



REIWTEC – Who we are?

REIWTEC is **Unlimited Liability Company**, we are a leading company in the design and build, supplying, installation and or rehabilitation, operation, and maintenance of all types of wastewater treatment plants, sea or brackish desalination plants, and renewable energy power stations. **REIWTEC** vision is guided and driven by research, development, studies, experiments and field research. It supports activities through import, export, trade, contracting, supplying, and the manufacturing of equipment and spare parts associated with its operations requirements.

REIWTEC company has been established with successful partners in the field, with an average experience of 30 years. they have a good reputation in this field. Our Staff includes professional consultants, executives, and specialized technicians have a proven track record of success stories and development. We carried out many previous projects and earned the clients trust locally and internationally.

At **REIWTEC**, we are committed to provide multiple and or optimum solutions to meet our client's satisfaction, despite their different cases, we provide a practical experience designed specifically to cover all needs. Our goals are research and development to stay up-to-date with the latest innovations and technologies that can improve the water treatment field in Egypt, the Arab world, and Africa to help achieve the highest quality at affordable costs and more sustainable solutions.

Our Vision:

REIWTEC vision Based on three principles: Energy conservation and saving, Zero waste and Optimum sustainable solutions with added engineering values.

Our Values:

Trust, commitment and transparency.

Knowledge management to select the optimum solutions with the highest required accuracy.

Sustainability, environmental protection, and occupational health and safety.

Focus on quality and precision with the reasonable CAPEX and OPEX.

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Technical management : 01222863295 - 01093222957

Our Services:

Dear client we provide a comprehensive range of services that meet all your needs, for example:

- * Design and build projects, supply, installation, supervision of implementation, maintenance, and operation for all wastewater treatment plants (sewage, industrial, and agricultural) and sea or brackish desalination plants, whether through thermal technologies MED & HDH or reverse osmosis and renewable energy power plants such as solar energy (photovoltaic panels or solar concentrators), wind energy plants (vertical and horizontal), and small hydraulic power plants up to 100 kW (small water turbines).
- * Maintenance Services: Annual maintenance contracts using the latest technologies (RCM), and in accordance with quality standards to ensure sustainable circular efficiency. Ongoing technical support, regular visits, and emergency response by our team.
- * Design, supply, and installation of treatment systems and Industrial wastewater recycling using renewable energy to enhance added value, in line with the principles of zero waste and energy Saving. This makes the treatment plant project an outstanding investment opportunity.
- * Supplies: We provide spare parts locally manufactured and or internationally imported, trading all water treatment essentials with the highest global specifications and supply all components required for the water and wastewater treatment plants with high quality and at the lowest prices, along with local manufacturing of all equipment and spare parts for our products, while preserving our intellectual property rights.
- * Experimental chains, field scientific services, knowledge management studies, applied research, modeling, and simulation to select the most suitable technical and economic solution before starting large scale constructions.
- * Economic services: we preparing feasibility studies to optimize your investment in water management and maximize added value.
- * Engineering Training Programs: Covering areas such as:
 - Water treatment and wastewater treatment (domestic - industrial).
 - Desalination (reverse osmosis - thermal desalination).
 - Total site management (zero waste principle for industrial wastewater projects)
 - Renewable energy (solar, wind and hydroelectric) and its optimal use in the water treatment and desalination sector.

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Previous Projects:

Following are examples of the prominent projects we have previously undertaken:

