



# Company Profile



شركة وفاق للخدمات الصناعية والتقنية  
Wafaq Industrial & Technical Services Co.



## ABOUT US

Welcome to Wafaq Industrial & Technical Service Company, a distinguished leader in Industrial Services . As a subsidiary of Wafaq Al – Ej Contracting Company, a renowned pioneer in Construction Industry , we benefit from 13+ years of collective expertise and a shared commitment to excellence.

we pride ourselves on being a leading provider of comprehensive industrial services tailored to meet the diverse needs of our clients. With 10+ years of experience in the industry, we have built a solid reputation for delivering high-quality solutions that ensure efficiency, safety, and sustainability.

Our team consists of highly skilled professionals who are dedicated to excellence in every project we undertake. Whether it's Rotating equipment maintenance, E&I, Chemical Cleaning etc., we combine technical expertise with innovative approaches to exceed client expectations.

We understand the critical importance of reliability and precision in industrial operations. That's why we are committed to maintaining the highest standards of service delivery, adhering to industry best practices, and utilizing advanced technologies to achieve optimal results.

At Wafaq, we value long-term relationships with our clients and strive to be a trusted partner in their success. Our commitment to integrity, transparency, and customer satisfaction drives everything we do.



## OUR VISSION

To be the leading provider of innovative and sustainable industrial solutions, recognized for our commitment to excellence, safety, and environmental stewardship.



## OUR MISSION

our mission is to deliver exceptional industrial services that optimize operational efficiency and reliability for our clients. Through cutting-edge technology, expert knowledge, and a dedicated workforce, we aim to exceed customer expectations, uphold the highest safety standards, and contribute positively to the communities we serve.

# OUR VALUES

**Excellence:** We strive for excellence in everything we do, aiming to continuously improve and innovate.

**Integrity:** We conduct business with honesty, transparency, and respect for all stakeholders.

**Safety:** The safety of our employees, clients, and the environment is paramount in all our operations.

**Customer Focus:** We are committed to understanding and meeting our clients' needs with personalized solutions and exceptional service.

**Sustainability:** We promote sustainable practices to minimize environmental impact and contribute positively to society.



# OUR SERVICES

- > Plant Machinery & Rotating Equipment Maintenance
- > Electrical & Instrumentation Engineering Services
- > General Maintenance
- > Shutdown & Turnaround
- > Technical Site Support
- > Revamping & Upgrade (MOC)
- > Fabrication
- > Training

**WFAQ is a full fledged Engineering Services Company from Jubail Industrial City- KSA**

**We are Rotating Equipment Specialist, offer Installation, Mechanical Repairs, and Maintenance of:**

- Pumps & motors
- Turbines
- Compressors
- Generators
- Blower & Fin Fans
- Gear boxes
- Control panels

# Plant Machinery & Rotating Equipment Maintenance

Be it Rotating Equipment, Pumps, wherever you face a setback, we are ready to offer our backup with our services ranging from Installation to Mechanical, Electrical Repairs and Maintenance. Our skilled manpower guided by well experienced Engineers & Professionals are trained to attend to all kinds of break-downs, to diagnose, repair within a short time and to save your productive time.



we also undertake Planned Preventive Maintenance and Annual Maintenance Contracts to cater the needs of varied industries from Construction to Facilities Management, Power Generation, Petrochemical, Manufacturing, Marine, Oil & Gas etc. By offering total solutions and quality services as mentioned above.

we at Wafaq aiming to achieve the leadership position and to become your future Engineering Services Partner



**Laser Alignment**



**Equipment Repair**



**Conventional Alignment**

**Heat Exchanger**



Our team of professionals can attend to installation, Alignment, Testing, Commissioning, Repairs & Maintenance of Rotating Equipment. We are specialized in all kinds of Pumps (Fire Pumps, Oil Field Pumps, Chiller Circulation Pumps etc.

- **Pump Repair**
- **Seal Repair/Replacement**
- **Motor Winding**
- **Mechanical Repairs**

**Specialized Services:**

- Annual Maintenance Contract
- Planned Preventive Maintenance

**Service Capabilities:**

- Installation, Commissioning and maintenance.
- Off-site Equipment Repair.
- On-site Repair and maintenance
- Parts Replacement
- Trouble Shooting
- Turnaround Management
- Laser Shaft Alignment
- Vibration Analysis
- Equipment Alignment

**Oil Field Pumps**



**Chiller Circulation Pumps**



**Mechanical Seals**



## Support Services:

- Field & Site Surveys
- System Diagnosing & Trouble Shooting
- Installation, Testing & Commissioning
- On-Call Emergency Repairs
- Cost-Effective Maintenance Programs

