



# شركة جودة العرب للفح ص

## ARAB QUALITY INSPECTION COMPANY

Excellence in Inspection. Confidence in Quality

# ABOUT US

ARAB QUALITY INSPECTION COMPANY is one of the fast-growing provider of third-party inspection services for the Transportation and Construction industries. We also offer specialized consulting and professional training to meet international standards.

With certified experts, on-time delivery, and a strong commitment to quality, AQ is trusted by clients who value accuracy, reliability, and excellence.

## Our Mission

To prove that our company is capable to provide high quality services in the field of Engineering, Industrial Inspection and non-destructive Testing with the help of our multi- disciplined personnel, qualified and certified by an International Standard. To be a profitable provider of high-quality services to our customers and create a company that can attract, recruit and retain smart and talented employees to uplift their standard of living.

To promote the value of learning and use all of our resources in updating inspection techniques.

AQ is committed to achieve VISION and MISSION so that we will have our factual approach to decision making.

# Comprehensive Services

## INSPECTION AND CERTIFICATION OF ALL TYPES OF LIFTING EQUIPMENT

We are accredited to perform inspections on cranes, hoisting and lifting equipment's across the Saudi Arabia. Plus, we can also provide training for operators of cranes and all equipment's in accordance with local and international standards.

The following procedures are carried out to maintain the highest possible service:

- Checking of brakes, clutches, sheaves, and wire rope assemblies
- Design studies and calculation reviews
- Dynamic and static load testing
- Inspection of all the structural load bearing members, including sheaves
- Checking crane girders, rails and columns of overhead cranes to assure structural integrity
- Line level and span crane gantry surveys
- Non-destructive testing (NDT) of load hooks for cracks and visual inspections for distortions
- Operational tests to assure that your unit is functioning properly

This covers a wide range of lifting equipment including:

- Cranes (Tower, Mobile, & fixed)
- Vehicle Inspection Lifts
- Excavators & Earth Moving Equipment
- Forklifts
- Trucks
- Lifts
- Hoist
- Window Cleaning Equipment
- Mobile Elevating Work Platform

Lifting Accessories such as:

- Chain
- Slings
- Eyebolts etc.

## INSPECTION AND CERTIFICATION OF ALL TYPES OF ELEVATORS AND ESCALATORS

AQ reviews elevating device design submissions to ensure compliance with the Technical Standards and Safety, regulations and adopted safety codes and standards.

Testing and exercises are used to emphasize the requirements and inculcate the requirements. These include measuring and calculating top car clearance, bottom runby and clearances, governor trip setting, over speed switch settings, safety sliding distance, working pressure and relief valve setting, top and bottom run by, run limit timer, and other adjustments. Safety Integrity Level (SIL) rated devices are introduced and Fire Emergency Operation is covered.

### AQ offers

- Latest technology for elevator and escalator safety inspection
- Printing for elevator and escalator safety performance

EVA Vibration Analysis Tools software has quickly become the global standard for the measurement of elevator and escalator ride quality, and vibration & sound.

Equipment of this type also includes

- Elevator
- Dumbwaiter
- Escalator
- Travelator
- Moving walker



## CERTIFICATION OF ALL TYPES OF BOILERS & PRESSURE VESSELS

Pressure vessels are used in a variety of applications in both industry and the private sector. They appear in these sectors as industrial compressed air receivers and domestic hot water storage tanks. Other examples of pressure vessels are diving cylinders, recompression chambers, distillation towers, pressure reactors, autoclaves, & many other vessels in mining operations, oil refineries and petrochemical plants, nuclear reactor vessels, sub marine, & space ship habitats, pneumatic reservoirs, hydraulic reservoirs under pressure, rail vehicle airbrake reservoirs, road vehicle airbrake reservoirs, and storage vessels for liquefied gases such as ammonia, chlorine, propane, butane, and LPG.

Equipment of this type also includes

- Air Receivers
- Air Compressors
- Calorifiers
- Autoclaves



## INSPECTION AND CERTIFICATION OF ALL TYPES OF NDT

Non-destructive testing (NDT) is a wide group of analysis techniques used in science and industry to evaluate the properties of a material, component or system without causing damage. The terms Nondestructive examination (NDE), Nondestructive inspection (NDI), and Nondestructive evaluation (NDE) are also commonly used to describe this technology. Because NDT does not permanently alter the article being inspected, it is a highly valuable technique that can save both money and time in product evaluation, troubleshooting, and research.

Common NDT methods include

- Ultrasonic,
- Magnetic-Particle,
- Liquid Penetrant,
- Radiographic,
- Remote Visual Inspection
- Eddy-Current Testing
- Low Coherence Interferometry.

