



RAWAFED AL-KHOR Co.

importing and selling petroleum products contracting
and general trade Oil services, general equipment and
public transportation

IRAQ – BASRA- AL-JAMAHURIYA – AL-TAJARI STREET

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About us

RAWAFED AL-KHOR Co. is a multi discipline construction company that has been in operation since 2019. We have a broad client base, servicing in all aspects of MEP works.

Commercial projects, heavy industrial communications systems, multi service installations.

We are a totally independent company, which enables us to joint venture with various prestigious companies that are also specialists in their particular fields of the industry.

RAWAFED AL-KHOR Co. is approved by all government authorities. Hereby we 're pleased to submit our company's profile which include all the details regarding our company and the services we offer.

We trust this submission will be of Interest to you and if there is any further requirement of information, please don't hesitate to contact us.

Thank you very much for your interest in our company and we are pleased to brief you here with all activities we involved. At the same time we are glad to present all our capabilities and resources brief to support your ongoing and future projects.

What We do

We deliver comprehensive solutions tailored to the unique needs of the oil and gas industry.

Our services range from complex heavy lifting operations to efficient rig move operations.

Our extensive fleet of equipment, boasting more than 150 equipment on hand, is at the forefront of our operational capabilities, enabling us to tackle projects of any scale.

CEO MESSAGE

“Partnering with our clients, we design, build and maintain the critical infrastructure that drives the energy industrial. Together we shape the foundation that keeps Iraq running.”

We have been at the forefront, contributing to Iraq's most ambitious projects, iconic locations, remarkable experiences, and thriving communities. But there is still more to accomplish. As an interdisciplinary firm called RAWAFED AL-KHOR, we offer comprehensive planning and development solutions through our allied specialist firms: In Site, for inspired planning, urban design, and landscape architecture, and our quantity surveying experts. Our team members are categorized based on their experience and responsibilities, starting from company management. They possess extensive expertise in business management. Our dedicated workforce is driven by a deep sense of purpose and a commitment to those who benefit from our work. Our goal is to plan, create, engineer, and efficiently deliver environments that are crucial to the success of our clients and communities. By doing so, we provide prosperity, comfort, community, health, safety, and lasting memories. Our engineers are classified according to their specific areas of expertise, such as concrete, insulation work, painting, scaffolding, electrical works, mechanical works, and quality control. They possess valuable experience in meeting the requirements of oil companies. We provide engineers who can accurately calculate quantities and pricing, simplifying the process of monthly advancements. We support this with all the necessary drawings and accounts to substantiate the validity of the advancement figures. This hierarchical structure ensures competent and well-organized teams, supported by trained labor

OSAMA AJEEL JALOOB



OUR MISSION

RAWAFED AL-KHOR Co. Oil and Gas services improve safety and reliability. We inspect, test, and evaluate our customers' critical assets, reducing liability, and safeguarding their consistent performance.

We are not satisfied simply meeting industry standards. RAWAFED AL-KHOR is dedicated to growing in size, scope, and performance. As we move forward, we will continue to concentrate on our people: employing the best personnel and providing them the highest quality leadership and technology.

BUSINESS CONDUCT

Maintaining high standards of business conduct is essential to enhance our overall business performance, build trust, and maintain and improve our reputation with stakeholders. We believe visible leadership is essential to maintain a culture of Total Performance and responsible business conduct among personnel at all levels and wherever they work in the world.

Our individual RAWAFED AL-KHOR Co. Policies have been approved by executive management and set out the principles and standards we require all our personnel to follow

COMPLIANCE

RAWAFED AL-KHOR Co. have a Management System for the control of quality, health, safety and environmental management.

RAWAFED AL-KHOR Co. Iraq's commitment to safety also contributes to business performance and employee engagement. Effective safety management through identifying, managing and mitigating safety risks is a key element of developing a total safety culture.

CODE OF CONDUCT

- Quality Policy
- Health and Safety
- Policy Drug & Alcohol
- Policy Environmental
- Policy Business Ethics
- Policy Conicts of
- Interest Policy
- Diversity Policy



We will ensure consistently good safety management across RAWAFED AL-KHOR Co. Team. Our approach to safety covers the risks associated with daily office work and working at our customer and Vendors sites. Any incident or accident would be investigated and solutions identified to help prevent future occurrence.

STRATEGY AND GOALS

WORLD CLASS SAFETY

RAWAFED AL-KHOR Iraq aims to provide consistently good safety management across the Team. Protecting the health & safety of our personnel is a fundamental responsibility.

Embedding a commitment to safety across the business is a priority for the team. Ongoing education remind personnel that they must put safety first in all their activities and speak up on safety issues.

PERFORMANCE

Industry recognised KPI's are used our performance and actions taken to minimise the risk to the Team's personnel, its operations, and drive continual performance improvement.

RISK MANAGEMENT

Improving the management of risk should be a priority action for every business, preventing business damage and reducing the total cost of risk.

MANAGING SAFETY

Safety across the business is a major priority. All Offices and personnel must comply with our Safety and Health Policy, which is approved by the Executive Management.