## For Mechanical Seal:

- Repairs
- Replacement

## For Motors:

- Rewinding
- Mechanical Repairs



Fin Fan Repair



Valve Repair



## Fire Pump:

- \* Pump/Motor Installation & Alignment
- \* Piping Installation
- \* Electrical & Instrumentation
- \* Commissioning



## We carry out Supply, Installation, Repairs & Maintenance of:

- \* Booster Pumps
- \* Transfer Pumps
- \* Control Panels
- \* Central Water Filters

## Domestic Water Pump Services – We cater to:

- \* Residential Buildings
- \* Facility Management Companies
- \* Hotels / Resorts
- \* Commercial Establishments



## Water Pump Sets:

Assembling, Installation, Repairs & Maintenance works of Booster Pumps, Transfer Pump Sets for Domestic & Commercial purpose water supplies. We use renowned International branded pumps like Davis, Grundfos etc. or any other brand as preferred by our clients.

## **PROCESS EQUIPMENT MAINTENANCE & REPAIR VESSEL/ COLUMN/ TOWERS/ FILTERS/ DRUMS**

- Blind to blind isolation
- Chemical cleaning/ hydrocarbon decontamination
- Hydro Jetting and Vacuuming
- 3D Nozzle cleaning
- Welding repairs for shell and internals
- Trays, packing, demisters & internals removal and replacement
- Bolt torquing & Tensioning
- Scaffolding, Blasting, painting/coating, and lining
- Cold cutting with hazard free hydro cutting method
- Inspections

# **Electrical & Instrumentation Engineering Services**

**WAFaq has the expertise and technical capabilities to undertake the following services related to Electrical Engineering, procurement, installation, testing and commissioning of**

- > HV, MV and LV switchgear
- > Ring Main Units
- > Power and distribution transformers
- > Prime and stand by generator packages, synchronization solutions
- > Automatic Transfer and Auto Bus transfer systems.
- > Soft starters and VFDs
- > MV and LV Motor control centres
- > AC, DC UPS systems, frequency converters, inverters etc.
- > Solar power packages
- > MV/LV - power and control cabling
- > Cable containment and cable management systems.
- > Area, building and street lighting systems controlled by photo cell for automatic operation
- > Specialized explosion proof lighting systems for classified areas
- > Electrical installations for hazardous area

### **We also undertake the following services,**

- > FEED, feasibility and detailed engineering studies
- > Relay co-ordination, short circuit, motor starting and power flow studies using advanced software like ETAP/EDSA etc
- > Site testing and commissioning of electrical equipments
- > Annual periodic & breakdown maintenance contracts

## Controls & Instrumentation Engineering

WAFAQ provides a complete range of Control & Instrumentation Services to the process industries including full “turnkey” solutions comprising of detailed design engineering, procurement, installation and commissioning activities.

The company provides on-site expertise, with particular capability in custom designed and installed electrical control and instrumentation systems.



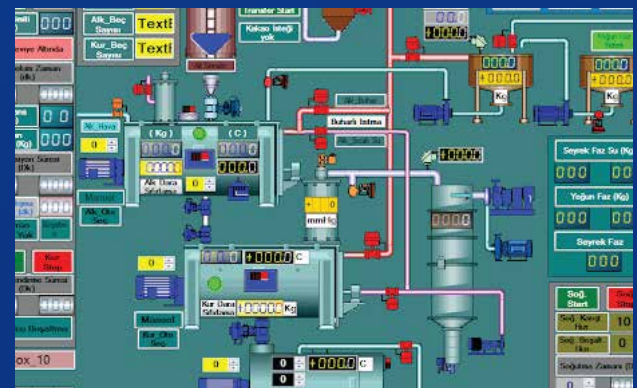
## Safety Systems

- > SIL2 & SIL3 based Safety Systems
- > Emergency Shutdown Systems
- > Fire & Gas Detection / Shutdown Systems
- > Safety Integrity Level (SIL) studies
- > Relay Based Safety Shutdown Systems
- > Preliminary Hazard Analysis Review & HAZOP Study
- > Development of Safety Related Cause & Effects



## Telecommunication & Data Networking

- > SCADA & Telemetry Systems
- > Design and Development of UHF & Microwave
- > Data Communications Systems
- > Industrial Data Networks
- > Fiber Optic Data Networks
- > Wireless Communication Systems
- > CCTV, Public Address & Security Systems



### The systems we supply includes,

- > PLC & DCS Panels
- > Marshalling Panels
- > Relay Panels
- > ESD System Panels
- > Vibration & Temperature Monitoring Panels
- > Ex-Proof Local Control Panels
- > Annunciation Panels
- > Control Consoles
- > Field Distribution Junction Boxes

