



Al Tair Inspection Services

Al Tair Inspection Services (ATIS) Offers Inspection services in various fields of Engineering, Manufacturing and Oil & Gas sectors. Well trained, Experienced and Competent Engineers/Inspectors along with sophisticated and most modern calibrated equipments, we ensure your equipments and workplace meets Global Standards and Inspection requirements. We are ever ready with the third party Inspection, Testing and Certification services according to legal/Municipality/Clients requirements to ensure a Safe Working Experience.

We offer Services for:

- Oil and Gas Industries.
- Refineries.
- Manufacturing/Fabrication sectors.
- HVAC Industries.
- Marine Engineering Industry & Ship Building.
- Electromechanical Services.
- Commercial and Residential Buildings.
- Shopping Malls and Hotels.
- Construction Sectors.
- Workshop/Garages.

Through our experienced and well trained Engineers, we make sure that Quality is delivered at its very best level, through globally acceptable Inspection methods in

- Lifting Gears.
- Lifting Accessories.
- Boilers.
- Pressure Vessels.
- Air Compressors.
- Air Receivers.

- LPG Tank.
- Diesel/Oil Storage Tank.
- Scaffoldings.
- LPG Cylinder Inspection and Certification.
- Non Destructive Testing.
- Industrial & Occupational Health and Safety Training

Quality policy.

We emphasize on Customer contentment and surpass their expectations through a squad of trained and dedicated personnel, and providing an aura of joy and satisfaction for our employees by continually improving the effectiveness of Quality Management System.

Vision.

To be the synonym for service of highest standard in the field of Inspection and Certification by providing a Safe and Quality work Environment and Equipment.

Mission.

To provide expert technical services in a professional manner to assure a safe and quality work environment and equipment for the client.

To carry out activities strictly based on customer requirement to hold 100 % customer satisfaction.

HSE policy.

To provide a cleaner, safer and better environment to work on.

To reduce the Health & Safety risks associated with the activity of the client, thus enhancing their commitments shown towards social, moral, economical and Legislative aspects.

To help our clients to achieve Zero accident rate through our quality maintaining and monitoring process.

To increase the per capita working hours by identifying the health and safety aspects which in turns benefit the client in terms of productivity.

To make all the workers safety cautious, by giving awareness on the importance of reporting incidences & near misses and train them for the same.

Confidentiality & Impartiality policy

- We understand the importance of the impartiality in carrying out the Inspection and Certification activities.
- We have identified and analyzed the possibilities to conflict of Interest and the threats to impartiality.
- We safe guard and manage the conflict of interest.
- We ensure the objectivities of Inspection and certification activities.

NON DESTRUCTIVE TESTING INSPECTION SERVICES (NDT)

With the increasing demand in ensuring high degree of excellence for the delivered product, Non Destructive Inspection is playing an ever growing role in this process. It significantly reduces the impact of breakdown by identifying the issues early in any process. Over the year NDT has been a proven tool to amplify the quality of any product from conception to completion.

Quality control of engineering products can be effectively done through Non Destructive Testing (NDT) methods. We are happy to serve you for all your NDT needs with latest equipments, machineries and highly experienced human resource.

Our NDT Team is registered and approved by ASNT (American Society for Non- Destructive testing), CSWIP/AWS and various other international Certification agencies and are authorized to carry out Inspection methods such as:

- **Visual Inspection.**
- **Ultrasonic Inspection.**
- **Radiography Inspection.**
- **Liquid Penetrant Testing.**
- **Magnetic Particle Testing and,**
- **Eddy Current Testing.**

We ensure Quality Control requirements of your organization are always met through our Clinical Inspection procedures.

LIFTING EQUIPMENTS & ACCESSORIES INSPECTION

We provide a full equipped LEEA Certified Engineers to carry out a wide range of Inspection Services on Lifting Equipments and Accessories:

- Tower Cranes.
- Overhead Travelling Crane.
- Mobile Crane
- Swing Jib Crane.
- Offshore Pedestal Crane.
- Construction Hoist.
- Elevators.
- Escalators
- Forklift Trucks.
- Mobile Elevated Working Platform.
- Webbing Slings.
- Chain Slings.
- Chain Blocks.
- Shackles.
- Wire Rope Slings.
- Beam Clamps.
- Rigging Screws
- Hooks.
- Chain Hoists.



Lifting Inspection Services are completely In accordance with LOLER (Lifting Op0erations and Lifting Equipments Regulations), POWER and COPSULE Standards. We also comply with the American Institute of Petroleum Standards (API), British Standards and European guidelines. We are ready to accept the client Specific standard if provided.

ATIS Engineers attend Professional Training periodically to ensure their Competency and Information regarding the up to date Code of Practices and recommended procedures.

Periodic Inspections are carried out to determine the need for repair or rejection of any Lifting Elements or Components to ensure the Equipment is safe and fit for use with all applicable Legislatures and Regulations. After thorough Inspection based on Internationally Accepted Standards on the Lifting Equipment and Lifting Accessories, the Inspection Certificate will be

produced before the client which makes a decisive contribution towards functional safety when the Equipments are under Industrial Operations.

The Range of services are

- Lifting Operations and Lifting Equipment Regulations (LOLER) Inspection and Certification for Lifting Equipments and Accessories.
- Visual Inspection, Functional Test, Safe working load/Proof Load Testing for all types of Cranes.
- Inspection and Certification of Wire Ropes.
- Inspection and Certification of Cradles.
- Inspection and Certification of Construction of Lifts/Elevator/Escalator.
- Inspection and Certification of lifting gears.
- Periodic Inspection of lifting equipments and accessories.

