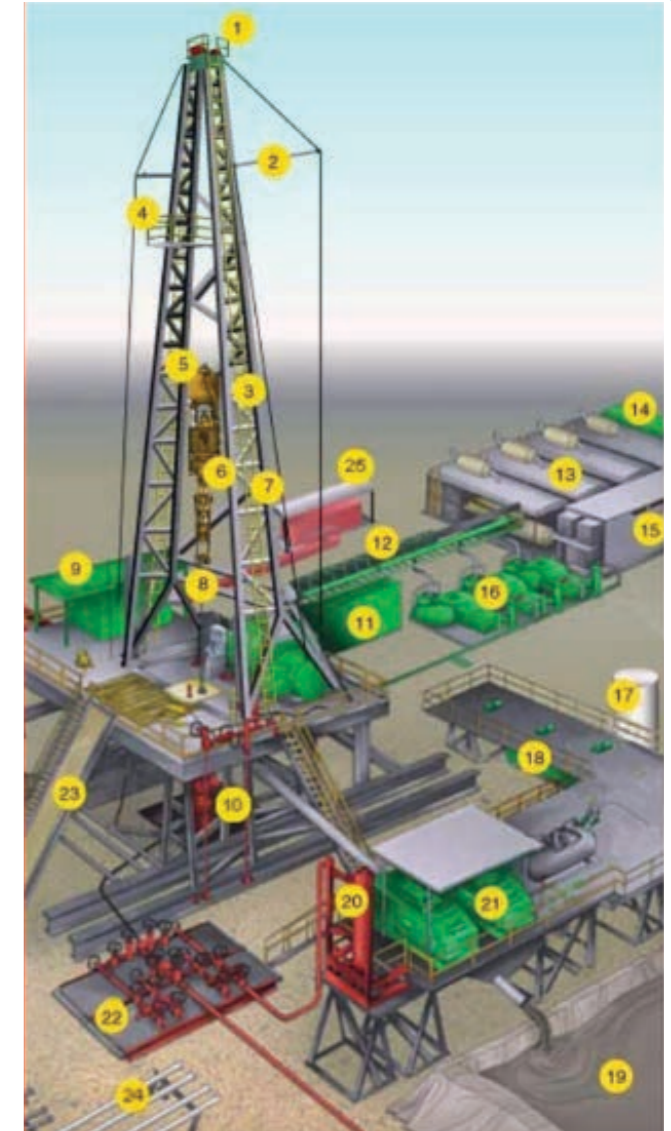
British Standard Inspection.

30. NS-2.

Drill string inspection Standard, fernley proctor group.

Rig Unit Inspection Parts

- 1). Crown block and water table.
- 2). Cate line Boom and Hoist line.
- 3). Drilling line.
- 4). Monkey board.
- 5). Traveling block.
- 6). Top drive.
- 7). Mast.
- 8). Drill pipe.
- 9). Dog house
- 10). Blowout preventer.
- 11). Water tank.
- 12). Electric cable tray.
- 13). Engine generator sets.
- 14). Fuel tanks.
- 15). Electric control house.
- 16). Mud pump.
- 17). Bulk mud components storage.
- 18). Mud pits.
- 19). reserve Pits.
- 20). Mud gas seperator
- 21). Shale shaker.
- 22). Choke manifold.
- 23). Pipe ramps.
- 24). Pipe racks.
- 25). Accumutor



Mud Ispection

Crown Block, Shelves, Rig Mast section, Derrick, Floor, Sub structure, travel block, TDS, rising line, BOP crane trolley, cat line, stairs, V-door, escape line.

All Containers, Carvans, Fuel Tanks.



Mud System



Well Control System

Accumulator, BOP's, Chock Manifold, Hydraulic system....etc.

Draw Work System

(Power tong, casing tong, manual tong, elevator, slips, levator link, chains, air winch, hydraulic winch, man - riding, load cell.)



Pipe Racks, DP / DC / Stabilizer / BHA, Baskets, Rig Tools Baskets.



Lifting Inspection

T.I.S provide inspection & certification of lifting equipment:

- Lifting accessories: (Wire rope slings, chain slings, webbing slings, hocks, swivels, shackles, etc.)
- Lifting machine power: (Mobile cranes, overhead cranes, air winches and forklifts).
- Lifting machine manual: (Chain block, lever hoist, pulley blocks, drums winches & hydraulic jacks).
- CCU's: (Offshore containers, cargo baskets, tanks and portable units).