## Control Systems

- > Advanced Process Control Systems (PAS)
- > Distributed Control Systems (DCS)
- > Programmable Logic Control Systems (PLC)
- > HMI/MMI Software Engineering
- > Management Information Systems
- > PLC based Fuelling control system
- > Pipeline Monitoring & Leak Detection Systems
- > Electrical Substation Automation
- > Compressor Control Systems
- > Asset Management Systems



## Instrumentation Systems

- > Tank Gauging & Inventory Management System
- > Truck Loading/Unloading System
- > Design and Development of PFD's and P&ID's
- > Implementation of Instrument Systems for Process Plant
- > Development of Instrument Specifications
- > Instrument Hookup & Loop Design
- > Instrument Loop Design

## Control Panel Fabrication Services

WFAQ is an authorized integrator of Rockwell Automation for the Allen Bradley range of automation products. WFAQ has extensive experience in designing and building high quality system / marshalling panels for Safety Shutdown, DCS and PLC applications. We also supply custom designed operator interface panels to suit any project.

The panels are designed and built to latest IEC standards for both on-shore as well as offshore applications. Our panels are subject to rigorous QC checks throughout the fabrication process according to ISO 9001-2008 procedures.

We conduct Factory Acceptance Test which includes a comprehensive simulated test on the hardware and software at our workshop prior to delivery for complete satisfaction to our clients and to verify the operability according to the process logic, specifications and standards.



## General Maintenance

WFAQ has been a trusted partner for more than 12 years in general maintenance.

Has a team of over 1,000 highly qualified and trained staff actively engaged on long-term contracts. These semi-autonomous teams offer preventive and corrective maintenance to clients across industries.







## TANK MAINTENANCE & REPAIR

- Product transfer, emptying and cleaning
- Sludge removal & disposal, decontamination, and degreasing
- Tank Inspection, Repair, Alteration and reconstruction as per API653.
- Re-positioning roof support legs offline
- Repair of internal floating roofs
- Installation and replacement of float roof seals
- Repair/replacement of bottom plate, annular plate, and roof/float roofs
- Scaffolding, Blasting, painting/coating, and lining
- Cold cutting, demolishing and re-instating
- Cathodic protection, replacement of anodes
- Civil repair work

## HYDROJETTING

- Specialized automated hydrojetting services having
- Five, Three and Single lance system for tube cleaning
- High pressure 3D cleaning for vessels, Drums, Filters and Tanks
- High pressure rotary pipe cleaning device

## CHEMICAL CLEANING

- Close loop, open loop, cascading, vapor phase cleaning (Degreasing, acid cleaning, passivation and neutralization)
- Foam Cleaning
- Lube Oil Flushing
- Lube oil, mineral oil, turbine oil, hydraulic oil cleaning and filtration
- Solvent cleaning

## HEAT EXCHANGER / FIN FAN

- Blind to blind isolation.
- Bundle pulling service (Truck mounted and Aerial Bundle puller)
- Hydrojetting Services.
- Chemical cleaning/ hydrocarbon decontamination .
- Repairs and Fabrication.
- Re-tubing.
- Scaffolding, Blasting, painting/coating, and lining.
- Leak Testing and Tube Plugging.
- Hydrotesting of bundle and shell.
- Inspections.
- Bolt torquing & Tensioning.



## BOILER

- Isolation of the system.
- Chemical service.
- Hydro jetting and Vacuuming services.
- Nitrogen purging.
- Cold cutting with hazard free hydro cutting method.
- Inspections.
- Mechanical maintenance and repair.
- Welding, cutting and fabrication of boiler tubes.

## HYDRAULIC BOLT TORQUEING & TENSIONING

- Bolt torqueing.
- Bolt tensioning.
- Flange spreading and nut splitting.

## INSULATION SERVICES

- Cold
- Hot
- Acoustic

## BLASTING & COATING SERVICES

Apart from our experience in scaffolding service, we also offer blasting and coating services. We have highly skilled certified supervisors and inspectors, blasters and painters.



## CATALYST HANDLING

Catalyst Handling Services Includes:

- Blinding of equipment.
- Removal / Installation of internals.
- Vacuum unloading / gravity unloading.
- Catalyst skimming.
- Inert Entry (under N<sub>2</sub>).
- Reactor neutralization (soda ash wash).
- Pre-bagging / pre-socking and screening of catalyst.
- Sock Loading

# Shutdown & Turnaround

WFAQ provides full spectrum of embedded and stand-alone turnaround services throughout the oil and gas, petrochemical, mining, power, and other manufacturing industries. We are having the expertise, resources, and systematic approach to complete a turnaround projects in a shorter period safely from planning stage to plant start up.

With holistic approach, the cost can be overall optimized and downtime can be reduced.

