



MANAR AL-IEMMAR CO.

COMPANY **PROFILE**

PERFORMANCE
BEYOND LIMITS

manaraliamar.com



PRESIDENT'S STATEMENT

At MAC, our prime focus is to deliver solutions that make a change. We adopt a process where innovation and creativity go hand in hand to achieve results. The MAC team works in cohesion with internationally recognized methods to meet quality standards per our global reach. Since its inception, our time-honored philosophy has been to provide "superior products and services that enhance the wealth of the stakeholders." To us, our customers matter most and we consider their satisfaction the key to any successful business. With an effective and creative management team, MAC continues on its voyage to bring positive change, sustainable growth, and development to our organization and society.

Bashar Al Hussein
President MAC



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superior products
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COMPANY OVERVIEW



Established in 2007 as a limited liability company, Manar Al-I'Emar "MAC" is a leading Iraqi general trading and EPC contracting company focused on providing services that meet clients' needs in the electrical and construction sector. Our EPC division offers a single point solution for the execution of project engineering, procurement, construction and commissioning of large contract projects in the Iraqi market. We approach every electrical and instrumentation project with the goal to succeed and perform to plan, delivering with safety and cost improvement efficiencies, value engineering, and economies of scale.

Our multi-divisional structure gives us the flexibility and advantage to maintain quality, time, and cost-effectiveness, i.e. key factors for success. MAC is a reputable company that conducts itself with the same integrity regardless of project size.

We are comprised of a group of well-experienced, safety-conscious engineering professionals capable of effectively operating in challenging project environments. Our electrical, instrumentation and construction experience and capabilities have allowed us to tackle some of the most challenging and time-bound projects for our customers. The company is known and recognized for its professionalism and on-time delivery.

While the oil and gas market may be volatile, the call for safe and environmentally sound transport is constant. Recently MAC entered the oil and gas market aiming to provide a full range of unique state-of-the-art services, mainly pertaining to pipelines and facilities protection

and safeguard prior to failure whereby minimizing damage and loss of revenue due to unplanned shutdowns.

MAC is guided by the core philosophy of 'performance beyond limits.' We have always endeavoured to ensure that excellence and consistency permeate each and every facet of our business activity. Our company employs professionals worldwide who are committed to developing timely and competitive solutions for complex projects in compliance with the highest technical safety and quality standards. MAC exclusively affiliates itself with well reputed design and manufacturing entities in the electrical and instrumentation domains such

as: ABB, Hitachi, Schnider, Siemens. In the oil & gas sector it is affiliated with: Denso UK, Arched Energy consultancy for (MISI) steel, Japan, Arbochim chemicals of Belgium, Larken consulting UK, Dr. Concrete Iraq, RYSCO Corrosion Canada, 3X Engineering Monaco, Inductosense of UK and Solartech GRP for over insulation protection.

Additionally, MAC trains its staff on all offered services to maintain the quality rooted in our meticulous attention to detail, be it in engineering, manufacturing plants & pipeline rehabilitation, or in the electrical and instrumentation industry. This results in the overall success of projects and enables us to meet our clients' requirements.



OUR VISION

At MAC, our aim is to be recognized as a leading company in Iraq's trade and general contracting sector that provides world-class innovative services. We remain focused on sustaining our capability of delivering high-quality projects within the market that exceed our client's expectations and developing long-term partnerships by providing unsurpassed engineering solutions.



OUR MISSION

Our mission is to strive to provide competent, dedicated and reliable technical and engineering manpower that is professionally driven and can make a difference in the quest to achieve its company goal. It is also to partner with foreign leading companies that fulfil the requirements of the contracting sector and deliver the highest level of contracting services at competitive market prices.

CORE VALUES



INTEGRITY

We are committed to business ethics.



CLIENT SATISFACTION

We strive to meet and exceed our customers' expectations.



HIGH PERFORMANCE

We are committed to efficiency, reliability and quality in our work. Our reputation depends on our delivered value in the eyes of every customer and community.



INNOVATION

We are focused on developing and applying world-class technology that will meet our clients' needs and requirements.



ENVIRONMENT

We are committed to adhering to regulations that protect the environment in all our projects.



SUSTAINABILITY

We improve the quality of life in communities where we work by respecting local cultures, engaging locals and protecting the environment.



OUR OBJECTIVES

Through our various innovative solutions, which include construction solutions, electrical and mechanical contracting, and civil works, we aim to contribute tremendously towards building a better future for Iraq.

To facilitate harmonious partnerships with leading foreign companies in the manufacture of building materials, civil works supplies, and electrical projects to ensure the provision of high-quality materials that meet technical standards and specifications.