NDT is commonly used in forensic engineering, mechanical engineering, electrical engineering, civil engineering, systems engineering, aeronautical engineering, medicine

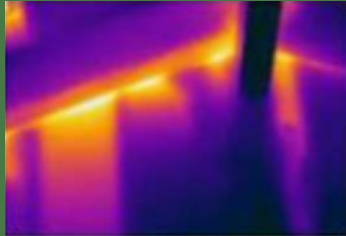
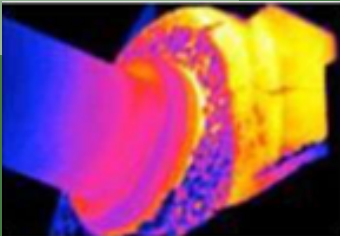
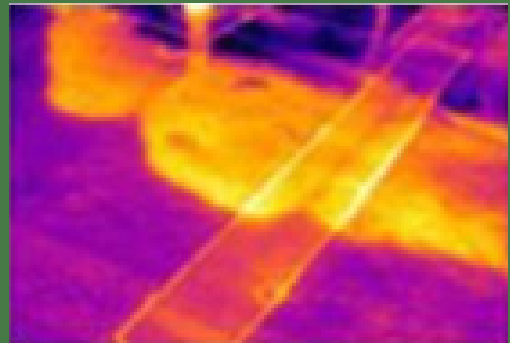
## INSPECTION AND CERTIFICATION OF ALL TYPES OF THERMAL IMAGE SERVICES

AQ is a specialist infrared thermo graphic surveying company, specializing in the scanning of electrical switchboards to detect high resistance joints and possible life threatening faults.

Infrared inspection or Thermography is used throughout industry as a key diagnostic tool for finding problems. Infrared inspections are a non destructive, non contact and a cost effective way to detect and document defects. We specialize in the Thermal imaging applications shown below

### Infrared roof inspection

Infrared roof moisture survey will find wet insulation on flat roofs and roof systems.



### Mechanical infrared

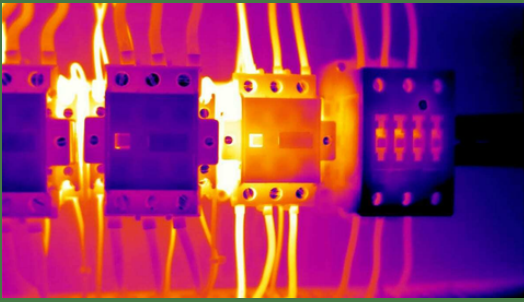
Infrared for rotating and mechanical equipment finds excess heat caused by wear, over/under lubrication and other factors.

### Building envelope infrared surveys

Thermal imaging for energy waste, steam leaks.

Building envelope survey for missing insulation and air infiltration.

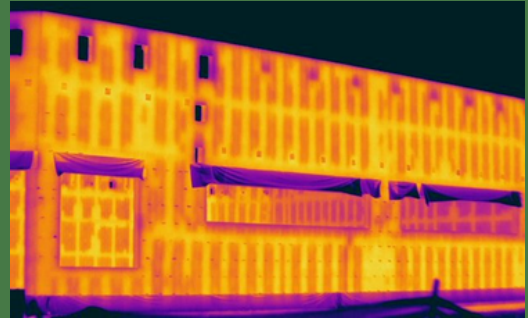




**Electrical infrared Inspection**  
 Infrared electrical surveys of cabinets and components for loose connections, worn parts and overloads.

**Structural Infrared inspections of CMU walls**

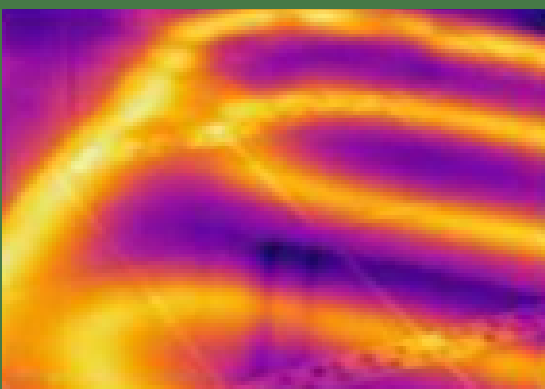
Find missing grout and other structural deficiencies in concrete masonry walls.



**Energy Audits**  
 The first step to lowering your utility bill is knowing what to do! An Energy audit can find where energy is escaping, and you lower your utility bills.

**Solar Panels**

Infrared imaging should be used to inspect the roof for moisture as well as commission the electronics of commercial solar panel arrays and residential PV solar installations.



**Infrared pipe and steam leak Inspection Services**

Infrared is the perfect tool for finding steam or water leaks from pipes buried underground or in the floor substrate. Breaks can be pin pointed and repaired without needless and destructive digging. Contact us for all types of commercial Infrared services



## **WIDE RANGE OF TRAININGS & INSPECTIONS**

We also provide following safety courses/training for

- Basic First Aid
- Basic Fire Fighting
- Basic Scaffolding Safety
- Safe Use of Cranes
- Safe Use of Suspended Access Equipment
- Safe Use of Forklift
- Construction Hoist
- Construction and General Safety Courses
- Rigging And Slings
- Crane Operator Assessment
- Forklift Operator Assessment
- Construction Hoist Operator Assessment
- Man basket Assessment

# Contact Us

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