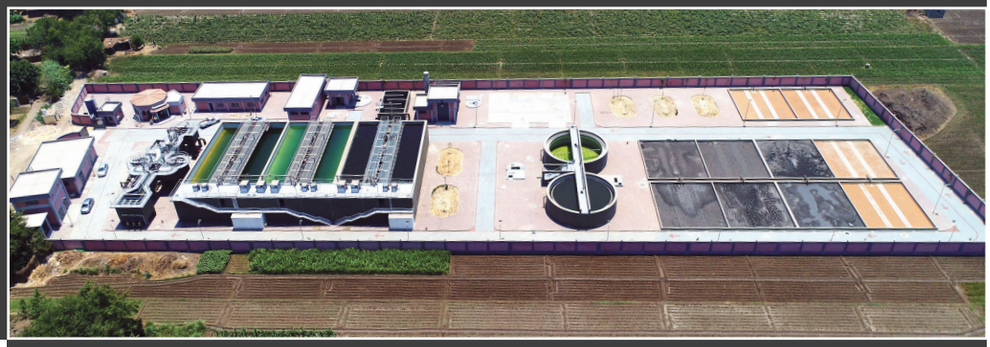
KHARAFI NATIONAL

A LEADING DEVELOPER OF WATER, WASTEWATER, INDUSTRIAL TREATMENT PLANTS AND LIFT STATIONS

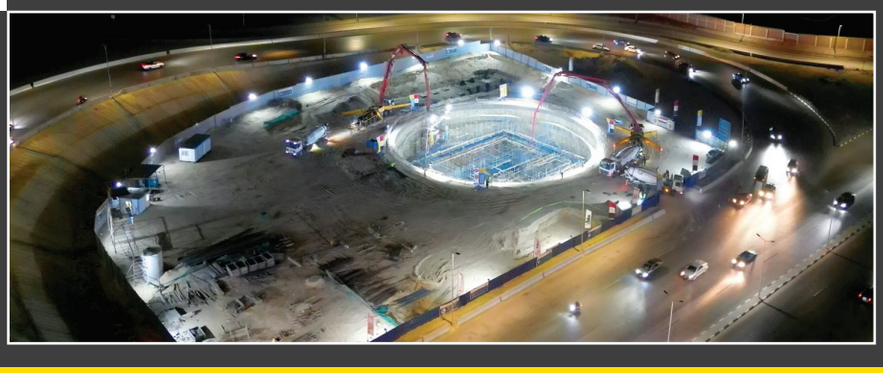








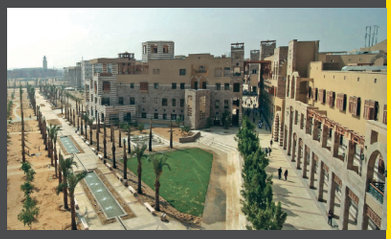




KHARAFI NATIONAL WATER, WASTEWATER AND INDUSTRIAL TREATMENT SERVICES







History

Kharafi National SAE was incorporated in 1999 as part of a carefully devised strategy for regional expansion in coordination with M.A.Kharafi's (MAK's) investment plans in Egypt and Africa. Since then it has became a key player in the EPCM and MEP market in Egypt.

During the early years MAK investments in Egypt were the main business focus. Accordingly, Kharafi National concentrated on projects related to the distribution of natural gas to consumers in Alexandria, Al-Salam and the Sixth of October City, and fast became the leading private contractor in terms of the number of customers converted to the use of gas for domestic purposes.

Kharafi National also participated in MAK investments in Marsa Alam town (Port-Ghalib) on the Red Sea, where the company executed most of the city's infrastructure works including power stations, potable water and sanitary water treatment stations, and the district cooling plant. It also carried out the EPCM works for the airport and several hotels.

Kharafi National has also completed several other contracts with MAK such as Addis Ababa Airport, The Gambia Beach Hotel and Kharafi Hotel in Addis Ababa, Ethiopia.

Kharafi National has expanded its market undertaking contracts with clients such as the American University in Cairo, the Marriott Hotel, NAT Gas, EMAAR, SODIC, NBE, and Ministry of Electricity (EAST DELTA CO.).

Building on the company's growing reputation in Egypt and Africa for quality work, timely execution and cost-effectiveness, Kharafi National has expanded its presence in the region by aggressively tendering for contracts with local and external clients.



Our uniquely broad range of services, experience, skills and capabilities to undertake a wide range of challenging projects enables us to deliver increasingly complex capital projects and facilities management services efficiently and to the highest of international quality standards to the Middle East and Africa markets.
Above all, we are committed to excellence in everything we do.



