



CONSULTING & WATER TREATMENT SERVICE

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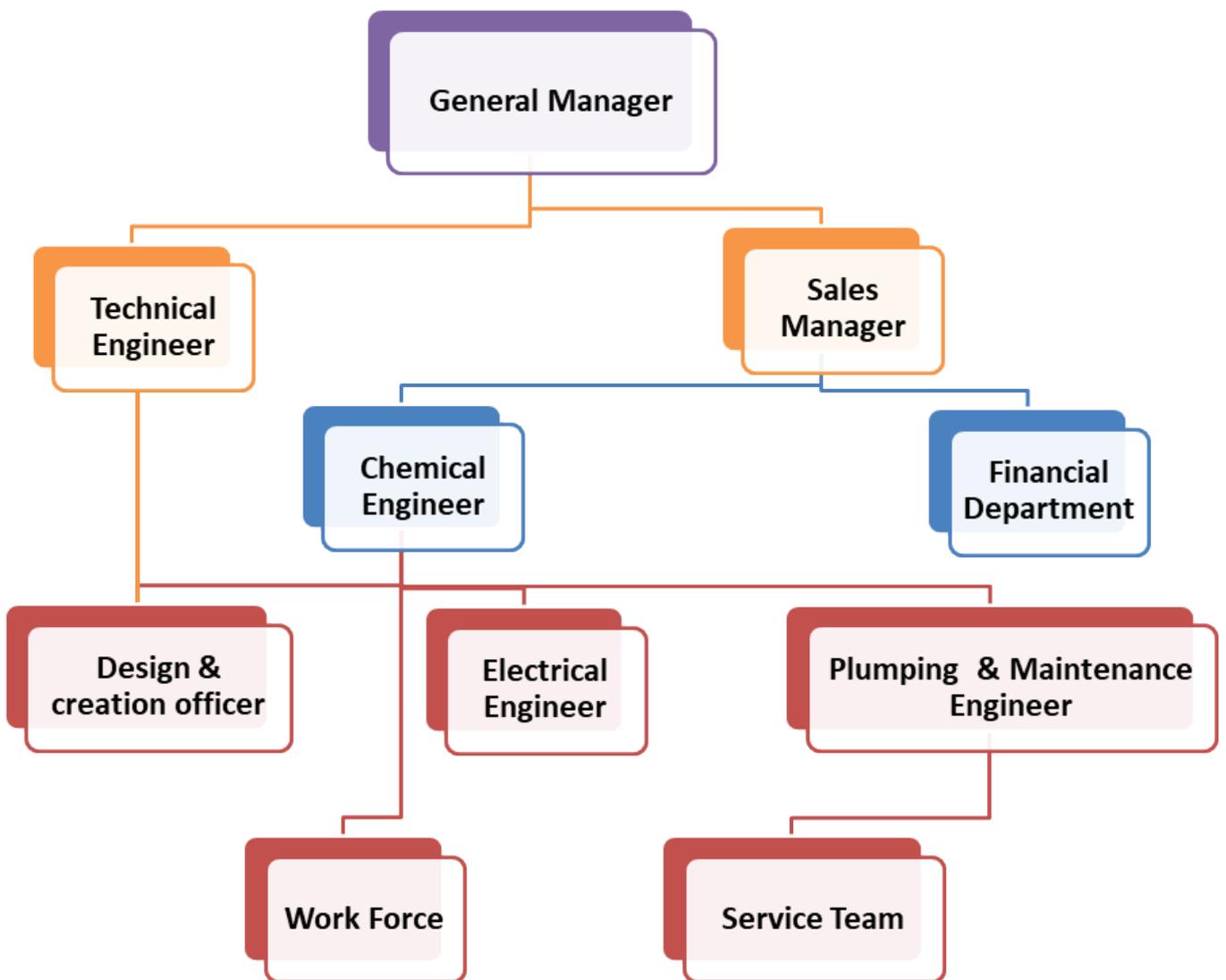
TECHNOCHEM GROUP: -Committed to delivering high quality of products and services, providing excellent water treatment solutions incorporating modern technology.

Our industry is very sensitive to innovations and world new technologies therefore we proactive in all water related events and conferences.

We always bring to the forefront the quality standards from product development, assembling, designing, manufacturing, storage distribution to administration. Our public health analysis and quality control is the pillar for a great possibility to maintain the high level for safe drinking water Standards Company.

We have never compromised on the quality and the services provided to the customer. We believe in keeping the customers happy and providing them with products at a very competent price. We have an excellent staff who will guide you with their best ideas.





• Water Purification and Desalination Plants

• Wastewater Treatment Plants

• Drilling Water Well

• Water Softening System

• Grey Water Treatment & Recycling

• Car Wash Recycling plant

• Water Treatment Components

• Water Treatment Chemicals

• Sewerage Equipment

• Fire Protection and Automation Systems

• Marine and Industrial Chemical Cleaning

• Steam Boilers Chemicals

• Open Cooling Towers & closed Cooling System Chemicals

• Swimming Pool Chemicals

• Bottled Drinking water Minerals

• Lab Equipments

Reverse Osmosis is a process in which dissolved inorganic solids (such as salts) are removed from a solution (such as water). This is accomplished by water pressure pushing the brackish water through a semi permeable membrane. The membrane (which is about as thick as cellophane) allows only the water to pass through, not the impurities or contaminants. These impurities and contaminants are flushed down the drain.