RAWAFED AL-KHOR Co. expertise is for reaching through Consulting team our dedicated risk engineers operate in all our Projects, providing support whenever and wherever it is needed.

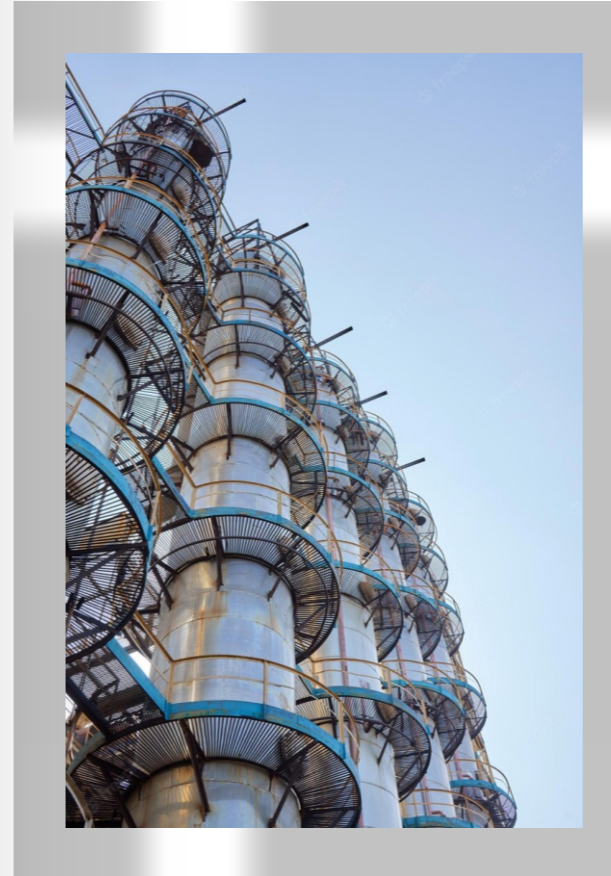
Our Countrywide team of risk engineering and risk control specialists, with expertise across a broad range of industries, really understands our customers' businesses and can design a loss control programme tailored specially to individual needs.

We work alongside our customers to continuously improve risk control management with practical, cost effective solutions in a partnership approach focusing on risk reduction to protect our customers' bottom line.

Our capabilities include a range of technical consultancy to keep businesses moving, safeguarding their assets, people and reputations. We offer a broad range of services such as:

- Development of complete property loss control standards
- Delivery of risk awareness workshops, seminars and training

OUR VISION



We are not satisfied simply meeting industry standards. RAWAFED AL-KHOR Co. is dedicated to growing in size, and performance. As we move forward, we will continue to concentrate on our people employing the best personnel and providing them the highest quality leadership and technology.

The result will be a safe, efficient team providing profitable returns for all of our customers & stakeholders.

Our sustained success depends upon providing our customers with the highest quality services at a fair price while maintaining our profits so that we can continue to build a strong company and provide a return to our employees and stakeholders.

CORE VALUES

Through the creation of our Company we have worked on a strategic and tactical plan to provide each and every customer with a new and innovative alternative in the Industry. Our level of expertise spans the areas of design, installation and commissioning to maintenance and servicing in the range services.

Further to this, it is our goal to provide our customers with new levels of customer satisfaction and commitment to quality.



CONSTRUCTION SERVICES

MECHANICAL

- Installation of Rotating Equipment (Gas Turbine Generator, Compressor, Pumps, Electrical Crane, Chemical Injection Units, TEG Refrigeration Package).
- Installation of Stationary Equipment (Vessels, Drums, Columns, Heat Exchangers, Filters).
- Fabrication and Installation of Storage Tanks.
- Installation of Firefighting Systems.
- Insulation of Stationary Equipment, Pipeline and Piping Systems.
- Chemical Cleaning for Process and Stationary Systems.

PIPING WORKS

RAWAFED AL-KHOR Co. has designed and managed some of the Iraq largest onshore pipeline and piping projects. With more than a half-century of pipeline experience to our credit, we've earned respect for our ability to deliver successful pipeline and piping projects even in the most challenging locations.

We've designed pipelines for transporting crude oil, natural gas, refined petroleum products, LPG, LNG, NGL, condensates, water, slurries and various chemicals—both in single-phase and multiphase flow. These pipelines have ranged in diameter from 3 inches up to 48 inches.





E&OI ELECTRICAL & INSTRUMENTATION

RAWAFED AL-KHOR Co. is a market leader in providing engineering and construction the power and control projects related with oil and gas plants.