We are encouraged by the mid to longer growth opportunities in our markets.

Kharafi National today

- Annual turnover exceeding 20 Billion EGP.
- A dynamic and progressive strategy designed to deliver a wider range of general and special Construction project development support across a wider geographical area.
- A dedicated focus on industry leading Safety and Quality control procedures and systems.
- A progressive Human Resource strategy designed to attract and reward the best people at all levels in our business.
- Strong relationships with the most prominent Engineering Procurement & Construction firms.
- A work shop covering all operations related to the Fabrication business.
- A Motor and Equipment fleets to support the projects' requirements.
- World class logistical warehousing facilities covering all operations.

We have the people, the systems and controls to sustain our market-leading position. We are looking forward to a future of sustainable growth due to our expansion into growing markets.



A versatile and dynamic construction, facilities management and fabrication developer

Kharafi National provides the complete spectrum of support, services and technical disciplines required to deliver every size and scope of capital projects.

Kharafi National operates principally in the Power & Energy, Water, Wastewater, Integrated Civil, MEP, Commercial & Industrial sectors in Middle East & Africa, and rapidly expanding its activities in terms of disciplines, industry sectors and geography.

We strive to deliver excellence throughout our business and are proud of our achievements as one of the leading integrated construction companies in our region.

Construction

Development, financing, construction management, operation and maintenance of major infrastructure projects. Integrated processes for the planning and delivery of major infrastructure projects as one of the leading general construction contractors.

Facilities Management

Provides comprehensive and integrated services for institutional, commercial , administrative, residential complexes and palaces and industrial facilities, facilities and Infrastructure.

Delivers Hard & Soft services to a wide range of industries.

Fabrication Services

Manufacture of a wide range of Duct works, Steel Structures, Aluminium works, Painting & Insulation works and repair works for the power, oil & gas, water, industrial and civil construction sectors.





Kharafi National provides a complete range of Construction Services in the Water Desalination, Wastewater, Industrial and Lifting plants. The company's scopes of work cover a comprehensive range of water treatment, dewatering, and sludge management solutions using the latest technologies.





Kharafi National's structured breakdown of key areas of expertise in the water sector:

1. Dewatering & Water Extraction
- Advanced dewatering from wells or open intakes.
- Sustainable and safe shoring of trenches to prevent collapses.

2. Water Pretreatment
- Removal of large suspended solids, oils, grease, and impurities to protect downstream systems.

3. Filtration & Desalination
- Micro/Ultrafiltration for eliminating colloidal matter & fine particles.
- Reverse Osmosis (RO) expertise for desalination & mineral separation.

4. Biological & Advanced Treatment
- Primary Treatment: Removal of settleable solids, fats, and oils.
- Secondary (Biological) Treatment: Microbial degradation of organic pollutants.
- Tertiary Treatment: Advanced nutrient removal, fine filtration, and disinfection (ex: UV, chlorination).

5. Post-Treatment & Water Quality Control
- Disinfection, remineralization, and stabilization for safe reuse.
- High-quality freshwater production for immediate use.

6. Sludge & Residual Management
- Sludge thickening, drying beds, and pump stations.
- Safe disposal & environmental compliance.

7. Specialized Tank Manufacturing & Construction
- Bio-Block systems, equalization tanks, chlorine contact tanks.
- Sludge thickeners & drying beds.

8. Automation & Control Systems
- High-precision SCADA systems for process monitoring & optimization.

9. Full Project Lifecycle Services
- Design, commissioning, testing, and O&M of water treatment plants.





Key Strengths:

- Sustainable & safe dewatering.
- Cutting-edge filtration (RO, UF, MF).
- End-to-end wastewater & sludge treatment.
- Custom tank manufacturing.
- Smart automation (SCADA).
- Compliance with environmental standards.



Kharafi National as a comprehensive integrated developer for industrial, municipal, and construction related water treatment needs, assures efficiency, sustainability, and regulatory compliance.

PROJECTS

El Sharkia Gov. Main & Secondary Sewage Lift Stations



Owner: Sharkia Potable Water and Sanitation Co.
Main Contractor: Kharafi National
Project Date: 2018

Scope:
Construction of Sewage Networks, lift stations, extend seven sewage networks of 310 km UPVC pipelines and force main lines to collect and transport the wastewater outside seven villages to the treatment plant.







