



Water Care Services
Pakistan (WCSP)

PROFILE

A Total Water Environmental
Management Company



Introduction

Water Care Services, is a Total Water & Environmental Management Company. Water is our passion and we take it as a noble cause. We offer the largest variety of water treatment technologies, products & services available. Our scope comprises off Research and guidelines on water treatment tools, Zero discharge, water softening plants, drinking water systems, filtration systems, reverse osmosis (RO) systems, disinfection systems and waste water treatment. WCSP qualified staff (engineers, chemist, environmentalist & fabrication team) provide an energy efficient, economical and relevant solution. We always strive to develop innovative indigenous technologies; this is why Water Care Services has a prominent edge over other traditional companies.

Background

Pakistan is a growing country with increasing needs of water treatment. In visualizing the needs, there was a wide gap in water management & Water Care Services Pakistan (WCSP), was established in 2007 to take up these challenges. We are a Total Water Management Company, with a rich talent of Water Treatment & Environmental management, Food processing and diversified field with specialty. WCSP claim A Total Water Management Company, makes it's distinguished and a single source of Industrial Water management with international credibility.

Water Care Services (WCSP), is an ISO 9001 & ISO 14001 certified reliable equipment and service providing company serving in Pakistan and outside. WCSP holds National & International memberships and accreditations. We are specialized in Total Water Management comprising of Project management, Designing, Fabrication of equipment, Installations, Erection and Commissioning. Our focus is to execute projects on turn key basis. Our scope of services in Total Water Management (TWM), Boiler water, Cooling Water, RO water plants, Effluents, Water treatment chemicals, Chemical free water treatment, Quality assurance, Water testing kits and Programs. We have more than 250 industrial clients spread in the region. We evolve & develop Water and Environmental management systems. WCSP own a high tech R & D lab where we develop intelligent solutions as per industrial requirements, so we optimize and evolve technology not just dump it.



We have qualified educated staff, including engineers, chemist, environmentalist & fabrication team to get it done. Our team dedicatedly works for current & future, water & environmental challenges, and provide with an optimal energy efficient, economical and relevant solution.

Vision

“Excellency in Services, Strive to serve in an innovative, efficient & pragmatic way, to get done even in better way”



CEO's Message

“We shall create a better living with a healthy and promising corporate culture.”



Partner



Our Scope

- 💧 Reverse Osmosis (RO) Plant
- 💧 Ultra-filtration (UF) Plant
- 💧 Water Filtration Plant
- 💧 De-mineralization system
- 💧 Distillation Plant
- 💧 Chemical Free Treatment
- 💧 Water Softening Plant
- 💧 Water Disinfection System
- 💧 QA System

Reverse Osmosis (RO) Plant

RO, a membrane technology to eliminate or reduce all dissolved salts (ions) from water. This produces water, soft and salt free. Water Care Services, RO plants are compact, skid mounted, and long life. Furthermore we do SLA with customer for their system trouble free operations & long life.



Silent Features

- 💧 Remove dissolved solids at the best level
- 💧 Reliable
- 💧 Highly efficient
- 💧 Operate at low energy level
- 💧 Fully automatic System
- 💧 Long life due to branded and heavy duty parts
- 💧 After Sales Services & online support

Ultra-filtration (UF) Plant

Ultra-filtration (UF), is a Membrane technology, to eliminate bacteria, virus and turbidity. Ultra-filtration (UF) does not allow finer particles, colloidal particles, virus, spores and bacteria to pass from the membranes. Ultra Filtration Membrane Plants are also designed in WCSP; these plants efficiently lower the probability of microbial growth.

Water filtration Plant

Everyone has right to access to potable water. Water filtration plants, to eliminate Arsenic, Nitrate and Fluoride, Makes water potable with pleasant and compliance.

Water Softening & Demin Plant

A water softener is a unit that is used to soften water, by removing the minerals (Calcium & Magnesium) that cause the water to be hard. Water softening is an important process, because the hardness of water in households and companies can be reduced during this process.

Silent features

- 💧 We do make water softeners from 100 LPH (lab scale) to 200 m³/hr.
- 💧 When water is hard, it can clog pipes and soap will dissolve in it less easily. Water softening can prevent these negative effects.
- 💧 It decreases the cost of domestic water heating by about fifteen to twenty percent. It expanding the life span of household /industrial machines and also increase life span of pipelines.
- 💧 It also contributes to the improved working, and longer lifespan of solar heating systems, air conditioning units, industrial pipeline network and many other water-based applications.

Mineral Water/Bottled Water & Water Shop

- 💧 State of the art machines
- 💧 Economic water purification
- 💧 Health improvement
- 💧 Awareness
- 💧 Sustainable development
- 💧 Water conservation
- 💧 Prosperity



Quality Control

Water Care Services Pakistan with hands in curium247labs modest water quality laboratory, provide water quality management program, for details do logon to www.curium247lab.com. All Products are analyzed there under quality



control experts. WCSP provide following quality control services to their clients:

- 💧 Setup of a comprehensive quality assurance system to make sure the quality of your products for trouble free working.
- 💧 By following a system minimizing nonconformance.
- 💧 Total Establishment/ improvement of Quality Control laboratory for water & wastewater according to national/International standards
- 💧 Establishing a full & comprehensive Laboratory management system meeting all the challenges.
- 💧 All Laboratory equipment & instruments selection, sourcing & purchase in competitive low rates.
- 💧 Calibration of Instruments/equipment
- 💧 Formulation & Standardization of stock solutions & dilutions.
- 💧 Establishment of documentation required by national/ International standards
- 💧 Guidelines & trainings for Safety, Health & Environment
- 💧 Full training to the Q.C staff of laboratory
- 💧 Mineral balancing formulation for a real taste.