To strive to provide the highest level of service while offering superior craftsmanship to every project we handle.

To ensure the application of quality management systems and global health and safety standards within worksites.

To ensure the application of all local and international technical standards and specifications for the contracting sector and its various projects.



HEALTH AND SAFETY

Health and safety matters derive their importance from the fact that they are a binding condition in the workplace, in addition to their direct relevance to the life of the work team, from daily workers to specialized administrative and technical cadres. For this reason we pay great attention to safety and security matters

and spare no effort to provide all safety and security equipment and train work crews. MAC requires each member of the workforce to be regularly trained in safety. This high level of education allows each member of the construction work crew to analyze the work that is intended to be performed from multiple aspects, which drastically

reduces the possibility for areas to be overlooked throughout the construction sequence.

This is in addition to our continuous efforts to provide suitable and safe working environments and to work on the periodic maintenance of all equipment and machinery that the teams work on.

THE COMPANY'S DEPARTMENTS

ELECTRICITY DEPARTMENT

Our experienced electrical department consists of professional engineers with more than 20 years of experience designing, installing, and equipping electrical projects of various sizes and complexity. This department specialises in electrical works for stations, networks, underground cables, suspended electricity transmission lines, control panels, transformers, and towers. We are trusted to bring inventive solutions to complex electrical challenges.

Design and implementation of electrical stations of all kinds from 33,132,400 kV.

Extending underground cables.

Fixing the route and extending the suspended electricity transmission lines.

Preparing and installing of electricity transmission towers.

Preparing and maintaining electric electricity transformers.

Extending and establishing internal and external networks to distribute electricity to buildings, including control panels.

Equipping fixed and mobile secondary transfer stations.

Equipping fixed and mobile secondary transfer stations.

CIVIL WORKS DEPARTMENT

This department is powered by long experience engineers, capable technicians, and skilled workers, supported by cutting-edge devices and site tools to provide MAC the precise ability to implement civil works projects of various sizes from:

Street construction

Extending water transmission lines

Design and construction of all types of buildings.

Establishing desalination plants

We are able to implement the various stages of these projects, starting from site surveys and land preparation work in terms of cleaning, repair, levelling, compression, preparation for concrete platforms, digging trenches, supplying surveillance cameras through to providing central sewage and the concrete pumps and concrete transport vehicles, using the latest technologies and equipment.



QUALITY CONTROL DEPARTMENT

We believe that the success of our projects and the extension of the life span of the facilities lies in the continuous follow-up during the various stages of implementation. The management and staff of MAC are committed to:

Ensuring that all projects are executed to meet or exceed our customers' requirements and provide good value to them.

Oversee the implementation of technical and engineering standards and specifications and to follow up the work sites on an ongoing basis.

Ensure that quality management systems adopted by MAC meet all the applicable requirements of the International Standard for Quality Management.

Ensure that all construction materials, equipment, and electrical parts for all electrical and construction projects comply with international and local quality standards and technical specifications of the Ministry of Electricity, which is why we supply them from leading foreign companies in this field.

OUR SERVICES



ENGINEERING DESIGN

Our skilled electrical design team has a diverse range of experience in building electrical services for commercial and industrial projects. We design and implement all electrical energy production and transmission projects such as power stations, extending power transmission lines and transformers of all kinds, in addition to high-capacity towers and ground cables.



GENERAL CONTRACTING

We provide specialized solutions to implement all construction, electrical and mechanical contracts for roads, utilities, sidewalks, and infrastructure projects for both the public and private sectors as well as warehouses, hangars, fuel and energy stations. In addition, we provide processing solutions that include engineering design work, drilling, reservoirs, lines, and networks, whether electricity or water networks, or sewerage, as well as solutions for operation, maintenance, rehabilitation and restoration of various installations.



CONSTRUCTION AND BUILDING

The design, engineering, and civil works teams cooperate with the technicians and specialists in the construction and building of residential and commercial complexes, health buildings, schools, and kindergartens. We also design and implement desalination plants, and this service includes all solutions such as internal division works, excavation works, concrete works and construction works. Construction and reconstruction work, operation of facilities and buildings, finishing or maintenance, and restoration solutions for all buildings and stations.



SUPPLY OF STRUCTURAL MATERIALS

We have insider industry knowledge of the top construction material and manufacturing industry suppliers and we have extensive in-house research capabilities. We have also established good partnerships with many leading foreign companies in the manufacture of construction equipment and are able to meet most requirements for the contracting sector. We can supply construction and reconstruction projects of all sizes with diverse needs such as brick, gravel, cement, sub-base, boulders, and rebar of any sort. We can restore and rehabilitate buildings, in addition to providing insulation materials, generators, and any part or equipment needed by various electrical projects, including stations, networks, power transmission lines, towers, and transformers.