ELECTRICAL WORKS

- Installation and Commissioning of Diesel Generator Set.
- Power Transformer (132/33kv,33/11kv,11/0.4kv,)
- EHV GIS panel.
- Dummy panel.
- LV Power Distribution Panel.
- LV Switchgear and MCC Panel.
- MV Switchgear Panel.
- NGR and VSD Panel.
- Power Capacitor System, Power Monitoring System , SCADA PMS/ECS
- Bus duct Systems (indoor and outdoor)
- Power System (Cable tray, Cable pulling LV &HV (1.5mm² to 630mm²), Glanding and Termination
- Installation of Fiber Optic Cables
- CCTV Systems
- Communication Systems (Paging, P/A, Wireless Radio)
- Grounding System
- Fire Alarm System
- Telephone System
- Lighting System



INSTRUMENTATION WORKS

- Installation instrumentation panel
- Laying and testing the instrument cables
- Installation all types of junction boxes
- Oil in Water Analyzers
- Flow Meters
- Piping, Manifolds and Valves
- Level Sensors
- Temperature and Pressure Instrumentation
- Sensors and systems
- Flare Tip Ignition
- Mass Meters
- Installation all types of SS tubes
- Installation all types of control valves along with converters



ENGINEERING SERVICES

After the conception design phase and feasibility studies a project enters the engineer phase during which engineering studies which may include, according to the type of project:

- Process
- Pressure vessels
- Rotating equipment
- Instrumentation
- Electrical facilities
- Computing
- Piping, civil works
- Cost control and scheduling

All these types of engineering studies are covered and fully managed within RAWAFED AL-KHOR. According to the nature of a project, engineering studies will includes all or part of the following steps:



CIVIL WORKS

RAWAFED AL-KHOR has designed and managed most of the civil works related to with oil and gas process facilities as well as the pipe lines .

ELECTRICAL WORKS

- Fabrication all types of steel structure
- Execution all types of concrete footing , slabs and piles
- Fabrication and installation all types of steel pipe supports
- Soil investigation
- Earthing works
- Road paving





BASIC ENGINEERING DESIGN (BED)

- Conceptual process studies (material balances, process flow sheets,...) and preliminary plot plan.
- Preliminary Piping and Instrument Diagrams.
- Definition and sizing of main equipment resulting in process specifications.
- Specification of effluents.
- Definition of control and safety devices.
- And, generally speaking, all the basic studies required to support a Basic Engineering Design Package (BEDP) containing all data needed by a competent contractor to perform the Detail Engineering.
- These basic engineering studies may consist of consolidating a Process Package initiated by an external process licensor.

DETAIL ENGINEERING

- Purchasing of equipment, main and bulk.
- Thermal rating of heat exchangers.
- Development of Piping and Instrument Diagrams released for construction.
- Development of detailed piping drawings, including isometrics and stress calculations.
- Development of detailed drawings related to instrumentation, electrical facilities and civil works.
- Management of vendor drawings.
- Cost and schedule control.
- Start-up procedures.



EXPERTISE AROUND THE WORLD

RAWAFED AL-KHOR Co. engineering expertise around the world and across a variety of disciplines, adding value through every phase of a project. We assign specific types of project work in certain offices, allowing our engineers to develop special-ized expertise.

CUTTING-EDGE THOUGHT LEADERS

Our engineering staffs composed of highly-experienced, dedicated professionals. More than a third of our engineers have advanced degrees, and many are considered leading experts in their fields. Our engineers are active in national and international committees responsible for the technical codes and standards.

USING OPTIMUM TOOLS TO GET THE JOB DONE

Our engineers and designers use sophisticated proprietary and in-house software to monitor and manage every phase of our projects, from concept design through construction and startup. These tools allow us to efficiently and accurately develop schedules, allocate resources, monitor work progress, track costs and provide detailed reports for our customers. They enhance our ability to deliver projects on time, on budget and with superior results.



SUPPLY CHAIN MANAGEMENT

Procurement/supply Chain Management

A key element in the execution of any project, procurement at RAWAFED AL-KHOR is managed by a force of approximately 422 individuals assigned to project task forces. They are in charge of sourcing new suppliers, buying, expediting orders, inspecting the manufacturing of equipment and bulk material as well as organizing delivery and logistics.

Each project team has the ownership of its budget and delivery and is supported by the expertise and processes of the RAWAFED AL-KHOR operating center it is attached to. All project teams are bound by common Group policies and code of ethics.

RAWAFED AL-KHOR Co. is a player that sources competitively worldwide and can provide support to clients through the provision of dedicated procurement services.

At the Group level, RAWAFED AL-KHOR Procurement organization is responsible for the coherence of procurement policies and strategies across the Group as well as the dissemination of market intelligence and trends.

Supply Chain Management Expertise

Our expertise spans the entire supply chain, from sourcing, purchasing & transportation logistics to inventory control, inspection and quality assurance. Every product and service we use must comply with our exacting quality and safety requirements. In addition to our procurement offices, we maintain fabrication facilities for manufacturing needed components and lay-down yards for storing steel and equipment.

Over the three years, we've developed strong relationships with key suppliers, manufacturers and service providers in a variety of industries. We utilize competitive bidding and negotiate long-term agreements to obtain competitive prices for materials and services. We also do our homework, extensively researching markets and suppliers to ensure we prepare accurate estimates, select the best products and obtain the best prices.