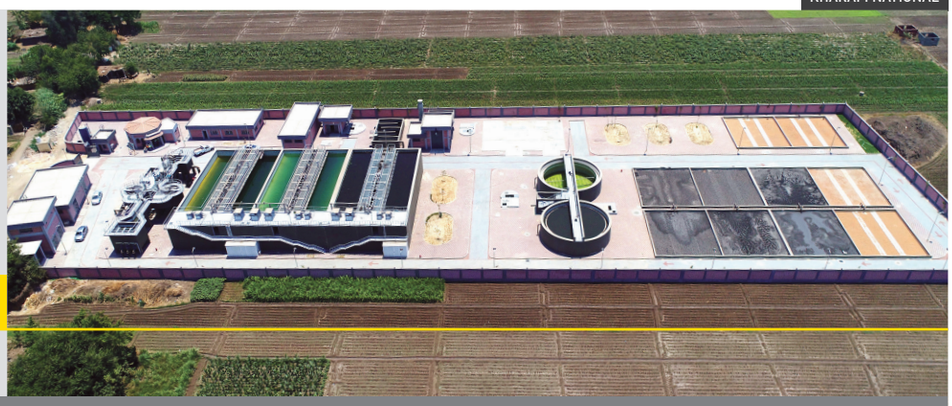






PROJECTS

AL Brigate WWTP



Owner: Holding Co. For Water & Waste Water
Main Contractor: Kharafi National
Project Date: 2018

Scope:
Design, Supply, Installation and Commissioning of Wastewater Treatment Plant project with Capacity 7,500 M^3/Day.









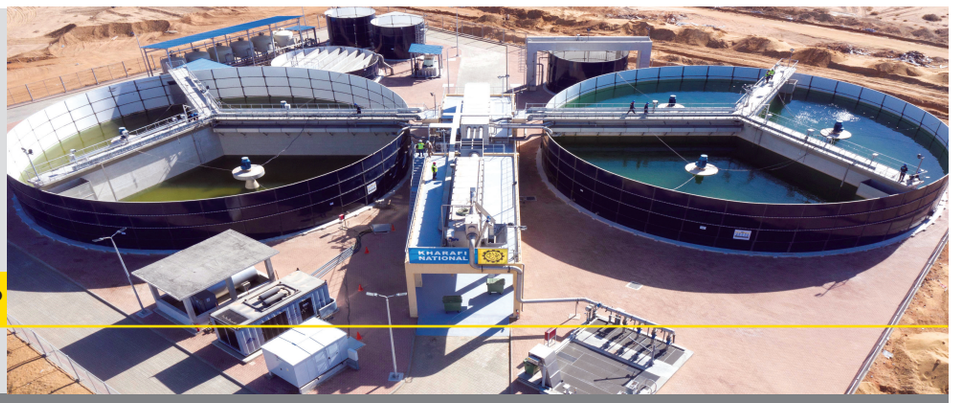






PROJECTS

El Mostakbal City Compact WWTP



Owner: El Mostakbal Company
Main Contractor: Kharafi National
Project Date: 2019

Scope:
Design, Manufacturing, Delivery, Supply, and Construction setting to work Commissioning, Testing, O&M & Electro Mechanical Works.















PROJECTS

Marassi RO & STP Plant



Owner: Emaar Misr
Main Contractor: Kharafi National
Project Date: 2021

Scope: Operation and Maintenance.











PROJECTS

Toshka Sector 03, 02 & El-Shabab Canal South Valley





Owners: Military Engineers Department | National Service Projects Organization | National General Contracting and Supplies | Main Contractor: Kharafi National
Project Date: 2022-2023

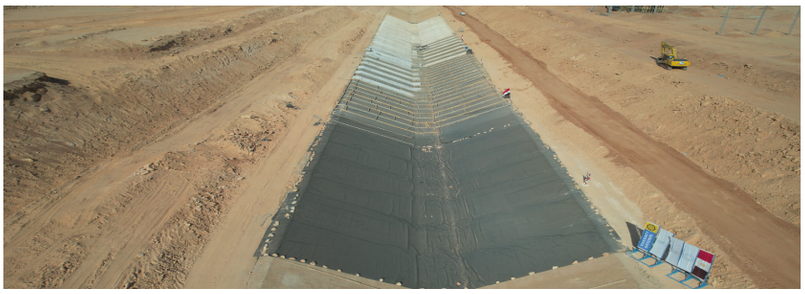
Scope: Infrastructure works for Sector 03, 02 and El Shabab Canal in Toshka.

















