



# EL-FARES

PROJECTS



WHO  
WE  
ARE?

**EL-FARES COMPANY** is leading provider in the field of maintenance services & industrial projects including mechanical & electrical affairs are carried out by either **The EL-FARES Professional Team** or through authorized partners.

Innovation is one of **EL-FARES** key values. This value is especially important when it comes to industrial projects each complex and challenging project comes with its own set of unique requirements. Our industry focus is vital in this area, and innovative engineering is a key success factor for these mega infrastructure projects.

**EL-FARES** services across all major industries, with a specific focus on seven industry segments : Power Generation, Food Industries, Fertilizers, Cement, Gypsum, Oil & Gas and Steel Manufacturing.



## VISION

Be one of the leaders in the engineering & construction services business and provide global, flexible, speedy, low cost and innovative technology solutions and best in class quality services to the industry.

## MISSION

Our mission is to deliver engineering designs which are defect free where our clients derive the best measurable value by cost avoidance, design optimization & construction saving. We will strive to implement the most innovative engineering concepts in practice. We would like to be a single source engineering provider bringing to our customers the knowledge base and technological edge at lower costs. We will remain dynamic in responding to our customer requirements and ensure their satisfaction at all times.

Thermal Insulation

M&E Maintenance

Refractories Installation

Condition Monitoring

Steel Structures & Cladding

Sandblasting

Mechanical Equipment Erection

Piping

Clean Room Builders

Inspection QA, QC

HVAC & Fire Fighting

NDT Services

Maintenance Management

Civil Projects

**Our Services**





# Thermal Insulation

**EI-FARES** thermal insulation services carries out the insulation works, including engineering, material supply, installation and quality control.

## Insulation Cases

Heat Conservation

Cold Medium Conversation

Personal Protection

Acoustic Insulation

# Refractories Installation

We have a strong technical force, first-class team whom possess rich experience of technological innovation & engineering design and construction for refractory engineering major project.

## Application

Vessels & Tanks

Electric Arc Furnace

Power Boilers

Glass Melting Furnace

Rotary Kiln

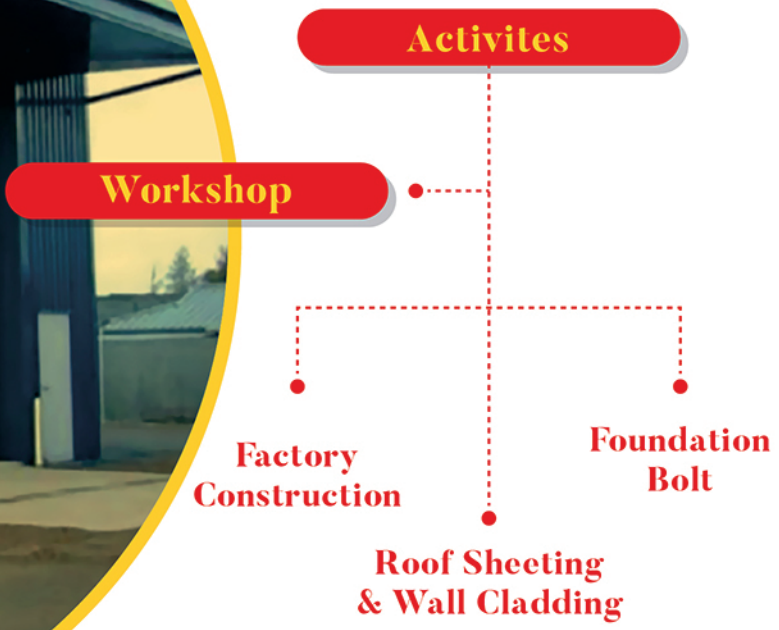
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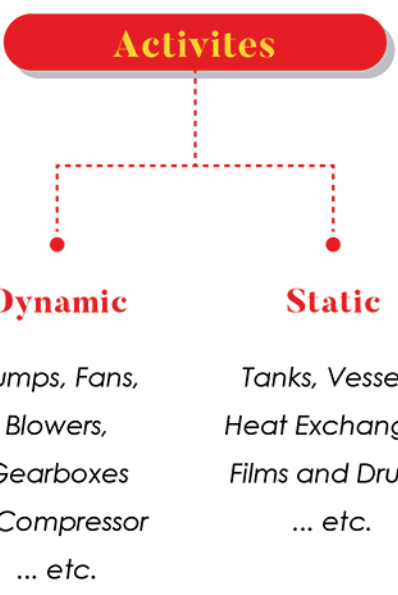


# Steel Structures & Cladding



# Mechanical Equipment Erection

We provide comprehensive machine installation solutions for production machinery, industrial plant and mechanical infrastructure.