Mission of Procurement

- Develop and implement Procurement strategies to improve competitiveness
- Own and update RAWAFED AL-KHOR Co. list of Approved Suppliers
- Increase the Supplier base through the sourcing and qualification of new suppliers and products, with a focus on high value procurement countries
- Develop and manage long-term relationships and partnerships with RAWAFED AL-KHOR Top Suppliers
- Promote design-to-cost solutions
- Gather and report information critical to operations
- Ownership and enforcement of the Group's procurement policies
- Ownership and up-to-dating of a single worldwide e-procurement tool open to our suppliers.

Smart Work Processes

We believe that every member of the project team shares some responsibility for the supply chain. Our engineers work with customers to select the technologies and equipment that best meet the project and cost requirements. Our project managers and procurement staff synchronize project schedules, materials orders and shipping logistics to minimize work delays. Our logistics and safety experts ensure potentially hazardous materials are transported & handled safely and responsibly. We also design our projects and train our people to ensure construction materials are not wasted.



STARTUP, COMMISSIONING & OPERATIONS

Startup of today's complex process units and power plants is demanding and requires careful planning and preparation of both the plant equipment and the operating organization. Each activity must be meticulously planned and then executed in the right sequence to avoid expensive delays during commissioning and initial operation.

RAWAFED AL-KHOR has decades of experience in pre commissioning, mechanical completion checkout, commissioning, startup and initial operating activities, and can provide the in-depth experience, procedures and personnel to prepare each unit to achieve a smooth startup.

From participation in proposal development and risk assessment through final performance testing, our commissioning experts draw upon years of experience to add value throughout project development, execution and delivery. Major commissioning site activities include:

- Interfacing with the construction team and acceptance of completed systems
- Pre commissioning activities
- Training and qualification of customer O&M personnel
- Preparation of detailed operating/technical manuals
- Commissioning activities
- Conducting or assisting the customer with startup activities
- Demonstration of all personnel safety devices
- Participating in ramp-up, optimization and performance testing
- Operating services during the warranty period

RAWAFED AL-KHOR Co. customers expect a safe, functional facility with high uptime, product that meets exact specifications, and low operating and maintenance costs. The goal of our commissioning teams is to meet or exceed their expectations on every project.



PROJECT MANAGEMENT

For over the last 6 years RAWAFED AL-KHOR has demonstrated its ability to successfully manage industrial projects of all types and sizes, in all parts of the world.

Our project management experience covers all types of services and contracts, ranging from project management consultancy services as well as all types of contractual relationships.

Project management is the way key to RAWAFED AL-KHOR successful track record is our approach to project management, which comes into play even before the contract has been won, during the bidding phase.

RAWAFED AL-KHOR is very selective in the projects it bids for. Each project is evaluated and selected on its own merits and no market share or asset utilization target supersedes this rule.

Once a project has been awarded, the Project Director has full authority and is the single point of accountability during all phases of the project. Projects are monitored closely by Senior Management through monthly project reviews.

RAWAFED AL-KHOR Co. as a major player in large size project implementation has developed a complete and comprehensive expertise in project management. This expertise is part of a the added-value service that RAWAFED AL-KHOR provides to its clients for all types of contracts, irrespective of its size.

RAWAFED AL-KHOR risk management process encompasses all phases of the project life cycle i.e. it starts during pre-bid reviews of the invitation to bid (ITB) and ends only when all the contractual obligations have been fulfilled.

Throughout these phases (bid preparation and project execution), all aspects such as commercial strategy, financial assets, contractual, technical, safety, environment are evaluated with respect to uncertainties or risks for the Project, Client and RAWAFED AL-KHOR Co.

Risk management requires total project team involvement and it is essential that all key members of the project team understand the project baseline, the risks anticipated as well as planned mitigation measures. RAWAFED AL-KHOR Co. Project Management teams are well aware and versed in this requirement and are actively involved.



"One Team" Approach

RAWAFED AL-KHOR partners with our customers to form "One Project Team" to ensure that project objectives are achieved. We believe the only way to a successful project is through a true cooperative team spirit. We start each project by establishing a collaborative platform via open communication, transparency and a willingness and ability to continuously adapt in order to drive towards the common project objectives.

Operational Excellence

RAWAFED AL-KHOR business focus is centered on achieving operational excellence on all of our programs and projects. The key attributes of operational excellence we employ include:

- Application of industry standard processes and procedures, best practices and lessons learned
- Focus on safety and quality
- Ability to integrate our project management systems into existing customer platforms Innovations to drive cost and schedule performance
- Aggressive risk management
- Flexibility to develop alternate business and contracting strategies



MAINTENANCE & MODIFICATIONS

RAWAFED AL-KHOR Co. provides comprehensive and integrated maintenance and modification that complement engineering, procurement and construction. We work closely with our industrial and power customers to improve reliability, productivity, planning and work processes, resulting in full-service, cost effective partnerships with the highest safety standards incorporated into all work functions.