PROJECTS

IWWTP , Kom Abu Radi, Bani Sweif-Egypt



Owner: Industrial Development Authority (IDA)
Main Contractor: Kharafi National
Project Date: 2023

Scope: Engineering, Design Services, Civil Works, Furnishing, Fabrication, Site Delivery, Unloading, Installing, Startup, Testing, Commissioning, Training & Insurance till Handing Over and Guarantee of The Substation until Final Acceptance.















PROJECTS

Sinai Water lifting Stations
No. 4, 5 & 6



Owner: National Service Projects Organization
Main Contractor: Kharafi National
Project Date: 2024

Scope: Supply and Install Mechanical Equipments for water lift stations No. 4, 5 & 6.



















PROJECTS

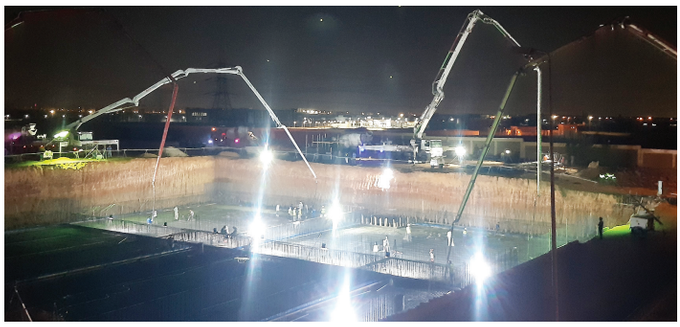
Roubiki Industrial WWTP





Owner: Greater Cairo Sanitation Company
Main Contractor: Kharafi National
Project Date: 2024

Scope:
Rehabilitation and Extension of the Industrial Water Treatment Plant for Roubiki Leather City Phase 1 & 2.















PROJECTS

Gamasa - Central Treatment Plant
Industrial Zone



Owner: New Urban Communities authority – New Mansoura City Development Authority
Main Contractor: Kharafi National
Project Date: 2025

Scope: Design and Execute Central treatment plant for Industrial waste water in Gamasa
Plant Capacity: 15,000 m3/day.





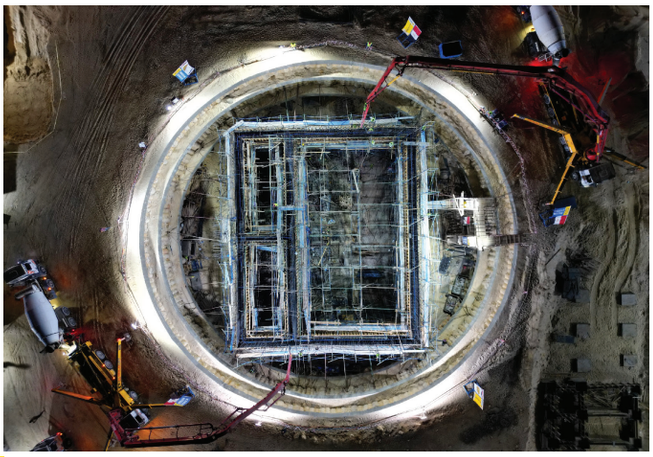
PROJECTS

El Moshir Axis- Lift Station



Owner: National Service Projects Organization
Main Contractor: Kharafi National
Project Date: 2025

Scope: Construction works for lift station No.01





Certificates

Our **Integrated Management System** is certified to **ISO 9001:2015, ISO 45001:2018, ISO 14001:2015 and ISO 41001:2018** standards.


KHARAFI NATIONAL FOR INFRASTRUCTURE PROJECTS DEVELOPMENTS CONSTRUCTION AND SERVICES S.A.E. EGYPT

Bureau Veritas Certification

ISO 9001:2015

Scope of certification

Engineering, Design , Procurement ,Construction , Project Management , Commissioning and Operative maintenance of installations in commercial & Industrial , Petroleum , Chemical , Power , Water and communication sectors


KHARAFI NATIONAL FOR INFRASTRUCTURE PROJECTS DEVELOPMENTS CONSTRUCTION AND SERVICES S.A.E. EGYPT

"IMS"

ISO 9001:2015, ISO 45001:2018 & ISO 14001:2015

Scope of certification

Engineering, Design , Procurement ,Construction , Project Management , Commissioning and Operative maintenance of installations in commercial & Industrial , Petroleum , Chemical , Power , Water and communication sectors


GLOBAL CERTIFICATION BUREAU

CERTIFICATE

This is to Certify that the Management System of KHARAFI NATIONAL – EGYPT

ISO 41001:2018

(Facility Management Systems)

