



# INDUSTRIAL INSPECTION

Saudi Industrial Inspection Services co.



Affiliate of  
GCC Lab

## Right Partner, Right Solution



# TABLE OF CONTENTS

Mission & Vision	03
About QI	04
Our Services	07
Training	25
Accreditation & Certification	26
Our Partners	27
Key Clients	28
Contact Us	29

# MISSION & VISION

## Mission

To be the leading inspection company both locally and globally at providing customers with reliable and high-quality services that align with international standards for quality, safety, and innovation in the industrial sector.

## Vision

To provide the highest level of industrial inspection and testing services, ensuring the safety and efficiency of our clients' operations through the most comprehensive advanced technologies, innovative solutions, and expert guidance.



# ABOUT US

QI has grown organically to serve a wide range of industries, including Oil and Gas, Power generation, Petrochemical, Automotive, Aviation, Railways, Marine, Ports, and more. Our goal is to help these sectors better manage their assets and infrastructure in line with international standards. Acquired 100% by GCCLAB, QI now serves as the TIC (Testing, Inspection, and Compliance) arm for the GCC and MENA Region.

We are dedicated to offering the most comprehensive and advanced technologies and solutions, continuously improving and optimizing our services. At QI, our commitment to delivering value to customers is demonstrated through reliable, high-quality services. We achieve this by:

- Ensuring that our testing, calibration, and inspection procedures adhere to national and international standards, such as ISO 17025, ISO 17020, ISO 9001, and other regulatory bodies, while fulfilling the specific needs of our clients.
- Providing accurate test results and adhering to professional laboratory practices.
- Guaranteeing that our staff fully understand and adhere to our quality management system's policies and procedures.
- Continuously training our staff in ISO 17025 and ISO 17020 standards to guarantee optimal performance, efficiency, and the highest levels of customer satisfaction, keeping pace with market demands.



# OUR VALUES

## Expertise

Due to the experience, training and further education, its more than 1,500 predominantly technical employees are competent partners in all segments of technical safety, quality and environmental protection. Through its work in numerous national and international committees and relevant research activities, the QI is always well informed about current developments.

## Objectivity / Integrity

QI operates independently, free from any economic ties or dependencies with authorities, industry, trade, or other stakeholders, ensuring impartiality in all its services.

## High Availability

QI's services are not dependent on individuals, but rather on teams of highly qualified experts, ensuring reliable and continuous availability.

## Quality assured services

QI's robust organizational and quality management systems ensure the consistent delivery of top-tier services across all operations.

## Worldwide Recognition

QI's documents are widely recognized across the European Economic Area and beyond, providing legal certainty and acceptance with authorities, businesses, and the public.

## State-of-the art Testing Equipment

QI utilizes a vast range of high-quality, calibrated measuring devices and test facilities at its centers throughout Saudi Arabia, ensuring accurate and reliable testing.



# EXPERIENCES

Outsourcing Services

Oil, Gas & Chemicals Services

Governmental and Institutional Services

Environment, Health & Safety Services

Certification & Business Enhancement

Industrial Services

Data Analytics Services

Consultancy

Workforce Training Services

Product Testing Services

Transportation Services

Consumer & Retail Services



# OUR SERVICES



**Non-Destructive Testing (NDT)**



**Third Party Inspection (TPI)**



**Lifting**



**Plant Assessment and Shutdown**



**Civil Defense & SASO Services**



**Material Lab Testing**



**Testing & Commissioning**



**Curtain Walls & Facade Inspection**



**Engineering Compliance Services**



**Safety**



**Electrical Inspection**



**Technical Staffing Services**



**Drone Inspection**



# LIFTING SERVICES

Crane Inspection

Mobile Elevating Work Platforms

Heavy & Earth Moving Equipment Inspection

Rig Equipment Inspection

Lifting Gear Inspection (Shackles,  
Wire rope slings & Flat woven webbing slings)

Cargo Container Unit CCU

Scaffolding Inspection

Blue Sticker Inspection







Offshore Inspection




Drop Survey Service




Load Testing (Mobile Cranes, Overhead Crane, Spreader Beam, BOP Hoist, Super Sack Hoist, Man basket, Offshore/ Onshore Crane, BOP Lifting Frame)