Industrial Maintenance

RAWAFED AL-KHOR Co. is one of the largest providers of power and industrial plant services in Iraq , offering maintenance, full-service plant engineering, reliability, turnaround, outage and other services worldwide.

We serve clients in the energy, petrochemical, specialty chemicals, oil and gas, manufacturing and refining industries.

Power Maintenance

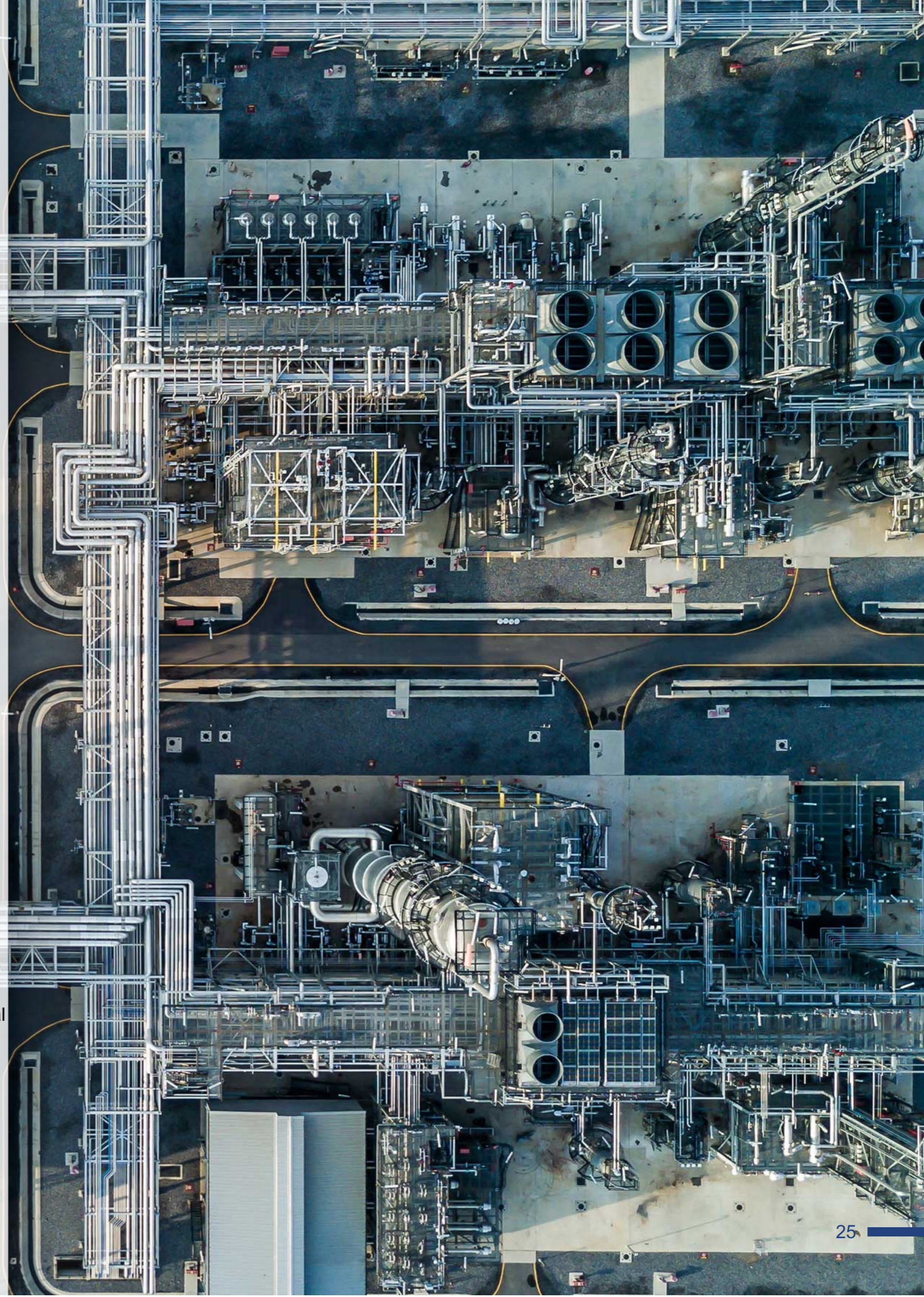
RAWAFED AL-KHOR Co. provides on-going support and long-term services to the power industry , maintenance, modification and engineering; providing solutions that are safe, innovative and efficient.

Reliability Services

Reliability-focused operation is essential to reduce business unit cost and increase capacity of overall production. RAWAFED AL-KHOR is uniquely qualified to understand and assist customers with meeting reliability objectives.

ELECTRICAL TESTING & COMMISSIONING SERVICES.

RAWAFED AL-KHOR Oil and Gas Service is Iraqi based company which provides services for Electrical System Testing including Pre-commissioning, Commissioning & Maintenance. We are dedicated to serve industrial sector, as well as academic and government institutions through awareness of modern scientific and engineering problems applied in Quality and Material testing, Development of leading edge, cost effective technologies, Optimal selection of new and emerging methods, Efficient and cost saving applications.





