



WATER TREATMENT SOLUTION

Purity
IN
EVERY

DROPS

DESIGN, MAINTAIN
DELIVER
QUALITY WATER TECHNOLOGIES

H₂Tech.Experts

H2O TECH.EXPERTS

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WE DESIGN AND DELIVER POTABLE, PROCESS, INDUSTRIAL, COMMERCIAL AND RESIDENTIAL WATER TREATMENT SOLUTIONS TO SPECIFICATION:

H2O Tech. Experts specializes in water treatment, offers solutions, equipment, engineering and formulations to industrial operators and municipal (cooling water for air cooling towers, boiler steam, drinking water, hot water, process water, and wastewater plant water).

WHAT WE OFFER

OPERATION & SERVICES

- MF, UF, NF and RO systems
- Sewage Treatment Plants
- UV and Ozonation units
- Media and Screen Filtration
- Chemical Dosing Systems
- Irrigation & Industrial Pumping Systems
- Water Softening
- Demineralisation Plants
- Potable and Waste Water Treatment Systems

DESIGN, ENGINEER & DELIVER

- Consultancy
- Laboratory analysis, testing & reporting
- Design & Engineering
- Project Management
- Installation
- On-site fabrication
- Commissioning
- System servicing
- Ongoing maintenance & operation
- Call out services

PROCESSES & TECHNOLOGIES

- Heat Disinfect Water Treatment System
- Drinking Water Filtration
- Water Filters
- Reverse Osmosis
- Nanofiltration
- Ultrafiltration & Microfiltration
- Ozonation
- Screen Filtration
- Multimedia Filtration
- UV Technology
- Water Re-use

ABOUT H2O TECH.EXPERTS

H2O TECH.EXPERTS, are a 100% Qatari owned & operated company with strategic alliances that allow us to tap into the latest Water & Wastewater treatment technology.

H2O Tech.Experts is an innovative, industry leading water treatment technology specialist serving environmental, municipal and industrial process markets.

Working closely with industry we combine our technical expertise with advanced treatment technologies to create practical solutions to resolve complex problems.

H2O Tech. Experts advanced; scientifically formulated range of specialty incorporates water treatment products for steam boilers, cooling systems; wastewater and effluent treatment chemicals, high performance of water filtration, UV system, reverse osmosis, membrane products.

Our wide range of technologies and extended know-how in all water-related sectors will guarantee you a cost-efficient solution meeting your water quality requirements.

We partnered and representing global suppliers based on best-in-class business practices and the quality of the end product.



**An Integrated Approach To Water & Waste
Water Treatment**

SERVICES

H2O Tech.Experts offers a wide range of processes, production and services utilised within the water industry, by creating solutions in a cost effective and environmentally responsible manner.

We engineer and deliver water treatment solutions to specification.

Our solutions are geared to provide clients with a complete solution to include:

Design, contracting on projects, supply of equipment, as well as operation and maintenance.



PROJECTS

All projects are executed in-house utilising experienced project management teams who are competent not only in the project execution requirements but can advise our clients on the contractual and commercial aspects of such projects.

EQUIPMENT & AFTER SALES MARKET

H2O Tech.Experts represents for specialised equipment that has shown technical and competitive advantage in this market.

SUPPLY, INSTALLATION & COMMISSIONING

In order to maintain control on the quality of our supply, H2O Tech.Experts partnered with the international leader of water treatment industries.

OPERATIONS AND MAINTENANCE

H2O Tech.Experts, through its own facility and in-house skills base, is able to provide Operation and Maintenance services during warranty periods on completion of all projects. We also offered as a service on existing plants where the client has a need for specialised Operation and Maintenance skills.

APPLICATION INDUSTRY FOCUS



We offer **extensive after-sales services** and **technical support**

We have an extensive list of satisfied clients across various industries, including:
Oil & gas, Food and Beverage, Agricultural, Government & Military and many more.

- ✓ Oil & Gas
- ✓ Onshore Drilling Camps
- ✓ Marine
- ✓ Municipal / Industrial
- ✓ Petrochemical

- ✓ Institutional
- ✓ Hotel / Resorts / Villas
- ✓ Military / Labor Camps
- ✓ Offices
- ✓ Ministry

- ✓ Agriculture
- ✓ Bottle Plants
- ✓ Food & Beverage / Factory
- ✓ Hospital / Clinics



Transform
your Water
and your
World

H2O Tech Experts is Authorized Distributor of 3M Water Filtration Products.