Lifting Equipment Supply:

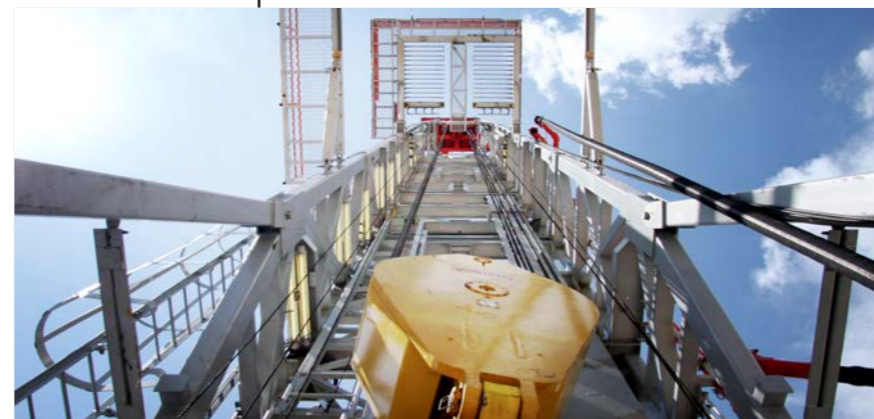
Its important to have the appropriate high quality material lifting equipment, with wide range of supply products on hand when needed from some of the world's leading manufacturers with competitive prices.

Inspection Services:

Its necessary to inspect your lifting equipment frequently and give them their appropriate. Certification to ensure and maintain safe lifting operations. Lifting equipment require constant through examination every 6 & 12 months in accordance with examination scheme.

Rig Services:

T.I.S surveys provide Lifting Equipment Management System (LEMS) with an accurate register and database for all lifting equipment of the drilling rigs.



Equipment Hire

Hiring Lifting equipment is the solution for short-term period that could accomplish the demand of a single item, based on the clients needs for cost control.

- Six monthly LOLER SI 2307 Rig Surveys.
- NDT Inspection (MPI, DPI, UT).
- Crane Inspection
- Equipment Supply.
- Traing Services.
- Pad eye inspection.
- CCU inspection DNV 2 - 7.1 BSEN 12079.
- Forklift inspection
- Winch Inspection
- Top drive Inspection
- Drilling Handling tools inspection.
- Derrick Inspection.
- Dropped Object surveys.
- Lifting Planning.
- Enginnering and consultancy.
- Runway beam inspection.
- Lifting beam Inspection
- Over head traveling crane inspection
- BOP Crane Inspection

At T.I.S we have a Team of highly qualified skilled and experienced lifting engineers who are all qualified with the following qualifications:

- LEEA (Lifting Equipment Engineers Association)
- Lifting Equipment General
- Lifting Machines Manual
- Lifting Machines Power
- Runways & Crane Structures
- Overhead Travelling Crane
- Offshore Containers



Standards

NSL (North Sea Lifting):

- LE1 LEI (Lifting Equipment Inspection) Module 1 General Lifting Equipment.
- LE2 LEI (Lifting Equipment Inspector) Module 2 Winches & Powered Hoists.
- LE3 LEI (Lifting Equipment Inspector) Module 3 Pedestal & Mobile Cranes.
- LE4 LEI (Lifting Equipment Inspector) Module 4 Overhead Traveling, Runway Beams & Swing Jibs.
- LE5 LEI (Lifting Equipment Inspector) Module 5
- LE6 LEI (Lifting Equipment Inspector) Module 6 Containers, Baskets & other Cargo Carrying Units.

ASNT (American Society Non Destructive Testing):

ASNT MPI MAGNETIC PARTICLE INSPECTION ASNT DPI DYE PENETRANT INSPECTION.



Tubular Inspection

Tubular Inspection Includes:

- Inspection of new & used oil country tubular good covering, Drill pipes.
- Heavy Weight Drill Pipes, Drill Colars, Casing.
- Tubing and Bottom Hole Assembly.
- Inspection Services in offer are.
- Electromagnetic inspection unit - EMI for Drill Pipe body Inspection.
- Magnetic particle Inspection - MPI.
- Electromagnetic inspection unit - EMI for Tubing body Inspection.
- Ultrasonic Share Wave.
- Electromagnetic inspection unit - EMI for Casing body Inspection.
- Wet flourescent magnetic particle (back light) inspection.
- Ultrasonic Thickness Guages.
- Internally full length cleaning machine.
- Break out bucking machine.
- Tool Joint Dimensional Inspection.
- Dye Pentrant Testing API full Length Drifting.
- Externally full length cleaning machine.
- Dimensional Inspection of Rotary Shoulder.
- Dimensional Inspection of pipe.
- Visual pipe inspection.
- Visual Thread Inspection.
- Straightening Machine.
- Hardness Testing.
- Thread Guaging Unit.