ELECTRICAL TESTING

RAWAFED AL-KHOR Co. is your one stop service provider.

- Primary Testing
- Secondary Testing
- Functional Testing

Electrical system tests will be executed by specialists according to international and national standards. These specialists are certified in accordance with IEC, IEEE, NEMA & NEC is well-equipped to handle nearly any reliability program.

Primary Testing

1.1 Transformer Test

Transformer is the main equipment in the Electrical System. Our Company provide the Experience & Testing Equipment to implement the main following required testing of the transformer.

- Turn Ratio (Per Tap)
- Winding Resistance(Per Tap)
- Vector Group
- Insulation Resistance
- Power Factor (CH, CL, CH-CL)
- Oil Break Down Test BDV (ASTM & IEC) Cooling system test
- Protective Devices Testing
- Stability Test
- Tap Changer (AVR test)
- Functional & Interlock check
- Bushing CT Test (BCT)

VT test

1.2 Grid & SWGR Test

Switches are one the part of the Electrical power system. Our Company provide the Experience & Testing Equipment to implement the main following required testing of the GIS & AIS Grid, MV & LV SWGR.

- CT & VT test
- C.B test
- IR test
- Hi.pot Test
- CRM check
- Partial Discharge test
- Functional & interlock
- check Protection Relay test
- Partial Discharge test



C.B – Circuit Breaker

Gas Isolated Circuit Breaker (GI C.B), Air Circuit Breaker (ACB), oil isolated Circuit breaker & Vacuum Circuit Breaker (VCB) are the Main Switches in the Electrical Power System. For Protect the Grid & Reliability, Many testing performed on the C.B at site during Pre commissioning, Commissioning & Maintenance as following Tests

- Conductivity Resistance
- Measurement IR test
- Hi. Pot Test
- On-offTiming test
- VIDAR test(VCB only)
- Interlock check



VT – Voltage Transformer Test

VT is one of the Metering, Protection & Isolation Instrument device in the Electrical System. For reliability & Conformity many testing performed on the VT at site during Pre commissioning, Commissioning & Maintenance as following Tests

- Ratio Test
- Winding Resistance
- Measurement IR test
- Burden Measurement
- Polarity Check

Earth System Test

Earth system is the first Protective line for Human beings & Electrical Equipment. The soil resistive measurement During Design any project due to fault calculation & Earth system specification .The soil resistivity & earth system measurement has been tested by our company for many project by use a modern method(Bird's Eye Method & 62 % method)

CT–Current Transformer

CT with the VT are one of the Metering, Protection & Isolation Instrument device in the Electrical System.

For reliability & Conformity many testing performed on the CT at site during Pre commissioning, Commissioning & Maintenance as following Tests

- Ratio Test
- Winding Resistance
- Measurement IR test
- Burden Measurement
- Polarity Check point

Secondary Testing

Secondary testing is Most Important testing for the Protective Device (Protection, Metering Relay, Transducer, AVR relay, PLC) by Dealing Direct with the Protection device without use CT , VT & other Instrument.

Advanced Test

RAWAFED AL-KHOR Co. offers experience, expertise and equipment in third party engineering, Elect. Equipment testing and quality assurance / quality control.

Advanced Secondary Test

Omicron GMBH CMC356 & CMC256 plus Secondary Injection Kit which we use it for Testing the Advice Distance Relay, Advanced Differential relay & Generator Protection Relay Is one of the Best Secondary Injection Kit for Testing the Advanced relay which provide ability to deal with the GOOSE Grid

Advanced Primary Test

Omicron GMBH CPC 100 & It's Accessories Primary Injection Kit which we use it for Testing the primary side of the Electrical Equipment (Transformer, SWGR ,CT,VT & C.B)



Our company also provides other methods of inspection such as on line partial Discharging & Earth system testing.

TESTING & CALIBRATION

Radiographic Testing (RT)

Radiographic Testing (RT) can be used for the detection of hidden flaws in solid objects and requires either x-rays or gamma rays. One of these sources of ionising radiation is positioned on one side of the item to be inspected and a photographic film is placed in close proximity on the other side. The radiation is partly absorbed during transmission and differences in material thickness or absorption qualities are recorded on giving a full size image showing internal detail. X-ray radiography is generated electrically by means of a high voltage x-ray tube. Gamma rays are produced by the natural disintegration of nuclei in a radioactive isotope. The main benefit of radiography is that it provides a non-destructive method of detecting hidden flaws and provides a permanent record in the form of a radiograph.

Services on offer from RAWAFED AL-KHOR Co. :

- 4 meter x 4 meter radiographic exposure bay.
- X-ray cabinet with Phillips 200kv set (for smaller items).
- 300kv directional x-ray set.
- Tech-ops 660 /680 containers, selenium 75, iridium 192 and cobalt 60.
- Portable darkrooms' for fast results on-site.
- Comprehensive 24hr in-house and on-site service.
- Approved procedures for control checks.
- Approved procedures to specific industry standard.
- Inspectors fully qualified to PCN & SNT.
- Approved Method Statements, Risk Assessments and COSHH Assessments including confined space entry.