Rope Access Services (Derrick Inspection, NDT Inspection, Lifting Equipment inspection, Mechanical Installation, Flare Boom Maintenance, Repairs, Bolt Torque, Cleaning)



CAT-III & CAT-IV NDT Inspection (We are capable of conducting CAT-III and CAT-IV NDT inspection services for drilling and Work-over Rig Structures, hoisting equipment, Drilling rotary equipment, and drilling handling tools as specified in accordance with API RP 4G, API RP 7L, API RP 8C Requirements. Equipment listed as per standard includes Drilling and work service structures (API RP 4G), Hoisting equipment (API RP 8B), Drilling rotary equipment (API RP 7L))



Rental Test Weight (Test weights/Dead weights blocks in all capacities, Water bags in all capacities, Air bags in all capacities)



Training & Assessments (Crane Operator Course, Crane Inspector Course, Rigger Course, Lifting Equipment Inspection, Assessment: Mobile Crane Operator Forklift Operator Working at Height)

# NON-DESTRUCTIVE TESTING (NDT)

## Conventional NDT Services

### Ultrasonic Testing Flaw Detection

- UT Welding
- UT Casting
- UT Forging
- UT High Temperature

### Ultrasonic Thickness Measurement

### Radiographic Testing

### Magnetic Particle Testing

- Wet Fluorescent / Wet Visible
- Multi Directional
- Dry Fluorescent / Dry Visible
- Prod Technique

### Vacuum Box Testing

### Dye Penetrant Testing

- Fluorescent
- Visible

### Dry Film Thickness Measurement

### Eddy Current Testing

- Flaw Detection
- Tube Inspection
- Bolt Hole Testing

### Baroscopic Inspection

### Portable Hardness Testing



# Advanced NDT Services

## Robotic Technologies

- API 653 In-service Robotic Tank Inspection
- Robotic Tank Surface Preparation
- Robotic Inspection Crawler
- Robotic Painting and Coating

## Acoustic Emission and Pressure Testing

- Pressure and leak testing of various plant components
- Leak and corrosion testing • Leak testing of pipelines

## Internal Rotary Inspection System

- Advanced Tube Inspection

## Remote Filled Eddy Current Tube Inspection

## Near Filled Testing

## Eddy Current Array Inspection

- For Rivets • Corrosion Detection

## Ultrasonic Testing

- Weld Rover Scanner
- Phased Array Ultrasonic Inspection
- Hydro form Scanner • Chain Scanner
- Cobra Scanner • FLEX Scanner

## Magnetic Flux Leakage

- Tank Bottom Inspection

## Short Range Ultrasonic Inspection

## Long Range Ultrasonic Inspection

## Ultrasonic Corrosion Mapping

- Scorpion UT Crawler

## Remote visual inspection

## Thermal Imaging

## Pulsed Eddy Current PEC • (LYFT)

# THIRD PARTY INSPECTION (TPI)

- Mechanical Inspection
- Electrical & instrumentation inspection
- Welding Inspection
- Coating Inspection
- Civil Inspection
- HVAC Inspection (T&C)
- Rotating Inspection
- Static Inspection
- Hydrotesting inspection witnessing
- Refractory Inspection
- Settlement / Calibration for static equipment's
- Testing & Commissioning
- Fuel Tanker truck inspection
- Liquified GAS Tanker "LPG"
- Trailers/ Semi-Trailers
- Buses



# PLANT ASSESSMENT AND SHUTDOWN

## Introduction

Through early monitoring of the equipment condition, assessment and identification of potential deterioration, we support our clients to minimize the down time for repair and maintenance. During the shutdown, our expert team utilizes the innovation and most advanced solutions to save time, cost and add environmental, safety and quality values for the client personnel and assets.

## Industry Expertise

- **Refinery and Petrochemical Plants:** QI Saudi Industrial Inspection Services as an affiliate of GCC LAB provides its services for the major end users and oil/gas organizations.
- **Case Studies/Projects:** As one of success stories was to plan and conduct acoustic emission NDT which discovered cracks in the tank floor while the tank was full of the service fluid (not empty). Other capabilities for crawler NDT, MFL and drone are of services to support our clients.