OUR SERVICES



CIVIL CONSTRUCTION SERVICES

Our in-depth understanding of the construction industry, combined with labor management expertise, has enabled us to successfully render civil construction services to national as well as international clients. All projects are carried out with a commitment to maintaining excellence, delivering the highest quality of design and build on-time, safely and within budget.

Demolition, earthworks and infrastructure
Housing complexes
Recreation facilities
Retail buildings
Roads and bridges
Runways, aprons and hardstands
Warehouses and hangars
Water and electrical systems



PROJECT MANAGEMENT

We support our clients in the planning and design phases with a strict focus on delivering projects on time, within budget, and without compromising on quality. Through a group of specialized consultants, MAC manages projects in an innovative and technology-driven way with an emphasis on streamlining tasks. Our Project Management services include cost management, scheduling, risk management, and forecasting of variables. All of this helps investors manage risks and not to default or override costs, especially in the case of large construction projects such as bridges, railways, airports, ports, power stations, and huge industrial and commercial projects. Thus, project management helps reduce variance among costs, estimated and actual schedule in order to ensure that projects are delivered within the allocated budget and schedule.



THE TEAM

100% local
Proven track record of delivery all projects in Iraq
Health and safety commendations
Skilled and experienced management team
Supply of services to Iraq since 2007
Registered Iraqi company
Managed by Iraqi managers and engineers



OPERATING AND MAINTENANCE

We provide specialized solutions for operating and maintaining the various stages of projects, buildings, and power stations inside and outside the country, in terms of planning, gathering, and analyzing all operating data and other big data. We inspect the current facilities in order to anticipate possible operational errors, and thus avoid them by applying the most advanced technologies that help to maximize the operational process and extend the operational life of various facilities. All of this is driven by our extensive knowledge of project management, advanced engineering, technical techniques, and safety skills.



PROJECTS

The projects implemented by the company and its managing director Bashar Abdul Sattar Sadiq

PROJECT TITLE	COMPLETION DATE	CLIENT	Value (US Dollars) Millions
Provision & Installation of 63 MVA capacity Transformer	2012	Al Muthana Governate	1.556
Provision of 33 KV Circuit breaker for north Nasiriyah secondary station	2013	Southwest Networks	0.556
Provision of 11 KV Circuit breaker for north Nasiriyah secondary station	2013	Thi Qar Governate	0.916
Expansion of North Nasiriyah secondary station/supply and installation of 132 KV capacity transformer	2014	Southwest network	7.080
Provision of 132/33 Mobile station with capacity 45MVA	2015	Thi Qar Governate	9.500
Provision of 132 double circuit line for Nasiriyah thermal power station including transmission towers	2018	Thi Qar Governate	2.817
Provision of 33 KV circuit breakers	2018	Southwest Networks	2.294
Provision of 33 KV capacitors	2018	Southwest Networks	0.900
Preparation of mobile station 132 KV with capacity of 63MVA	2021	General Electric Power transmission company	9.588
Replacement of the GIS system for the 132 KV Al Masab Al Aam station	2022	General Electric Power transmission company/south area	8.230
Provision of 132 KV mobile station with a capacity of 25MVA	2022	General Electric Power transmission company/south area	1.685
Provision of capacitors for 132 KV	2022	General Electric Power transmission company /south area	5.130
Design and installation of Nasiriyah stn.400 KV 1st phase	In Progress	Thi Qar Governate	11.147
Construction of south of Nasiriyah stn.400 KV 2nd phase	In progress	General Electric Power transmission company/south area	17.234
Provision and installation 132 KV GIS system for North Samawa substation	In progress	General Electric Power transmission company/south area	9,290
Provision of capacitors Bank 11KV	In Progress	General Electric Power transmission company/south area	2,203



OIL & GAS DIVISION

From 2019, following its success in the electrical & construction sectors with outstanding recognition by our clients, Manar Al-I'Emar found itself capable of providing specialized and unique services to the oil & gas sector, concentrating mainly on transmission and storage facilities. Since then, we have been working at the heart of energy production infrastructures, designing, installing, starting up, and maintaining them while ensuring the best possible conditions in terms of safety, costs, lead times, and quality. With a reputation for relentless dedication and client satisfaction from its specialists, MAC acquired affiliations with best in the market products and service providers such as DENSO, 3X Engineering, Larkton, RYSCO, Ojaj, Arbochim, Inductosense, to name a few.