**Dynamic**  
Pumps, Fans,  
Blowers,  
Gearboxes  
& Compressor  
... etc.

**Static**  
Tanks, Vessels,  
Heat Exchanger,  
Films and Drums  
... etc.





## Clean Room Builders

We provide installation solution for cleanroom building/extension where provisions are made to reduce particulate contamination and control other environmental parameters such as temperature, humidity and pressure. the key component is the high efficiency particulate air (HEPA) filter that is used to trap particles that are 0.3 micron and larger in size. all of the air delivered to a cleanroom passes through HEPA filters and in same cases where stringent cleanliness performance is necessary, ultra low particulate air (ULPA) filters are used.

## HVAC & Energy Solution

We have an extensive experience in the service, sales, installation and maintenance of all types of heating, ventilating and air conditioning systems for every type of building. we also service environmentally controlled systems.

### Our Services

Maintenance Contracts

Equipment Replacement

Forced Air Heat

New Installations Equipment

Analysis Reports

Air Conditioning



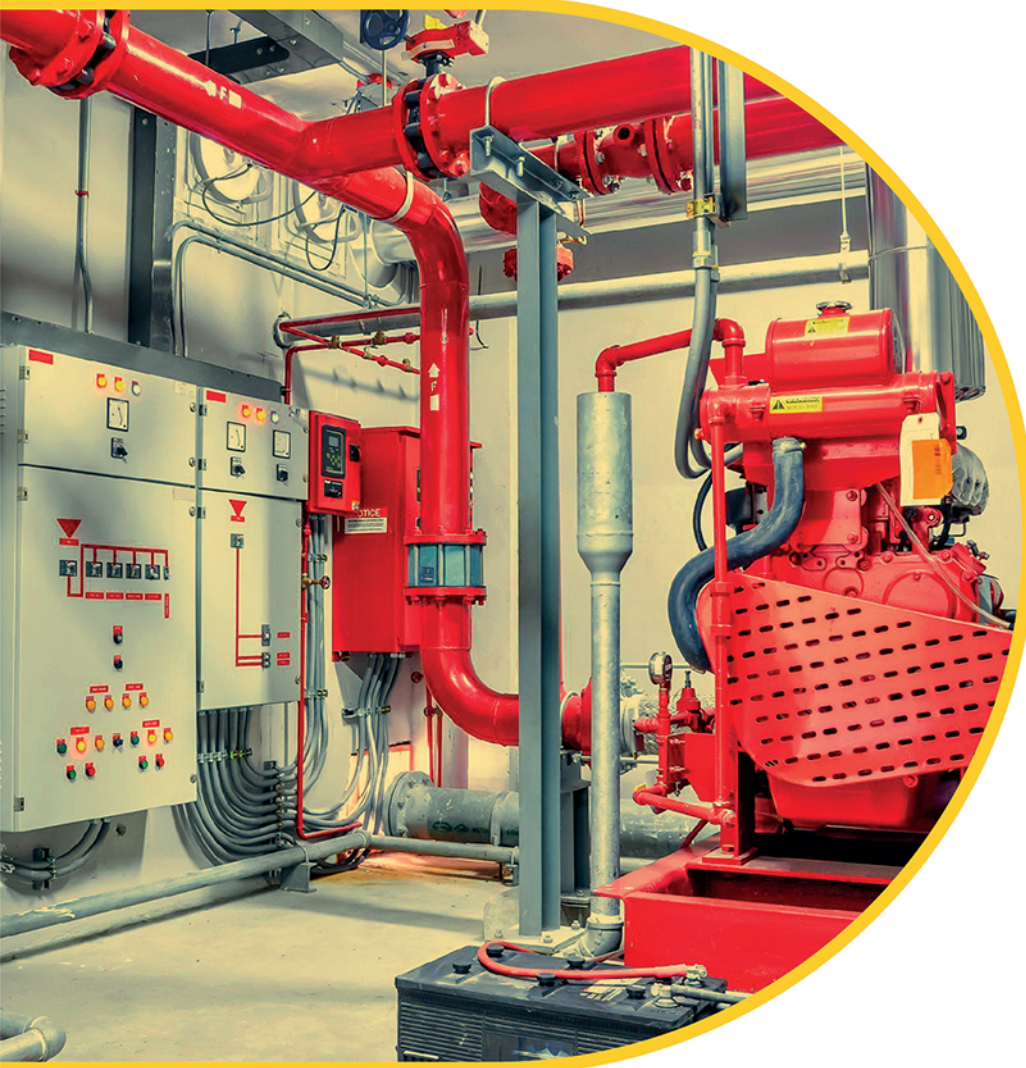


## Fire Fighting

**EL-FARES** promotes fire safety and security by providing innovative life solutions all under one roof.

**EL-FARES** offers a wide range of world-class firefighting equipment, fire pumps and controllers, fire protection systems, passive fire protection, extra-low voltage solutions, medical, safety, and training.

**EL-FARES** promotes safety and security to protect life and property across major industries namely residential and commercial facilities, oil and gas refineries, airports and aviation, health care and education, Food Industry hospitality and leisure.



## Piping

We specialize in industrial piping including; pipe fitting, pipe welding, sprinkler and boiler work, pipe marking.