Visual Testing (VT)

Visual Testing (VT) also known as Visual Inspection, is an NDT method used extensively to evaluate the condition or the quality of an item. It is easily carried out, inexpensive and usually doesn't require any special equipment. Visual Testing may be carried out by eye alone or can be enhanced by the use of optical systems such as magnifiers and microscopes.



A variety of equipment is available to the inspector including:

- mirrors, gauges,
- bore scopes, endoscopes,
- video / computer enhancement
- systems.
-

Visual Testing is a vital part of the in-service inspection and can identify such things as:

- fatigue cracks,
- creep failure,
- corrosion, erosion,
- abrasion,
- mechanical
- damage, wear and
- tear, distortion,
- poor workmanship.
-



Dye Penetrant Inspection (DPI)

Dye Penetrant Inspection “DPI” (also known as Penetrant Testing “PT” or Liquid Penetrant Inspection “LPI”) is used for the detection of surface breaking aws in all non-porous ferrous and non-ferrous materials of any size such as metals, plastics and ceramics.

Typical applications would be forged, cast or welded products which are prone to cracking and other surface aws, or when Magnetic Particle Inspection is not practical for reasons such as material type or complex geometry. A visible or fluorescent dye (either solvent or water based) can be applied to the surface of the item under test in several different ways such as spraying, brushing, dipping or immersion of the component into the dye.

During the penetration time (dwell time), the dye penetrates any surface breaking aws through “capillary action”. Once the dwell time has been reached the excess dye is removed from the surface of the item under test leaving no dye visible to the naked eye. A developing agent is then applied which draws the dye out of any surface breaking flaws through reverse “capillary action” and clearly reveals this area to the operator.

Services on offer from RAWAFED AL-KHOR Co. :

- Fluorescent penetrant line for small and medium sized components.
 - Fluorescent penetrant system for larger components.
 - Site services offering colour contrast and fluorescent techniques.
 - Portable quick assembly tents of various sizes for on-site fluorescent penetrant inspection.
 - Comprehensive 24hr in-house and on-site service.
 - Approved procedures for control checks.
 - Approved procedures to specific industry standard.
 - Inspectors fully qualified to PCN & SNT.
- Approved Method Statements, Risk Assessments and COSHH Assessments including coned space entry work.

Phased Array Ut

The OmniScan family includes the innovative phased array and eddy current array test units, as well as the eddy current and conventional ultrasound modules.

The OmniScan MX offers a high acquisition rate and powerful software features in a portable, modular mainframe to efficiently perform manual and automated inspections.

Typical Applications:

- Girth Weld Inspection
- Pressure Vessel Weld Inspection
- Scribe Marks Inspection with No Paint
- Removal Aircraft Fuselage Inspection

Oil Analysis

Imagine being able to see the damage happening to your equipment from extremely minute wear particles and debris. Oil analysis is a preventive maintenance tool that uncovers fixable problems before they become catastrophic failures. For you, it means less unscheduled downtime and increased equipment reliability, productivity and profitability. Oil analysis with us. can:

- Extend oil drain interval
- Extend equipment life
- Identify problems before equipment failure





Why Us

You Talk, We Listen

We strive to understand our client's comfort needs first. Then all decisions are made with those needs in mind. A management service is worthless if it doesn't meet your needs. You talk, we listen... then we throw in lots of ideas for improvement.

We Value Integrity

We believe in doing business with honesty, integrity and a sincere heart for others. We aren't going to prose you something you don't need. We won't lie to get your business. We will treat you with kindness and respect. The way it should be (and far too often is not).

We Know The Industry

With over a decade of combined experience in the contracting industry, we tackle any project with the best tool any technology can have experience.

We Stand Behind Our Work

Every service that ME & I performs is backed up by our incredible warranty. We believe in doing something right the first time, and making sure that our clients get true value for their hard-earned money.

We Stand Behind Our Work

RAWAFED AL-KHOR Co. strives to treat each and every one of our custom-ers with the attention that they deserve. We guarantee a professional, pleasant experience from when you pick up the phone all the way to our professional team driving o fffrom your comfortable office. And should you be unsatisfied with any moment of the service you are provided, a member of our team is only a phone call away to ensure that your concerns are addressed in a timely manner. Because we recognize that our customer is not dependent upon us, we are dependent upon our customer.

We Quantify Our Customer Satisfaction

It's easy to say that you care about customer service, but are you asking your customer how they felt about the experience RAWAFED AL-KHOR Co. follows up with you to make sure that you are happy with the service you received. We track the results of our customer Satisfaction Surveys so that we can be certain that we are delivering our customers service that leaves them with a smile.

We Will Be Better Tomorrow Than We Are Today

We constantly improve. We strive for ZERO defects in all we do, and ALWAYS keep our promises. We do not cut corners. We are committed to providing an service that will not just meet, but that will exceed our customer's expectations regarding value and quality.