## Services

- **Inspection Services:** Review of the equipment history, repair and maintenance log, inspection and Test Plan (ITP), procedures and inspection reports. Provide visual inspection, corrosion monitoring and Verification of condition monitoring locations.
- **NDT Services:** Provide conventional and Advanced NDT as per the inspection plan and as recommended by Inspection team like MT, PT, UTT, UTSW, PAUT, UT Crawler, MFL tank floor, PMI, Hardness test, Borescope, IR, Tube testing for exchangers and boilers.
- **Assessment Services:** Interpret the findings collected from inspection and testing. Assess the findings like corrosion, erosion, pitting and any other deterioration or damage. Calculate the corrosion rate, operating conditions, remaining life and inspection intervals.






## Certifications and Qualifications

- **Qualified team and Certifications:** Provide services through expert team with the highest qualification and certifications per the industry international standards and authorities like ASNT, API and ASME in addition to the national standards like ARAMCO, SABIC and national authorities like SAC and SASO.

## Technology and Equipment

- Innovated and Customized solutions are being planned and conducted for challenged scopes.

# CIVIL DEFENSE & SASO SERVICES

-  Elevators
-  Escalators
-  Amusement Rides
-  Live Events
-  Fire Fighting Systems



# MATERIAL LAB TESTING

- Mechanical Testing
- Failure Analysis
- Positive Material Identification
- Metallographic Analysis
- Chemical Analysis

## Our Services include

- Chemical Composition Analysis (Optical Emission Spectrometer)
- Dimensional Measurements
- Mechanical Properties Testing
- Metallurgical Examination
- Microstructure Analysis
- Tensile Testing
- Bend Testing
- Compression Testing
- Hardness Testing
- Fatigue Testing
- Positive Material Identification





# TESTING & COMMISSIONING

- Commissioning of MEP Systems
- Electrical Tests, Medium and Low Voltage.
- Clean Room Validation Services.
- Testing, Adjusting, Balancing for HVAC Systems (TAB)

## Commissioning Department

- Commissioning for whole New Construction Building
- Retro Commissioning for the existing buildings
- Operation and Maintenance Manual
- T\C Projects Time Schedules

## Testing Balancing Department

- Performance Tests for all HVAC equipment
- Ducts and Pipes Balancing Process
- Temperature and RH Measurements
- Noise level and Vibration Measurements

## Validation Department

- In door Air Quality Test
- Laminar Flow Test
- IQ & OQ Protocols

## Electrical Department

- Power Quality Test
- Insulation Test
- Thermographic Survey



# CURTAIN WALLS & FACADE INSPECTION

## Facade Consultancy Services

Contemporary facade design is evolving with technological advances and can become complex, often requiring expert input early in the process. At QI, we address this need by focusing on the facade design process, benefiting our clients and their teams. Our skilled engineers integrate seamlessly with the design-build team, ensuring adherence to relevant codes and standards. This approach minimizes discrepancies and potential conflicts, leading to a more efficient building envelope and reliable interface.



## Quality Assurance and Control

Successful projects depend on robust quality assurance and control. At QI, our qualified inspectors are available around the clock to monitor both on-site and off-site activities. With years of experience, we ensure that quality standards are maintained throughout—from material ordering and fabrication to storage and final installation—so clients receive a top-quality product

## Third Party Witnessing

For under-construction projects, we offer independent third-party witnessing services for various on-site and off-site tests, including air, hose water spray, and anchor pull-out tests. As a third party, we also oversee the manufacturing and fabrication processes of suppliers to ensure their internal quality control procedures meet project specifications and are fully implemented before any materials are dispatched to the site.

## Facade Performance Testing

As part of our quality assurance and control procedures, we are enhancing our capabilities for on-site air and water testing. Our management has also committed to investing in an off-site testing facility that will conduct a wide range of weather and structural tests commonly required for building facades.

## Material Testing

The building façade consists of various materials, including aluminum, steel, rubber, sealants, glass, and adhesives. To ensure these materials meet project specifications, we operate a well-established material testing laboratory equipped with state-of-the-art machinery. Our services include material strength tests, chemical composition analysis, non-destructive testing of welds, coating thickness measurements, and more.