Sharing a common vision and the highest standards, we support each other's operations and secure the best possible outcomes and flexibility for every client, every time.

Authorised Distributor
Water Filtration Products



A young child with dark hair is shown in profile, drinking water from a chrome faucet. The child's hands are cupped around the spout. The background is a blurred indoor setting with a mosaic tile wall on the left. A large blue triangle is overlaid on the left side of the image, containing text.

3M™ Water Filtration.

**Empowering safe
and healthy living
for your home.**

Driven by our innovative spirit and passionate curiosity for over 75 years, we've innovate beyond the industrial market and integrate advanced filtration and expertise into residential water filters, specializing in point-of-use and point-of-entry water filters.

Aqua-Pure®

3M **CUNO**



3M Technologies Inside

3M AP2-G Filter based on our carbon block technology that efficiently reduces or inhibits:

- chlorine taste and odour
- slime and rust
- 99.95 percent of Protozoan cysts – Cryptosporidium and Giardia – that cause gastrointestinal illness like diarrhoea in humans
- lead and some volatile organic compounds (VOC)
- scale formation in hot water applications

UV inactivate the pathogenic bacteria such as Staphylococcus Aureus and viruses, sterilising your drinking water up to 99.9 percent



3M Science. Applied to Life.™



Choose the water filtration technology you can count on



Recipe
Quality
Water™

Scale reduction
for coffee, vending
and steamers

Aqua-Pure
WATER FILTERS



PolyKLEAN™
Filter Cartridges

All-Polypropylene
Rigid Thermal Bonded Filter



SERVICE SUPPORT



We offers extensive after sales service and technical support and stock a full range of spare parts, chemicals and consumables.

We also have a team of qualified technicians and service expert's on-hand, ready for dispatch on location to support customers.

They possess expertise and experience to effectively maintain our systems and those of other manufacturers. Annual Operation & Maintenance contracts can also be arranged for long term technical support of systems.

- ✔ Supervision of Supply, Installation & Commissioning
- ✔ After Sales Services _ Online & On-Site Support
- ✔ Maintenance contracts for Any Brand of Water Systems
- ✔ Repair & Recondition for Any Brand of Water Systems
- ✔ Stock-Components & Consumables
- ✔ High Qualified Technicians