(NDT) Inspection

We undertake non-destructive testing (NDT) using:

- Magnetic Particle Inspection - proven and reliable, MPI uses magnetic field patterns to detect surface/near-surface flaws ferrous materials.
- Dye Penetrant Inspection - DPI is the fast, low-cost means of detecting surface extruding flaws such as cracks or porosity over large areas.
- Eddy Current Inspection - used to detect surface exuding defects such as fatigue without the need to remove protective coatings.
- Ultrasonic Inspection - a quick and highly precise method for establishing the presence, extent and type of flaws in most materials.
- Design and Fabrication.

Welding Processing:

1. SNAW
2. GTAW

Inspection:

- | | |
|--------------------------------|---------------------------------------|
| 1. Visual Inspection Test (VT) | 2. Magnetic Particle Inspection (MPI) |
| 3. Liquid Penetrant Test (PT) | 4. Ultrasonic Test (UT) |
| 5. TOFD | 6. Radiography Test (RT) |

Training Programs

NDT Courses:

Inspection & NCT Fundamentals:

- Visual Inspection (VT) level I & II.
- Ultrasonic Testing (UT) level I & II.
- Dye Penetrant Testing (PT) level I & II.
- Radiography Testing (RT) level I & II.
- Magnetic Particle Testing (MT) level I & II.
- Eddy Current Testing (ET) level I & II.

API Courses:

- API 579 Fitness for Service.
- API 570 Authorizes Piping Inspector preparation course
- API 510 Authorized Pressure Vessel Inspector preparation course
- API 653 Authorized Tank Inspector preparation course
- API 577 Advanced Knowledge in Welding inspection & metallurgy.
- API 571 Advanced Knowledge in Corrosion Damage mechanisms.
- API 580 Risk Based Inspection.

Welding Inspection Courses:

- ASW/CWI Certified Welding Inspector preparation course.
- TWI/CSWIP 3.1 welding Inspector preparation course.
- Welding Technology & Processes.
- TWI/CSWIP 3.2.2 Senior Welding Inspector preparation course
- Metallurgy & Heat Treatment.
- Welding Inspection & Measurements Welding.
- Material Selection, Receiving and review of Mill Test certification
- WPS, PQR, WPQ Overview & preparation and Electrode selection.



Calibration & Testing Services

Pressure & Torque Lab:

- Pressure Chart Recorders.
- Pressure Transducers.
- Weight Indicators.
- Pressure Gauges.
- Torque Wrenches.
- Pressure Relief Devices (PRD).

Electricity & Temperature Lab:

- Circuit Breakers & Insulation Resistance.
- SPM/RPM Guages.
- Heat Ovens.
- Welding Machines.
- Resistance Temp. Detectors (RTDs).
- Multi-meters.
- Thermocouples.
- Temp. Chart Recorders.

Gas Detection & Fire Fighting Lab:

- Inspection of SCBA Mask and its Air quality.
- Measuring of Gases Concentrations & Purity.
- Refilling & Inspection of Fire Extinguishers.
- Fixed Gas Detection Systems.
- Single/Multi Portable Gas Detectors.

Dimensional Measuring Tools Lab:

- Dial Indicators.
- Micrometers.
- Digimatic Indicators.
- OD Guages.
- Vernier Calipers.



Pressure Test Services:

- Drilling Through Equipment (BOPs).
- Valves (including Pressure Relief Devices).
- Pressure Vessels (including SCBA & Gas cylinders).

Instrumentation Services:

Repair most of indicators, detectors & measuring devices & systems. Installation and Calibration of Rig Drilling Monitoring Systems and Rig Fixed Gas Detection Systems.

Instrumentation Services:

T.I.S now many Systems:

- Calibration, Inspection Data Management System.
- Customer Relationship Management System : To manage the Relationship with our customers including; Quotations, Request, KPIs, Invoices and much more.
- HR & QHSE System.
- Procurement System.

Our Client's representatives receive the schedule report for certification status. Also they can access and download their reports from our Cloud System at any time and from anywhere.