Water Testing Kits

In field working & quick estimation, the best available options are curium series water testing kits. All the kits base on Standards Methods. Following testing kits are developed under control conditions:

- 💧 Bicarbonates
- 💧 Calcium
- 💧 Chloride
- 💧 Chlorine
- 💧 Nitrate
- 💧 Nitrite
- 💧 Ozone
- 💧 Sulphate
- 💧 Sulphite
- 💧 Total Hardness



Industrial Chemicals

We do provide industrial chemicals, in following fields.

- 💧 Industrial Raw material
- 💧 Water treatment chemicals
- 💧 Specific formulations & consultancy
- 💧 Minerals & salts.
- 💧 -Products for low, medium and high pressure boilers
- 💧 -Products for open reticulation cooling water system
- 💧 -Products for closed cooling water systems
- 💧 -Chemicals for microbiological control
- 💧 Organic and inorganic de-scalers and cleaners
- 💧 -Anionic and cationic flocculants
- 💧 -Chemicals for waste water treatment systems
- 💧 Drinking Water treatment chemicals (Food Grade)



Industrial Applications

Food & Beverage

Food processing is a very sensitive and controlled process. Purified water is a vital ingredient of beverages. We do provide water treatment system to comply those standards.

Textile Industry

In textile sector, the challenge is Zero discharge. We treat, water for dyeing & finishing process, for boilers, and effluents to get it reuse. Also potable water for all the workers as per drinking water standards.

Community & Masses

Water is a basic human need. Potable water is becoming a challenge. We treat water for communities and masses up to finest level. Healthy people a growing society.

Pharmaceuticals

Pharmaceutical, one of the growing industry of Pakistan. In pharma industry, there is a high purity water required, because they are processing for tablets, syrups and injectable. We provide standard equipment to meet these standards and do provide services as well.

Paints & Pigments

A sensitive process. Quality of dyes and pigments can't be maintained without a good quality of water. Our compact machines treat waters to get good quality of products and their yields as well.

Chemicals processing & fertilizers

Wide range of chemicals processing and fertilizers in any developed and developing country. There are variety of chemicals processing, like polymer, chlor alkali, fertilizers, resins, and organic formulations. We assist them with quality of machines to process water, and recycling as well.

Other Industries

Many allied industries, like car washing, fruit & vegetables processing, steel processing, tobacco and many other industries, which always require a quality of water for their quality of product.

Ozone Generation System

We do make Ozone Generators in stainless steel and Polymer Body. Ozone a unique key to disinfection and sterilization. Very Effective against Germs, reduces turbidity & bacterial load. WCSP can make from 100 mg to 2000 GPH Ozone systems. We do provide Warranty and after sales services.



Company management model

Water Care Services Pakistan is owned by its valued Human Resources. Every individual feels ownership, and contributes in progress on the company.

Values-based leadership

Upholding the principles of fairness and honesty, the company has earned a solid reputation as a hardworking operation which delivers what it promises. The outcome is a history of customer loyalty and return business as well as capacity to attract new business and clientele.



Curiosity of innovation and new challenges

Water Care Services Pakistan proactively seeks out ways to innovate and improve. The company readily integrates the specialized knowledge of other professionals with the practical skills of its own workforce to create a dynamic approach for finding new solutions and achieving outstanding outcomes.

Technological applications

Water Care Services Pakistan is at the forefront of technological change in the industry. Keeping abreast of new energy efficient technology, it ensures that its machine fleet is enhanced with the latest specialized equipment.

Environment considerations

Water Care Services Pakistan has maintained a strong commitment to care of the environment that is brought to reality through its exemplary conservation practices in the field. Customers can be confident that the natural attributes of the work site will be fully considered and damage ameliorated as a core working principle of the company. It is an expectation and responsibility of the Water Care Services staff as a team and as individuals.

Waste Water Treatment

Wastewater treatment is a process used to convert wastewater – which is water no longer needed or suitable for its most recent use – into an effluent that can be either returned to the water cycle with minimal environmental issues or reused.

Water pollution add substances or energy forms that directly or indirectly alter the nature of water body in such manner that negatively affects its legitimate uses.

By weight – 99.9% water – It is the 0.1% that we have added as waste. That 0.1% contains Organic matter, Microorganisms (a few of which are pathogenic) and Inorganic compounds.

Waste water can't be used without treatment because of:

- 💧 High Oxygen Demand
- 💧 High Biochemical oxygen demand
- 💧 High Chemical oxygen demand
- 💧 Presence of indicator organism fecal coliform, Escherichia coli and many disease causing microbes
- 💧 Elevated level of Solids content e.g. Total suspended solids and Total dissolved solids
- 💧 Bad Odor
- 💧 Degrade our natural resources and environment




After treatment waste water can be used for:


- 💧 Irrigation purposes
- 💧 Flushing
- 💧 Washing of roads, cars, building etc.
- 💧 Reduced water bills and energy cost
- 💧 Use of Treated Wastewater Could Reduce Freshwater Demand


For that purpose WCSP suggest one of best waste water technology “BioCleaner”.




Contact Information

 UAN: +92 (0)304-111 9277(WCSP)

 PH: WCSP +92 423 517 71 45

 FAX:WCSP +92 423 517 51 42

 Mobile: WCSP 0321-4105491,03218820099

Info@watercareservices.org



 watercareservices@ymail.com

 145 B II , Johar Town, Lahore

 www.watercareservices.org