We are certified in various phases of pipe welding.

We are a full operating Mechanical Contracting firm working with piping systems ranging from stainless steel, Hastelloy C - 276, Teflon lined, sanitary tubing, aluminum, fiberglass etc.

We work in a wide range of industrial facilities including food production plants, aviation facilities, textile production, printing facilities etc.





# M&E Maintenance

## Mechanical Maintenance Service



- *Maintain - Repair - Overhaul services combined with Commissioning support for a smooth overhaul process.*
- *Equipment Installations.*
- *Overhaul & repair on location.*
- *Start-up services.*
- *Lubrication service.*
- *Steam & Gas Turbine Services.*
- *Compressor Services.*
- *Pump overhaul & repair.*
- *Industrial Fans & blowers overhaul & repair.*



- *First line maintenance.*
- *Maintenance engineering.*
- *Inspections & Diagnostics.*
- *Rotating Equipment Inspection (API).*
- *Installation and relocation of machinery, equipment or parts.*
- *Planned and preventative maintenance schedules.*
- *Machine modifications and build.*
- *Gearbox inspection & repair.*
- *On job training.*
- *Pneumatic control system maintenance.*
- *Hydraulic control system maintenance.*
- *General maintenance contractors for machinery.*
- *Machinery & Mechanical repair.*



# M&E Maintenance

## Electrical Maintenance Service



Vibration  
Analysis



Infrared  
Thermography



Airborne  
Ultrasound



Laser  
Alignment



On-Site  
Balancing



Valve  
Calibration

## Inspection QA, QC

WE provide Inspection services globally which are carried out by accredited experienced professionals to verify quality and compliance to a recognized code, standard, regulation or client defined specification which can be customized to our Clients requirements include :