SAFETY, QUALITY & PRODUCTIVITY

RAWAFED AL-KHOR Co. believe that only by integrating safety, quality, and productivity can we provide the high-quality services expected of us. Striving for an injury-free environment is a company-wide core value. To that end, as part of our award-winning Be Safe For Life! program, we continue to alert our employees to the potential for injuries at every turn.

Safety

SLIVER SKY Co. safety performance is far better compared to our Competitors and Recognized as an industry standard-setter.

One reason is our intense focus on good work practice to reduce the inherent risk in our work environment and prevent risky behaviour. Good performance is achieved when this message is reinforced with our effective and ongoing safety reminder campaign— this time reminding our employees to BE VIGILANT, and that injuries don't announce...they pounce.

Quality

RAWAFED AL-KHOR Co. Operating Companies collaborate to share information about new products and processes that have been proven to work. Our publications distribute this knowledge by detailing the product or process; outlining the safety, quality, and productivity benefits; and explaining investment and payback criteria.

Productivity

SLIVER SKY Co. Iraq, productivity isn't about shortcuts – it's about creating the right conditions for schedules and plans to be completed on time or with time advantage.

This includes pre-planning, setup, deploying trained workers with the right tools and equipment, as well as the correct degree of instruction and supervision.

The integration of safety, quality and productivity has successfully reduced injuries and injury costs while improving quality and productivity. This makes RAWAFED AL-KHOR Co. one of the safest and most efficient specialty contractors in the world – and the right choice for your next commercial construction and facilities services project.



CERTIFICATIONS



Certificate of Registration

This is to certify that

**RAWAFED ALKHOR COMPANY FOR THE IMPORT AND SALE
OF PETROLEUM PRODUCTS LIMITED LIABILITY
IRAQ – BASRA- AL-JAMAHURIYA – AL-TAJARI STREET - ADJACENT TO
AL-JAMAHURIYA STADIUM**

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

**PROVISION OF TRADING, ENGINEERING, PROCUREMENT, CONSTRUCTION,
COMMISSIONING, INDUSTRIAL, AND OTHER RELATED SERVICES, INCLUDING LIFE
SUPPORT, HOUSEKEEPING, CATERING, AND CAMP MANAGEMENT SERVICES.**

Date of Certification: 16th October 2025
1st Surveillance Audit Due: 15th October 2026

2nd Surveillance Audit Due: 15th October 2027
Certificate Expiry: 15th October 2028

Certificate Number: 3050251016134Q



Chaman ..
Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
(In case surveillance audit is not allowed to be conducted; this certificate shall be suspended / withdrawn).

The Validity of this certificate can be verified at www.qrocert.org

This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

India Office : QRO Certification LLP

142, IInd Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)
Website : www.qrocert.org, E-mail : info@qrocert.org



Certificate of Registration

This is to certify that

**RAWAFED ALKHOR COMPANY FOR THE IMPORT AND SALE
OF PETROLEUM PRODUCTS LIMITED LIABILITY**

**IRAQ – BASRA- AL-JAMAHURIYA – AL-TAJARI STREET - ADJACENT TO
AL-JAMAHURIYA STADIUM**

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 14001:2015

Environmental Management System

For the following scope of activities:

**PROVISION OF TRADING, ENGINEERING, PROCUREMENT, CONSTRUCTION,
COMMISSIONING, INDUSTRIAL, AND OTHER RELATED SERVICES, INCLUDING LIFE
SUPPORT, HOUSEKEEPING, CATERING, AND CAMP MANAGEMENT SERVICES.**

Date of Certification: 16th October 2025
1st Surveillance Audit Due: 15th October 2026

2nd Surveillance Audit Due: 15th October 2027
Certificate Expiry: 15th October 2028

Certificate Number: 3050251016135E



Chaman ..
Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
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IRAQ – BASRA- AL-JAMAHURIYA – AL-TAJARI STREET - ADJACENT TO AL-JAMAHURIYA STADIUM

has been independently assessed by QRO and is compliant with the requirement of:

ISO 45001:2018

Occupational Health and Safety Management System

For the following scope of activities:

PROVISION OF TRADING, ENGINEERING, PROCUREMENT, CONSTRUCTION, COMMISSIONING, INDUSTRIAL, AND OTHER RELATED SERVICES, INCLUDING LIFE SUPPORT, HOUSEKEEPING, CATERING, AND CAMP MANAGEMENT SERVICES.

Date of Certification: 16th October 2025

2nd Surveillance Audit Due: 15th October 2027

1st Surveillance Audit Due: 15th October 2026

Certificate Expiry: 15th October 2028

Certificate Number: 3050251016136HS



Chumant...
Head of Certification

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OUR CLIENTS



A photograph of an industrial refinery or chemical plant at sunset. The sky is a mix of blue, purple, and orange. The facility is illuminated with various lights, highlighting several tall distillation columns and large storage tanks. A large, white, dome-shaped tank is prominent in the foreground. The overall scene is a complex of pipes, ladders, and industrial structures.

RAWAFED AL-KHOR Co.– Contact Details

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