



**Energy plus**  
Saving for the Future

SAVE THE WATER

COMPLETE SOLUTION PROVIDER FOR

# WATER TREATMENT

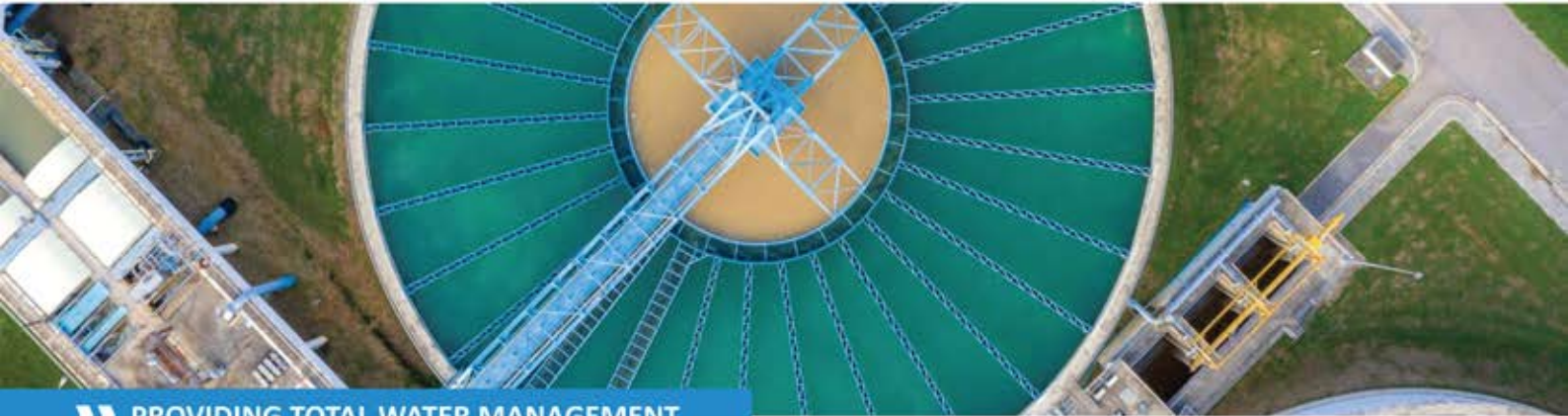
WTP | ETP | MAINTENANCE |  
RESIN | CHEMICAL | O&M

AUTHORISED DEALER

 **ION EXCHANGE**  
Refreshing the Planet

We do O&M of WTP , ETP , ZLD and other Water Treatment Plants.





» PROVIDING TOTAL WATER MANAGEMENT

Water is a precious resource that is vital for various industrial processes, as well as for human consumption and sanitation in today's society. Industrial water treatment plays a significant role in safeguarding the quality of water and protecting the environment. Let's delve deeper into the importance of industrial water treatment and why it is indispensable for our community.

» IMPORTANCE OF INDUSTRIAL WATER TREATMENT

The water treatment process involves the removal of contaminants from water to make it safe for use. This typically includes physical, chemical, and biological processes to eliminate impurities like bacteria, viruses, chemicals, and other harmful substances. Industrial water treatment plants utilize high end technologies to treat water on a large scale, ensuring that it meets safety standards regulated by governing bodies.

Water treatment also curtails the spread of waterborne diseases and ensures the cleanliness and sustain ability of water sources. Moreover, proper water treatment aids in preventing pollution and preserving aquatic ecosystems, benefiting the environment and future generations.



» WATER TREATMENT FILTERS

Water treatment filters are essential components of industrial water treatment systems. These filters purify water by trapping particles and impurities as water passes through them. There are various types of water treatment filters like sediment filters, activated carbon filters, and reverse osmosis membranes. By incorporating the appropriate filters into their water treatment systems, industries can guarantee thorough purification of water that is safe for their processes.

» WATER TREATMENT PLANTS

- 1 Multigrade Filter
- 2 Activated Carbon Filter
- 3 Iron Removal Filter
- 4 Arsenic Removal Filter
- 5 Floride Removal Filter
- 6 Clarifier
- 7 Softener
- 8 Reverse Osmosis (RO) Plant
- 9 Demineralisation (DM) Plant
- 10 Ultrafiltration (UF) System
- 11 Ultra Violet (UV) System

**MULTIGRADE FILTER**

These filters utilize multiple layers of media to effectively remove suspended particles, turbidity, and impurities, ensuring clean and safe water. Ideal for various applications, our multigrade filters offer durability, reliability, and superior filtration performance to meet your specific needs.



**ACTIVATED CARBON FILTER**

Utilizing high-quality activated carbon, these filters efficiently absorb organic compounds, chlorine, and harmful chemicals, ensuring pure and great-tasting water.