Our goal is to deliver timely, cost-effective, innovative, and sustainable solutions. To consolidate on the application of these specialized services, MAC joined forces with Dr. Concrete as its supporting partner which has excellent service facilities in the Iraq market, offering on the ground wealth of experience in the construction and rehabilitation of oil & gas transmission and storage facilities.

OIL & GAS DEPARTMENT

SERVICES AND AFFILIATIONS

Pipelines and tanks Wrapping and sealing	DENSO UK
Pipelines & vessels commissioning, gauging, ILI, welding, blasting, and coating.	Dr.Concrete Iraq
Inductosense Inspection innovation	Inductosense UK
Pipeline online contactless Inspection	Polyinform KSA
Pipelines, vessels and tanks rehabilitation	3X Engineering Monaco
Pipelines, facilities, and tanks Assessment	Larkton UK
Integrity & Corrosion management	RYSCO Canada
RCM Training for Staff capability enhancement	RCM USA
Provision of Line Pipe through Arches Energy	Consultant for MISI
Supply of production chemicals & technical support	Arbochim Belgium



DENSO

Winn & Coales (Denso) Ltd, established in 1883, has been at the forefront of cost-effective, long-term, corrosion prevention, weatherproofing and sealing technology for over 90 years. With parent company Winn & Coales International, currently owning seven subsidiaries worldwide (four of them manufacturing), the company is able to draw upon a wealth of experience in producing its well-known quality brands such as Denso®, Viscotaq™, Archco™, Protal™, Bore-wrap™, Densostrip™, Premier Shrink Sleeves™, Steelcoat™ and SeaShield™ to deal with corrosion and sealing problems in many difficult environments.



DR. CONCRETE

Manar Al l'Emar and Dr. Concrete joined forces to complete the services puzzle and provide full turnkey solutions for any rehabilitation project. Products, services, and expertise were combined to overcome most encountered problems be it online or offline. The issue is detected, inspected, diagnosed, evaluated and solutions are identified.

Dr. Concrete was founded in 2012 to operate in two sectors, Dr. Concrete Trading & Dr. Concrete contracting. We have extensive experience in the construction field, coupled with the support of famous brands and an excellent line of products. In this major sector, we have succeeded in attracting many engineers and specialists. Our company provides an amiable and flexible work environment that allows our teams to flourish and produce the best outcomes. We use and develop a lot of business concepts that ensure continued success and because we provide genuine guarantees for our work, all our customers return with repeat business.

INDUCTOSENSE

If you want to be proactive rather than reactive, the ultimate most cost-effective solution is Inductosense self-adhesive inspection pads that provide you with on line continuous alarm before a failure occurs.



POLYINFORM CONTACTLESS INSPECTION

To enhance on the existing conventional inspection technologies for buried pipelines avoiding excavations and extensive logistical preparations, Manar Al- I'Emar in association with Ojaj technologies of KSA decided to introduce Contactless Inspection Technology. A new patented pipeline inspection invention based on the measurement of minute magnetic waves caused by the interruptions to the natural magnetic field of the pipeline. The interruptions are caused by stress concentrations such as corrosion and mechanical defects.

The invented KMD-01 detects changes in the magnetic field of the pipeline remotely using high sensitivity magnetoresistive nano films.



MAC 24



MAC 25



3X ENGINEERING

After a thorough search for guaranteed solutions for oil and gas defected facilities, we chose the pioneer for composite repair of pipelines vessels and tanks. 3X Engineering offers effective, quick solutions and rapidly arrests any defect including online leaks be it oil, gas or water, thereby reinstating the integrity of that asset. To further assure its clients of the outstanding quality of offered repair, 3X engineering warrants all designed repairs for 20 years.

If you have a leak and cannot shut it down for repair, call on us, we have the system in house and a certified local team that will mobilize to execute the work within hours.

LARKTON LTD.

Another pioneer in corrosion and integrity management firm was added to Manar Al-Emar's roster. Larkton has hands on experience in assets corrosion management and can undoubtedly provide best in practice consultancy services. Manar Al-Emar is one of the only Iraqi companies that has an inhouse corrosion management team that can provide instant services.

Professor Liane of Larkton Ltd. is the founder of the famous Electronic Corrosion Engineer 'ECE' for downhole materials selection of which most of us corrosion consultants have bought versions 1,2,3,4 and 5. Over the past few years Prof. Liane developed a corrosion management software which captures all modes of corrosion and flow strategies in pipeline, offering unmatched insight to the inner workings of the pipeline during its operation.