# ENGINEERING COMPLIANCE SERVICES

**Assuring Technical and Management Compliance regarding Testing, Inspection and Certification “TIC” Services:**



Regulatory



International Standards



Client or Interested parties' requirements



Written schemes



Sustainability requirements



Risk Management



Documentation Validation and Verification



# SAFETY

## Make Sustainability Supporting Services

**Supporting sustainable economic business, by training, verification, auditing and certification.**

- Expert team with multiple disciplines and various types of industries.
- Risk Management and Environmental Aspect Impact Controls.
- Energy resources, Infrastructure and products sustainability validation and assessment.
- Assuring safety and sustainability of mobility solutions, operating equipment, and industrial sectors.
- Onsite assessment and auditing for hazards, risks, environmental impacts, personal safety performance and its control measures.
- Assuring HSE management system conformance.
- Personal assessment and certification.
- Various reporting through automated workflows systems and set of KPIs.



# ELECTRICAL INSPECTION

Testing of high and low voltage systems

Lightning protection, potential equalization, EMC interference

Process control systems, functional safety of plant and machinery, power quality assessment

Electrical equipment of machinery

CE conformity assessment for electrical appliances

Plant thermography, predictive maintenance, cathodic corrosion protection

Testing of Electrical Equipment per AMVO Standards

Green Electricity Certificates \ biomethane certificates



# TECHNICAL STAFFING SERVICES

**QI provides clients with a qualified and experienced Technical team, including:**

- Project Managers
- Project Engineers
- QA/QC Manager
- Mechanical, E&I and Civil Inspectors and Supervisors
- HSE Professionals
- Welding Engineers & Supervisors
- Material Coordinators & Controllers
- Coating Inspectors & supervisors
- Other specialized resources as needed



Our Manpower Supply Services offer flexibility for both short-term and long-term employment, with candidates available immediately or following an initial probation period under QI's employment. This allows clients to focus on their core business while managing operational costs, accessing skilled personnel, and reducing recruitment time and expenses.