For the Scope of activities described below:

ENGINEERING AND INSTRUMENTING, ASSET MANAGEMENT, CONTRACTING, PRE-FILTRES OPERATION AND MAINTENANCE OF BIOSOLID FUEL COMPOUND DC COMMERCIAL POWER SWITCHGEAR IN DUSTRIAL SECTOR

CERTIFICATE ZERTIFIKAT CERTIFICATO


KHARAFI NATIONAL FOR INFRASTRUCTURE PROJECTS DEVELOPMENTS CONSTRUCTION AND SERVICES S.A.E. EGYPT

Bureau Veritas Certification

ISO 14001:2015

Scope of certification

Engineering, Design , Procurement ,Construction , Project Management , Commissioning and Operative maintenance of installations in commercial & Industrial , Petroleum , Chemical , Power , Water and communication sectors


KHARAFI NATIONAL FOR INFRASTRUCTURE PROJECTS DEVELOPMENTS CONSTRUCTION AND SERVICES S.A.E. EGYPT

Bureau Veritas Certification

ISO 45001:2018

Scope of certification

Engineering, Design , Procurement ,Construction , Project Management , Commissioning and Operative maintenance of installations in commercial & Industrial , Petroleum , Chemical , Power , Water and communication sectors


ISO 55001:2014

Bureau Veritas Certification

Kharafi National is certified by the American Society of Mechanical Engineers **(ASME)** and the National Board of Boiler and Pressure Vessel Inspectors as meeting the quality standards of those bodies.

The Company is authorised to apply the **'U', 'S', 'PP'** and **'R'** stamps.


The American Society of Mechanical Engineers

U

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the applications. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

Kharafi National for Infrastructure Projects Developments – Construction and Services S.A.E.
Plot No. 50, 3rd Settlement, New Cairo.
Egypt

SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED: May 24, 2024
EXPIRES: May 24, 2027
CERTIFICATE NUMBER: 59432

Board Chair, Conformity Assessment

Senior Director, Engineering Operations


The American Society of Mechanical Engineers

S

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

Kharafi National for Infrastructure Projects Developments – Construction and Services S.A.E.
Plot No. 50, 3rd Settlement, New Cairo.
Egypt

SCOPE:

Manufacture and assembly of power boilers at the above location and field sites controlled by the above location

AUTHORIZED: May 24, 2024
EXPIRES: May 24, 2027
CERTIFICATE NUMBER: 59431

Board Chair, Conformity Assessment

Senior Director, Engineering Operations


The American Society of Mechanical Engineers

PP

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

Kharafi National for Infrastructure Projects Developments – Construction and Services S.A.E.
Plot No. 50, 3rd Settlement, New Cairo.
Egypt

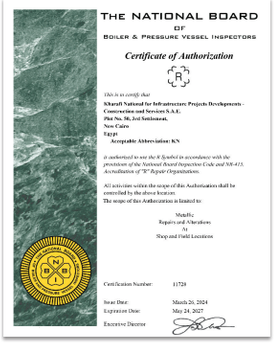
SCOPE:

Fabrication and assembly of pressure piping at the above location and field sites controlled by the above location

AUTHORIZED: May 24, 2024
EXPIRES: May 24, 2027
CERTIFICATE NUMBER: 59430

Board Chair, Conformity Assessment

Senior Director, Engineering Operations


THE NATIONAL BOARD OF BOILER & PRESSURE VESSEL INSPECTORS

Certificate of Authorization

R

This is to certify that

Kharafi National for Infrastructure Projects Developments - Construction and Services S.A.E.
Plot No. 50, 3rd Settlement,
New Cairo
Egypt
Acceptable Abbreviation: KN

is authorized to use the R Symbol in accordance with the provision of the National Board Inspection Code and NB-415, Accreditation of "R" Repair Organizations.

All activities within the scope of this Authorization shall be controlled by the above location.
The scope of this Authorization is limited to:

Modific
Repairs and Alterations
At
Shop and Field Locations

Certificate Number: 11720

Issue Date: March 26, 2024
Expiration Date: May 24, 2027

Executive Director

KHARAFI NATIONAL

Culture of Excellence

EGYPT

Plot No. 50, North of Kattamia,
Ain Sokhna Road, Third Settlement,
New Cairo, Egypt.
Tel.: +20233367688 - Fax: +20237609264

Kingdom of Saudi Arabia

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KHARAFI NATIONAL - WATER, WASTEWATER AND INDUSTRIAL TREATMENT SERVICES