RYSCO CORROSION MONITORING

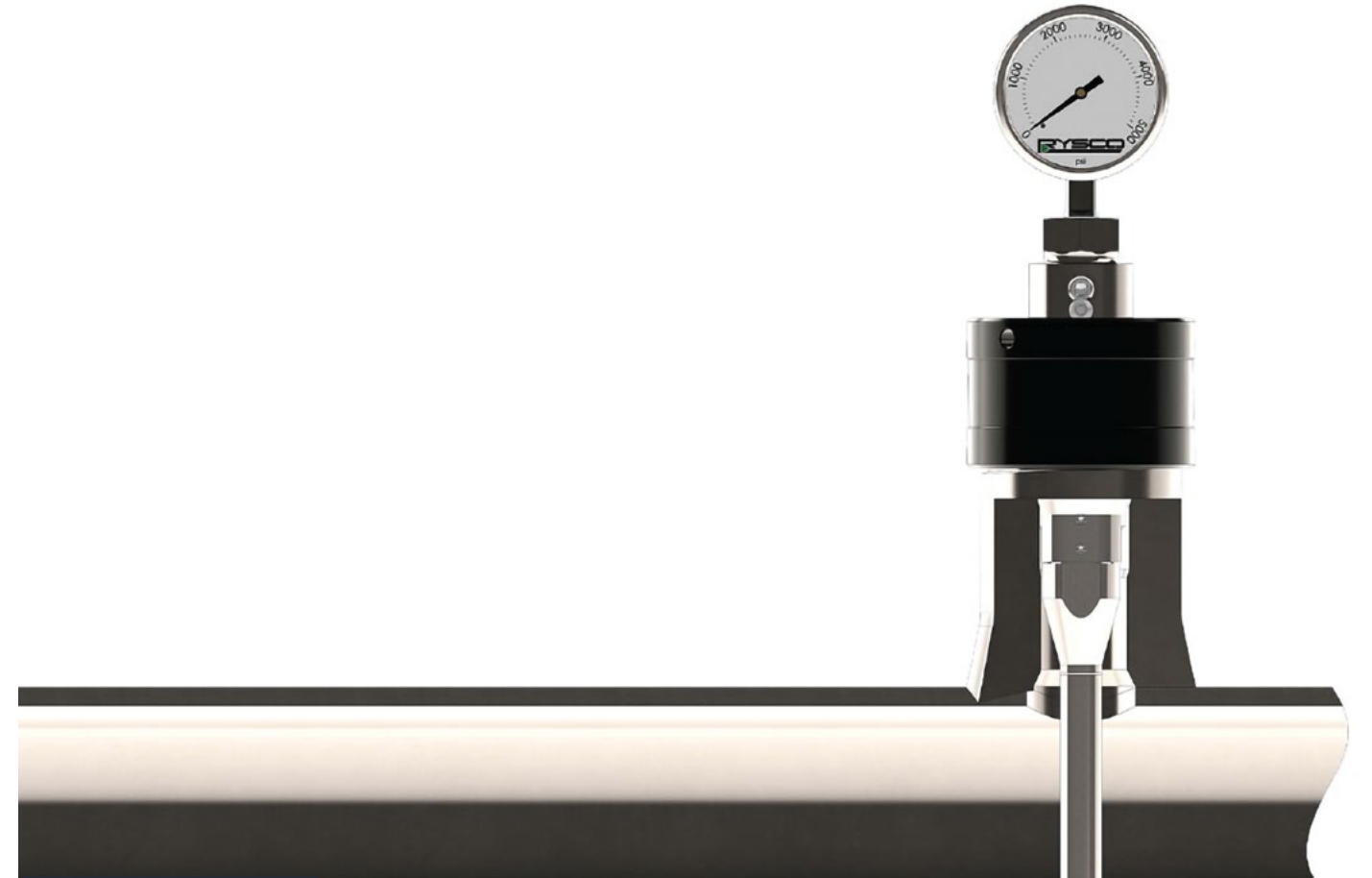
Established in 2007, Rysco Corrosion set out with a mission to provide the best corrosion measurement and monitoring services available in the marketplace, so that their clients can make informed decisions related to their infrastructure assets, in the interests of public safety and the environment. They consider their mission to be an honest commitment to all stakeholders.

High Pressure Access Fittings

Corrosion Coupons

Electronic Probe

Electronic Probe Instrumentation



ARBOCHIM CHEMICALS

Arbochim NV is a Belgian company specializing in the production and distribution of industrial and specialty chemicals. This includes, amongst others products for petrochemical industry, waste & water treatment, manufacturing industry, transport & container industry, marine industry and specialties.

They have over a quarter of a century experience in the chemical field and have built a reputation for reliability, quality and unparalleled service over the years.

2023

COMPANY PROFILE

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