Lifting Gear Inspection

Lifting gear Inspection (LGI) is an unbiased Inspection carried out by a third party on the lifting equipment. All equipments related to Lifting Process is thoroughly examined and inspected to ensure its compliance with the site safety rules and set standards. Various Inspection methods such as Visual Inspection, NDT Inspection, Load Testing are carried out to prepare the "Inspection Certificate".

Rejection Criteria

After the completion of the Inspection, if any Equipment is found to be in non compliance with the International Standard/Legal/Local Requirement or LEEA, API, BS or European Standards(whichever is applicable), it is clearly marked and the client is informed with a detailed Inspection Report of the Rejected Item and is documented for further reference. Client shall rectify the non satisfactory comments mentioned in the reports and a re-Inspection shall be requested.

INSPECTION OF AIR COMPRESSORS

With tremendously expanding demand for increase in productivity, use of Air Compressor is becoming inevitable for any Industry. ATIS provides all types of Inspection and Certification services for Air Compressors to ensure the

compliance as per American Petroleum Institute (API) and American Society of Mechanical engineers (ASME). We inspect all types of Air Compressors such as

- Centrifugal Compressors.
- Axial Compressor.
- Process screw Compressor.
- Turbo Compressor.
- Reciprocating Compressor.
- Rotary screw Compressor.
- Single stage and multi stage Compressor.

Need for Inspecting an Air Compressor

An Air Compressor is designed to work under high Pressure. Regular monitoring and Inspection is required to evaluate the performance of the Air Compressor. Certain Hazards associated with the functioning of Air Compressor are

- Rupture under Excessive Pressure.
- Oil Leaks.
- Foreign Particles
- Over Heating
- Explosion. Etc.

Spectrum of our Services

- Wall Thickness Measurement
- Inspection for Damage and Cracks.
- Vibration Analysis.
- Leakage or Damage Inspection.
- Inspection of Gaskets, 'o' Rings and Seals according to the Manufacturer's specification.
- Inspection of Drive Belt.
- Cleaning of the Interior Elements.
- Rotor Balancing at Low and High Speeds.
- Calibration of Pressure Gauges.

BOILERS AND PRESSURE VESSELS INSPECTION

We provide complete solution for all your Boilers and Pressure Vessels Inspection and Quality control requirements. Our Inspectors are well experienced in API and ASME Standards for Boilers and Pressure Vessels and are the most skilled in the business.

Types of Pressure Vessels and Boilers we inspect

- Thin walled Pressure Vessels.
- Fire tube Boilers.
- Water tube Boilers.
- D- type Boilers.
- A- type Boilers.
- O- type Boilers
- Thick walled Pressure Vessels.
- Transportable containers.
- Propane bottles
- Gas cylinders.
- Fired Pressure Vessels.
- Unfired Pressure Vessels.

Our services includes

- Inspection and Certification for Gas Leakage.
- Wall Thickness Measurement.
- Periodical/thorough and Major Inspection and Certification.
- Shop Inspection services for Boilers and Pressure Vessels Manufacturers.

SCAFFOLDING INSPECTION

Scaffoldings play a vital role in Construction and other fields where access to heights are required to carry out a job. As these Structures posses potential hazards including

- Collapse.
- Fall from Height.
- Electric Shock due to Connection with Over Head Lines. Etc.

ATIS Engineers responsibly carries out the third party Inspection for different types of scaffolds used in Construction and other Engineering Sectors. Our Service includes the Inspection of following types of Scaffolding

- Suspended Scaffolding.
- Supported Scaffolding.
- Aerial Lifts.
- Independent or Birdcage Scaffolding.
- Mobile Scaffolding.
- Fixed Scaffolding and
- Cantilever Scaffolding.

LPG Cylinder & Pipeline Inspection and Certification.

ATIS responsibly carry out Inspection and Certification process for Liquified Petroleum Gas (LPG) Cylinders before it is delivered for Domestic and Industrial application. We are the experts in Middle East to carry out LPG Cylinders Inspection and we underline the statement through our expert Engineers and Technicians.

Industries dealing with the storage and supply of LPG are prone to accidents caused due to Leakage and Explosion of LPG. Various Inspection methods are carried out to confirm the Integrity of LPG Cylinders and Network Distribution Pipe line such as:

- Pipe Line Network Distribution Leakage Test.
- Functional Test for LPG Detectors.
- Visual Inspection.
- Hydro Test.
- Foam Test.

INDUSTRIAL & OCCUPATIONAL HEALTH AND SAFETY TRAINING

Through our Experienced Faculty of Tutors, ATIS provides training to increase the awareness in the field of Industrial & Occupational Health and Safety. With a forward vision to create a Safe Environment to work, ATIS provides Safety training such as:

- Basic First Aid Training.
- Basic Fire Fighting Training.
- Working at Height.

- Confined Space Entry.
- Rigging and Slings Training.
- Safe Use of Tower Crane.
- Safe Use of Mobile Crane.
- Safe Use of Overhead Travelling Crane.
- Safe Use of Window Cradle.
- Safe Use of Fork Lift.
- Safe Use of Scaffolding.
- Safety Officer Training.

OPERATOR ASSESSMENT PROGRAMS

- Tower Crane Operator.
- Mobile Crane Operator.
- Overhead Crane Operator.
- Window Cradle Operator.
- Fork Lift Operator.
- Backhoe Loader.
- Excavators Operator.
- Bulldozers.
- Dump Trucks.
- All Types of Earth moving Equipments.