**Our clients can count on the following values partnering with WFAQ:**

- Strict adherence to HSE standards by all of our employees.
- Qualified personnel through the access of our labor network.
- Reduction of turnaround duration and downtime using special and automated technologies along with an improved scheduling and work planning.
- Customized collaboration models tailored to their needs.
- Extensive years of experience.
- Cost-efficient and transparent solutions with attractive contract models for optimal turnaround execution



# Technical Site Support

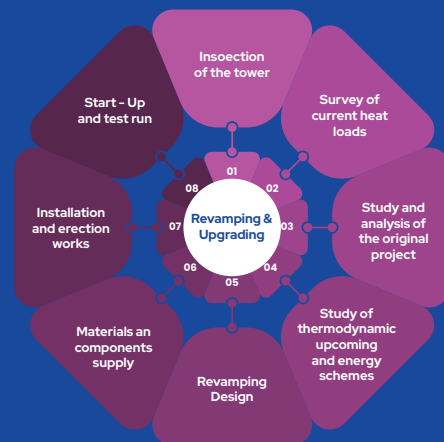
WAFaq believe that the continuous success and growth of our partners, clients, and the industrial world at large will be maintained only through a talented pool of skilled manpower. In this spirit, we provide excellent Technical Support services and try to maintain the highest standard in terms of quality, safety, and environmental compliance. Our professional staffing services are competitively priced to meet your expectations

- > Pre commissioning & Commissioning Engineer / Superintendent
- > Shut Down Supervisor / Engineers
- > Operation & Maintenance Manpower
- > Personnel Provided on Short and Long Term Contracts
- > Overseas Recruitment, as per Client Requirement.
- > Engineers, Technician, Planning Crew, EHSS, QA/QC Crew, certified Operators, etc.
- > Comprehensive Staffing Solutions Including Saudi Nationals



# Revamping & Upgrade (MOC)

Among the numerous industrial services available, Wafaq supports the specialized scope in the improvement and modernization of existing plants, the so-called MOC, revamping, modification or upgrade, to keep the performance always high and safe during a plant operation. Our experts apply their valuable strength managing MOC projects, by providing execution plan, delivering the projects successfully being supported by different technologies owning heavy equipment, and meeting the timeline especially in the period of SD/TA:



- Plant equipment installation and dismantling.
- Plant equipment revamping and upgrading.
- Plant equipment modification and repair.
- Plant piping modification and re-routing.

*Onshore or offshore, modifications or upgrades, Wafaq is a proven partner for brown field service success.*

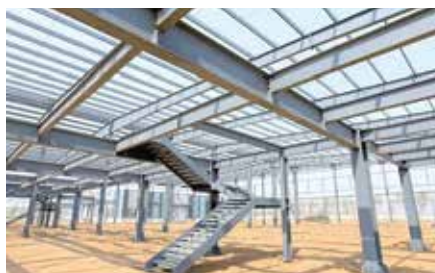
## Fabrication

### Specializing in:

1. **Pipe Spool Fabrication and Installation:** Wafaq Offering tailored solutions for seamless integration and efficient assembly of pipe spools in various industrial settings.
2. **Structural Fabrication and Erection:** Wafaq Providing robust structural fabrication services coupled with expert erection capabilities, ensuring stability and reliability in construction & Industrial projects.
3. **Skid Fabrication:** Wafaq Delivering customized skid fabrication services designed to meet specific operational requirements, enhancing mobility and functionality across diverse industries.



Pipe Spool Fabrication and Installation



Structural Fabrication and Erection



Skid Fabrication

Our commitment to quality craftsmanship and client satisfaction drives us to deliver superior results on every project. Partner with us for innovative fabrication solutions tailored to your needs.

# Training

## 1 - API Exam preparation training

Preparing for an API exams involves understanding the content, practicing relevant skills, and familiarizing yourself with the exam format. Here's WAFaq general guide to help you prepare effectively:



1. Understand the Exam Format
2. Review Exam Content
3. Use Official Resources
4. Familiarization of Cods & standers
5. Real Exam Scenario Test
6. Full time Support for quarries
7. Flexible training periods

*By following these steps and dedicating sufficient time to preparation, you can increase your chances of success in the API exams.*

## 2 - Operation and maintenance training on Site for rotating equipment

When organizing on-site operation and maintenance training for rotating equipment, it's essential to cover both theoretical knowledge and practical skills. Here's a comprehensive outline to guide your training program:



1. Introduction to Rotating Equipment
2. Safety Procedures
3. Equipment Components and Functions
4. Operational Procedures
5. Maintenance Practices
6. Troubleshooting and Problem-Solving
7. Emergency Response
8. Hands-on Training
9. Documentation and Record-Keeping
10. Review and Assessment
11. Follow-up Support

*By covering these areas comprehensively and providing hands-on training opportunities, you can ensure that participants gain the knowledge and skills necessary to operate and maintain rotating equipment effectively and safely.*

## THANKS FOR YOUR BUSINESS

### ADDRESS:

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