**IRON REMOVAL FILTER**

These filters effectively reduce staining, metallic taste, and odor, providing clean and clear water. Ideal for residential, commercial, and industrial use, our iron removal filters ensure long-lasting performance and superior water quality.







### CLARIFIER

Clarifiers are settling tanks built with mechanical means for continuous removal of solids being deposited by sedimentation. A clarifier is generally used to remove solid particulates or suspended solids from liquid for clarification and/or thickening. Inside the clarifier, solid contaminants will settle down to the bottom of the tank where it is collected by a scraper mechanism.

### WASTE WATER TREATMENT PLANTS

- 1 Sewage Treatment Plant (STP)
- 2 Effluent Treatment Plant (ETP)
- 3 Zero Liquid Discharge (ZLD)



Softener



Reverse Osmosis (RO) Plant



Demineralisation (DM) Plant



Ultra filtration (UF) System



Ultra Violet (UV) System

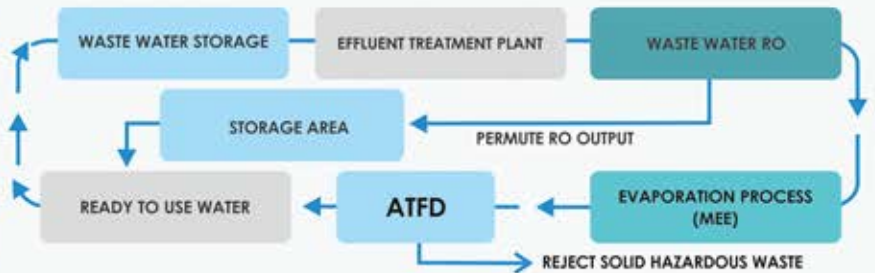
### WASTE WATER TREATMENT PLANTS



Sewage Treatment Plant (STP)



Effluent Treatment Plant (ETP)



Zero Liquid Discharge (ZLD)

### WATER TREATMENT CHEMICALS AND MORE

Welcome to our range of Water Treatment Chemicals and more. We offer high-quality chemicals for efficient water treatment, ensuring safe and clean water for various applications. Our products include coagulants, flocculants, biocides, and pH adjusters, tailored to meet your specific needs and enhance water quality and system performance.

### WATER TREATMENT CHEMICALS & RESINS

- 1 Boiler Water Treatment (BWT)
- 2 Cooling Tower Water Treatment (CWT)
- 3 RO Water Treatment (RWT)
- 4 Polyelectrolytes
- 5 Color Removal Chemical
- 6 Fire Hydrant Chemical
- 7 Fire & Fuel Additives
- 8 ION Exchange Resins



### BOILER WATER TREATMENT CHEMICALS

Boiler water treatment is the conditioning and treatment of boiler feed water with the purpose of meeting three objectives. In order for boiler water treatment to be maintained, there must be a continuous heat exchange, protection for high-quality steam, and corrosion protection.

### FIRE HYDRANT CHEMICALS

We provide top-quality chemicals that ensure the effective operation of fire hydrants, including antifreeze solutions, lubricants, and corrosion inhibitors. Depend on us for reliable and efficient products that meet stringent safety standards, ensuring your fire hydrant systems are always ready for action.







### WTP RESINS

Used for the removal of contaminants from the waste water so that it can be reused in the process cycle. the effluent generated from various industries can be treated using resins. these resins can be used in conjunction with etp & stp plants for the treatment of the water.

### OTHER SERVICES

- 1 Resins
- 2 Membrane
- 3 Media
- 4 RO & Other Spares
- 5 Water Treatment Instruments
- 6 Chemical Dosing System
- 7 WTP, ETP, WWTP Erection & Commissioning (E&C)
- 8 WTP, ETP, WWTP Operation
- 9 Annual Maintenance Contract (AMC)
- 10 Annual Service Contract (ASC)

### WTP MEMBRANE

A membrane process is any method that relies on a membrane barrier to filter or remove particles from water. Fluid is passed through the membrane because of the pressure difference between one side of the membrane and the other.



### RO & SPARES

Our catalog offers a comprehensive range of water treatment plant spares, ensuring optimal performance and longevity of your systems. We supply high-quality components for all types of water treatment plants, including filters, membranes, pumps, valves, and control systems. Trust us for reliable, durable, and efficient spares tailored to meet your specific needs and enhance operational efficiency.



## RAIN WATER HARVESTING PROJECTS

Transforming every drop into a sustainable future! Our rainwater harvesting services ensure efficient collection, storage, and utilization of rainwater, helping you save resources and contribute to a greener planet.



### OUR ESTEEMED CLIENTELE



**Bata**



**Cipla**

**CRESCENT**



and many more.

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