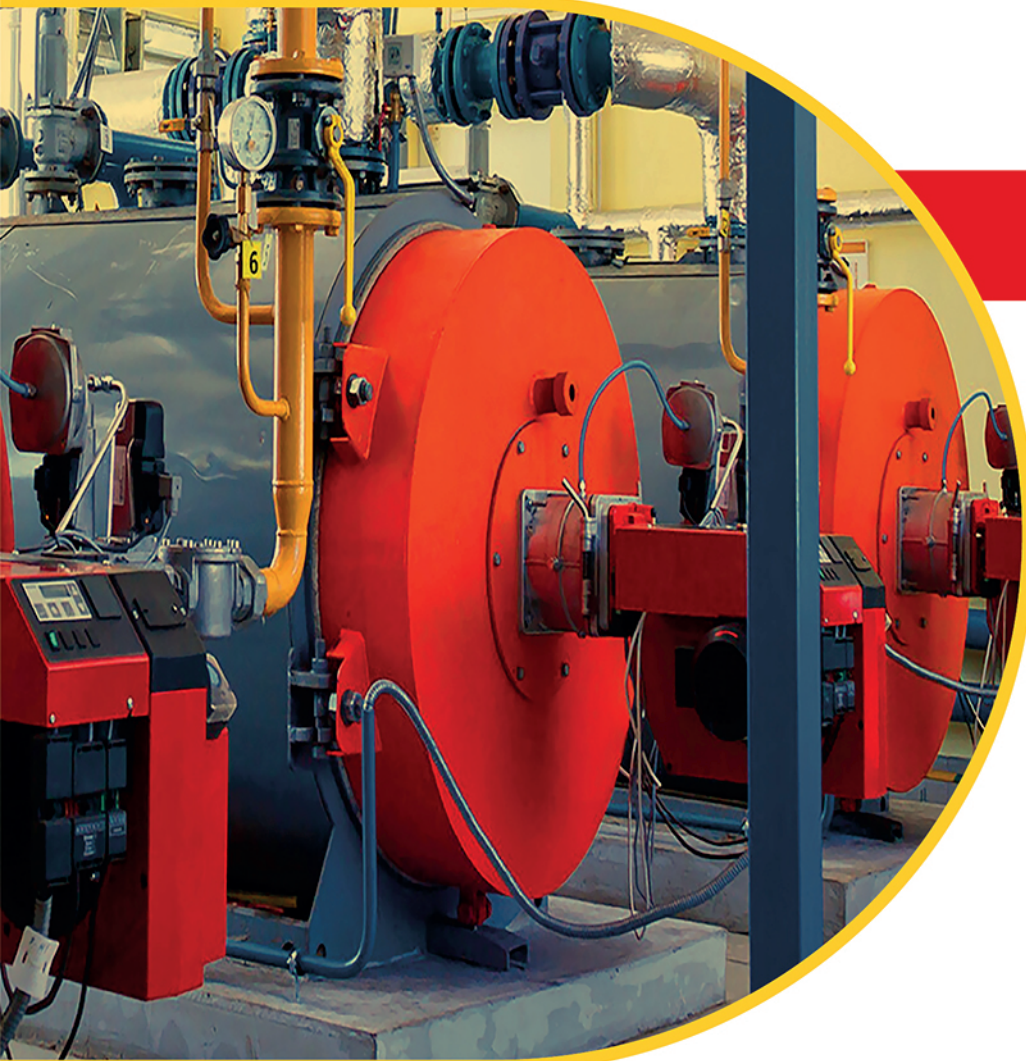
- Supplier and vendor surveillance.
- Witnessing of material testing, evaluation and controls.
- Witnessing of pressure teststing.
- Monitoring of fabrication, construction from Kick off to Commissioning.





# Inspection QA, QC

## Plant inspection service & solution



- Inspection of Piping.
- Inspection of Pressure Vessels.
- Inspection of Tanks.
- Inspection of Heat Exchangers.
- Inspection of Boilers.
- Inspection of Painting/Coating.
- Inspection & Testing of Valves and SRV.
- Inspection & Testing of Lifting Equipment.

- Monitoring technology for corrosion and erosion.
- Materials testing, analysis and failure investigation.
- Mechanical Static Equipment surveillance.
- Portable Equipment.
- Pipeline pressure testing & isolation.
- Site Inspection/commissioning.
- Inspection & Testing of Lifting Equipment.





# NDT Services

## Suplimentary

- Heat Treatment
  - Hardness
    - PMI
- Thickness Measurement

## Conventional

- Magnetic Particles
  - Inspection
- Dye Penetrant Testing
  - Ultrasonic Testing
- Radiographic Testing

## Advances

- Eddy Current Testing
  - MFL
- Thermographic Testing
  - Acoustic Emission
- Advnced Ultrasonic
  - Phased Array
    - TOFD
    - LRUT
  - IRIS | SRUT





## Civil Projects

According to our dealing in the project management department for 6 years, we carried out several civil projects with different customers starting from doing overall study of the project and necessary soil tests before drilling or concrete pouring according to engineering designs and timetables. Before carrying out the project, we used to identify the accurate previews and overall studies that project needed, we used the most advanced engineering programs and accurate documentary cycles.



Our teamwork consists of professional consultants, engineers, technicians and workers.

Who are able to reduce the error factor as possible, they also are committed to all international safety rules.

Some of civil projects we gained experience in and actually carried it out:

All concrete pours that serves installation, mechanical and electrical works, All building works, finishing and decorations.





# Team Certification



# Our Partners








# EL-FARES


PROJECTS





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