# DRONE INSPECTION:

OHTL for Power & Utilities

Confined Space Inspections

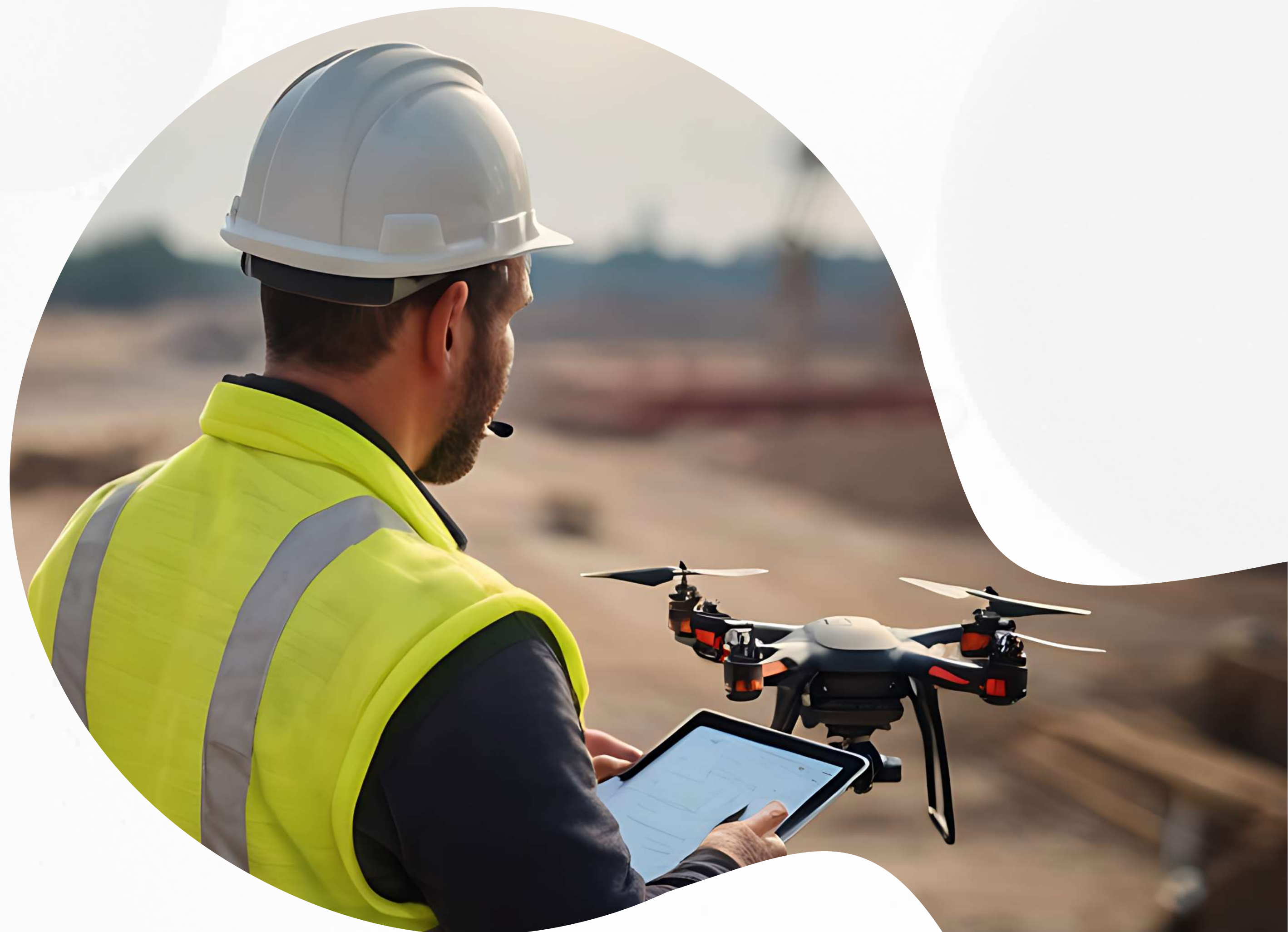
Flare Stacks and Chimneys

Solar Panels

Pipeline Inspections

Telecommunication Towers

Bridge Inspections





# TRAINING

## Ultrasonic Testing (UT) Course

- (Level I, Level II)

## Radiographic Testing (RT) Course

- (Level I, Level II)

## Magnetic Particles Testing (MT) Course

- (Level I, Level II)

## Penetrant Testing (PT) Course

- (Level I, Level II)

## Eddy Current Testing (ET)

- (Level I, Level II)

## Lifting Gear Inspection Course

- (Level I, Level II)

## Visual Inspection (VT) Course

- (Level I, Level II)

## Welding Inspection

## Paint and Coating Inspection

## Personal Assessment and Certification

- Work At Height
- First Aid Training at work
- Scaffolding inspector and erectors training and certification
- Heavy Equipment Operator
- Confined Space entry training
- Electrical Safety
- Rigger1, 2 and 3
- Lifting operator Training

OHSAS 18001, ISO 14001 and ISO 9001 Audit and Training



# ACCREDITATION & CERTIFICATION

- ISO 9001 / 100284/SAU09A / 2015
- ISO 14001 / 100284/SAU09A / 2015
- ISO 45001 / 100284/SAU09A / 2018



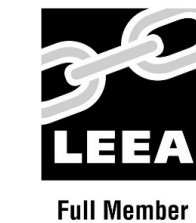
- DROPS



- ISO/IEC 17020 / N-I-00031 / 2012



- LEEA - Lifting Equipment Engineers Association - 6358



- ISO/IEC 17020 / IB-062 / 2012



- ABS / 23-5769729-A



- SASO/INSP 0010 (Notification No)



- Saudi Aramco / Vendor Code No. 10058946



# OUR PARTNERS

**GCC Lab**  
المختبر الفليبي

**energy**  
*efficiency era*  
شركة عصر كفاءة الطاقة للتطوير والإستثمار الصناعي

 **gaptech**  
TECHNOLOGIES THAT BRIDGE GAPS

**GCC Technical services Co.**  
شركة المختبر الخليبي للخدمات الفنية

**GCC Electrical Power Lab Co.**  
شركة المختبر الخليبي للطاقة الكهربائية

**Gulf Renewables Energy Lab Co.**  
شركة المختبر الخليبي للطاقة المتجددة

**Gulf Industrial Services Co.**  
شركة الخليبية للخدمات الصناعية

# KEY CLIENTS



# CONTACT US

[WWW.QI.GCCLAB.COM.SA](http://WWW.QI.GCCLAB.COM.SA)

[Info@qi.gcclab.com.sa](mailto:Info@qi.gcclab.com.sa) | +0138689800

## OUR LOCATIONS



Dammam

7476, 2nd Industrial City, Al  
Dammam 1196

0138689800 Ext. 313/356



Riyadh

7905, New Industrial Area,  
Riyadh 14331



Jeddah

Al Mahjar, Jeddah