OUR STANDARDS



QUALITY

High Quality Components from
Leading Global Manufacturers



USABILITY

Easy Operation
& Maintenance



DURABILITY

Advanced &
Safe Design



RELIABILITY

Systems Operating
Over a Years



PERFORMANCE

Superior Technical
Expertise



SERVICE SUPPORT

24/7 Support & On-site Dispatch

ULTRAFILTRATION

CHLORINATION
SKIDS

SPARES &
CONSUMABLES

BOOSTER
SETS

MBBR

PRODUCT LINE

UV SYSTEMS

RO WATER SYSTEMS





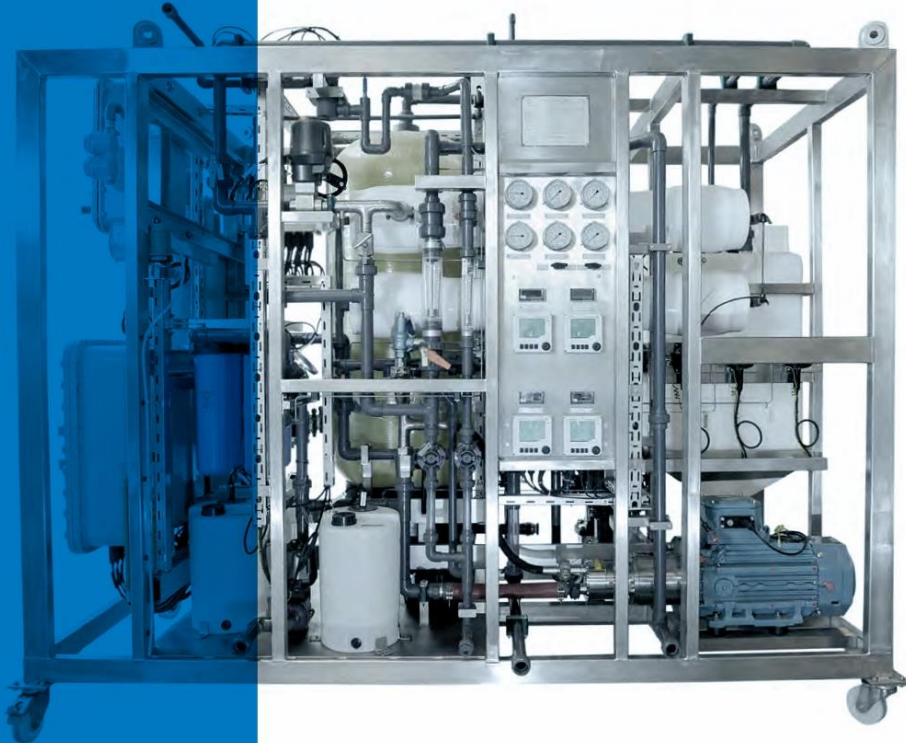
SCOPE OF WORK INCLUDES

- Chemical Dosing Pumps
- Swimming Pools Chemicals
- Desalination Reverse Osmosis Plants
- Waste Water Treatment Plants
- Sewage Treatment Plants
- Water Filters / Water Softeners
- Water Deionizers
- Ultra Violet System
- Submersible Pumps
- Water Bottling Systems
- Ozonation Systems
- Media for Filter/Softener
- FRP Tank Vessel
- Antiscalant and Chemicals
- Reverse Osmosis System & Membrane



RO SYSTEMS APPLICATION

Hazardous Zone



Ground water contains mostly unacceptably high levels of dissolved salts and minerals. Depending on the application, brackish water TDS is in the range of 1,000 to 10,000 ppm and high brackish TDS varies from 10,000 to 15,000 ppm.

Generally, water that contains TDS of above 15, 000 ppm is considered as a Seawater application.

Our Seawater RO systems are designed to treat raw water TDS up to 45,000 ppm. Capacities ranging from 5 m³/day to 4000 m³/day.

MBBR

WASTE WATER TREATMENT

A Moving Bed Biofilm Reactor (MBBR) requires less space than traditional wastewater treatment systems. The technology used polyethylene biofilm elements operation in an aerated wastewater regime.

Each individual biofilm element has a high protected surface area to support the growth of heterotrophic and autotrophic bacteria.



CUSTOMISED SOLUTIONS

SPECIAL DESIGNS FOR SPECIAL APPLICATIONS





ULTRAFILTRATION

MEMBRANE BASED SOLUTIONS



Integrated membrane systems with ultrafiltration (UF) are an effective solution for pretreatments of reverse osmosis desalination systems.

These systems offer reliable handling of difficult to manage waters, in regions that have traditionally experience feed water and pretreatment problems.

Systems are fully automated to reduce labor costs and enhance reliability.

The combination of Ultrafiltration and RO can enhance productivity while delivery consistent (product) water quality.



We also provide technical support and consultancy and on –site support the following:

- Raw water clarification
- Chemical optimisation
- Disinfection
- Scale and Corrosion control
- Microbiological control
- Odour control
- Lagoon and digester optimization
- Thermal processing
- Waste water reclamation

H2O Tech. Experts manages health related risks associated with waterborne pathogens and water quality issues for the following:

- Legionella pneumophila
- Escherichia coli
- Heterotrophic Plate Count
- Pseudomonas Aeruginosa
- Microbiological control
- Faecal Coliforms
- Various other virus, pathogens and protozoa's

HEAT DISINFECT WATER TREATMENT SYSTEM

By combining the advantages of RO technology with hot water disinfection, H2O Tech. Experts heat disinfect dialysis water system provides a superior blend of reliability, efficiency and patient safety. We offer multiple configurations for every budget, which include:

- Complete Heat Disinfect System (RO and Distribution Loop)
- Heat Disinfect Reverse Osmosis System
- Heat Disinfect Distribution Loop



**Heat Disinfect RO & Distribution
Loop (MediQA/Heatsan)**



**Heat Disinfect Distribution Loop
System (MROZ/Heatsan)**



**Heat Disinfect Reverse Osmosis
(MediQA)**



ONSITE INSTALLATIONS



PROJECT EXPERIENCE

- Primary Health Care Corporation Water Treatment Facility of 16 Health Center
- Hamad medical Corporation – Water Treatment Services
- Aqua Gulf Water – Water Treatment Services & Water Filtration
- WOQOD - Design Supply and Installation of Water Treatment Technologies
- Lulu Hyper Market - Water Treatment Services & Water Filtration
- Pepsi Cola – Design Supply and installation of Drinking water system
- Coca Cola – Design Supply and installation of Drinking water system
- Katara Hospitality – Design, Supply and installation of Food Services Water Filters
- UCC Qatar - Design Supply and installation of Drinking water system + Filtration systems







A quality
water filtration
solution.

CONTACT US

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