1. Supervised the construction of a wastewater treatment plant in Ness village, North Coast (800 m³/day capacity) - owned by MEAMARY Group for real estate investment.
2. Designed and supervised the implementation of a desalination plant using RO (500 m³/day capacity) - owned by MEAMARY Group for real estate investment.
3. Design and supervision of conducting Laboratory experiments for technical colleges and institutes - owned by Bido Company for experiments and supplies for applied and research laboratories.
4. Contracting with (Alexandria Petroleum Maintenance company (PETROMAINT). As a consultation firm for water treatment and desalination.
5. Designed and prepared specifications for water treatment plants at petroleum fields (associated water is wastewater loaded with oils and total dissolved salts) - Main contractor: PETROMAINT, Owner: PETROSHAHAD Company.
6. Consultant for a reverse osmosis (RO) desalination plant (500 m³/day capacity) - owned by the general ports authority - SAFAGA port, main contractor: National Defense Council - Nile valley, Subcontractor: OKAPRO Company – SYCHEM (Greece).
7. Prepared a feasibility study for a groundwater desalination plant (22,000 m³/day capacity) in the ancient city of San Al-Hajar in Sharqia – owner: Al-Sharqia governorate.
8. Design audit for an industrial wastewater treatment plant (water associated with oil production) on an Offshore Platform - Al-Ain Sokhna, (for GEMSA Petroleum Company), the main contractor: PETROMAINT.
9. Design of the research project by using solar energy for generation and water desalination - owner: the Japanese University- Burj Al Arab, hybrid system of renewable energy, desalination and cooling in one integrated system).
10. Designed and supervised the construction of an industrial wastewater treatment plant in Al-Ameriya - Alexandria, for the automated slaughterhouse - owned by Veterinary Medicine Department, Ministry of Agriculture.

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11. Prepare a proposal to rehabilitate the industrial wastewater treatment plant in RUBAKI - Badr City, for wastewater coming from the tanneries complex in the city – as a sub-consultant, Main Consultant: Moharam Bakhoun.
12. Consultant of the Egyptian Cement Company in JUHYNA - Sohag, for the industrial wastewater desalination plant with a capacity of (1,760 m³/day), featuring a three-stage by using R.O system and a natural and mechanical evaporation system for brine waste.
13. Designed irrigation stations for the Egypt Future Project (reclamation of 300 thousand acres in the first phase) and conducted an added value study on design modifications, which saving 125 million \$, (changing the way of the main canal - increasing the pumping stations instead of increasing the lengths of the discharge lines - standardizing the main lifting stations 5 and 6 on the main channel, which gave the project an added value of no less than 100 million \$).
14. Organized a workshop for ACWA Power - Dubai with attendance of 40 experts in six of power stations and water fields (multiple types), solar thermal-electrical energy and wind energy, reverse osmosis desalination plants.
15. Prepared technical and financial proposals for Al-Zahi Contracting Company - First Category Projects, establishing and rehabilitating two sewage pumping stations in Assiut City (with 20,000 and 40,000 m³/day capacities), and a project to establish a main expulsion line from (Baraka pumping station) to the Arab Al-Madabigh treatment plant with a length of 7 kilometers.
16. Contracting for Training in the Kingdom of Saudi Arabia, for the National Water Company, under a contract AQUALIA- Spain with APEX Training Center at Dubai, we actually have started in the north, in QASSIM, HAILand Al-JAWF.
17. Conducting training for major water institutions in Egypt and the Arab world, in the water treatment and desalination, including organization such as: KAHRAMAA Qatar - DEWA,ADWEA and FEWA Emirates – HAYAT (NAMAA) and the Public establishment for Industrial Estates in Oman - the Holding Company for Drinking Water and Wastewater in Egypt (Red Sea and Alexandria) - Abu Qir Company for the establishment and Chemical Industries - Ezz DEKHAILA Steel Company - the General Desalination Company and the Marafiq Company in The Kingdom of Saudi Arabia.
18. Brackish desalination plants were being implemented with different productions ranging from (50 to 1,000 m³/day capacities) through the last few years for different factories and farms in different Egyptian Governorates.
19. Implementation of water filtration plants with different capacities, averaging 10,000 m³/day.
- 20.Importing all supplies for treatment and desalination plants according to the highest required technical specifications, quality control and quality assurance.

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21.Designing and implementing reverse osmosis water desalination plants, wastewater treatment plants with capacities ranging **from 20 to 10,000 m³/day**.

22.Designing and implementing solar power plants with capacities ranging from **20 to 5000 kW**.

23.Maintenance and operation contracts for treatment plants, desalination plants, and energy plants with the latest automated and reliable systems.

Sectors we serve:

1. Industrial sector
2. Agricultural and livestock sector
3. Tourism sector
4. Real estate and construction sector
5. Oil and gas sector
6. Maritime and ports sector

RIEWTEC

Dear clients, together we achieve amazing success stories – we invite you to visit us and we are pleased to receive your contact

Achieve your ambitions with RIEWTEC

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