Our engineers can design reverse osmosis systems for any application. Because we custom design our systems for each individual project, we are not limited by flow rate, size, or customer specific requirements.

We have dedicated technical team for such support. Annual Maintenance Contracts (AMC) is the most suitable solution in this scenario. You would get Monthly or Quarterly visit will be carried out by our Technician/ Service Engineer support and technology expertise, after having AMC with us.







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SEDIMENT FILTERS & BAG FILTERS



WATER SOFTENERS

We make Hard water to Soft water

Removing calcium and magnesium compounds in water eliminates hardness scaling in piping, boilers, heat exchangers, and other industrial equipment. This ensures peak productivity, reduces maintenance, and extends the longevity of expensive process equipment. TWT softeners are designed to provide years of trouble-free service in demanding industrial and commercial applications that require continuous soft water supply. Systems are available in single, duplex, or multiple tank configurations with a wide range of features to meet your specific needs.

TWT provides the highest quality systems using the latest technologies resulting in softeners with exceptional performance and reliability, low operating cost, and high corrosion resistance. Fiberglass resin tanks are used for corrosion resistance and long life. High capacity resin provides superior efficiency with minimal salt consumption. Automatic meter initiated regenerations result in greater salt savings over traditional time clock control. Our controller provides system control along with system operating information including flow rate, flow totalizer, remaining capacity and additional system information.



Grey water is generally accepted as being wastewater generated from showers, bathroom sinks, washing machines, dish washers, hand wash basins, which can be recycled on site for use such as WC flushing, landscape irrigation and constructed wetlands. Gray water often excludes discharge from laundry, dishwashers and kitchen sinks due to the high nutrient level highly attractive option for reducing water demand and wastewater generation. There are two types of filtration that might be installed:

1. Media filtration
2. Ultrafiltration

Ultrafiltration systems eliminate the need for clarifiers and multimedia filters. Standard design is based on a UF module with outside-in flow configuration which allows for less plugging, higher solids loading, higher flow area and easy cleaning.

GREY BENEFITS

- Reducing water bills
- Reducing the energy and chemicals used to treat the water to potable standards at the waste water treatment plant
- Great quality of water. The treated water will be 0% bacteria and odorless
- Less manpower requirement

Gas Chromatography

HPLC

FTIR-NIR

Atomic Absorption (AAS)

pH Meter / Conductivity / TDS

Salinity / ORP / Dissolved Oxygen/ COD/BOD

UV / Vis Spectrophotometer

Centrifuge

Shakerse

Digital water baths

Incubator

Vortex Mixers

Electrophoresis

Analytical Balances

Fum Hood

Biosafety Cabinets

Flow Meter

pH Meter

Conductivity Meter

Water Reading Meter

ORP Meter

MLSS Meter

Temperature Meter

Turbidity Meter

Total Organic Carbon(TOC)

Chemical Oxygen Demand

Test kits for different analysis, such as:

Disinfection

Drinking Water

Boiler

Chiller

Cooling Tower

Swimming Pools

Dairy Products

Beverages

Microbiology Laboratory

- Royal Bahraini Air Force :- Al Dur
- Middle East Ice & Sweet Water Plant:- Meenasalman
- Al Manhal Water Factory W.L.L
- AAB Properties:- Amwaj Island
- Amawaj Properties:- Amwaj Island
- Ahmed Mansoor Al Aali Farms :- Janusan
- Sh. Abdulla Bin Salman Khalid Al Khalifa :- Riffa
- Aquautilites Sweet Water Plant:- Jidafs
- Bahrain Water Bottling & Bevarages Company W.L.L :- Galiali
- Sh. Hamad Khalid Al Khalifa :- Al Dur
- ITC Beverages & Bottling Factory W.L.L:- Riffa
- Global Bottled Water:- Asker
- Reef Facilities Management (STP) :- Al Reef
- Aquacool:- Salmabad
- Al Mysore Sweet Water, Bottling & Ice Plant:- Ekker
- Delmon Poultry:- Meenasalman
- Refreshment Trading :- Khamis
- Drops Water:- Hamad Town
- Alghanah Contracting :- Tubli
- Peninsula Farms:- Durrat Al Bahrain
- Bahrain University:- Zallaq
- Safa Poultry:- Hamad Town

 <p>Pentair</p>	<p>HIDROTEK</p>	 <p>Specialised in water purified</p>
	<p>TORAY</p>	
 <p>CORODEX</p>	 <p>Enhancing & Protecting your Water Assets</p>	
 <p>ETATRON D.S.</p>		<p>SIEMENS</p>
 <p>vahn-tech international inc.</p>		
	<p>VAL'MATIC</p>	<p>SCIENTECHNIC empowering tomorrow</p>
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TECHNOCHEM

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