About Us:

Founded in 2007, Water Treatment Equipments, now renown as WTE Infra Projects Pvt Ltd. WTE Infra follows the principle, ‘Water is more than an amenity, it is a treasure.’ This makes the company a leading manufacturer and supplier of a wide range of engineered water and waste water treatment systems.

We work on world class standards for our production, installation and quality. We are ISO 9001:2008 certified company deals in manufacturing of Clarifiers, Tube Settler Systems, Filtration Plants, Ultra-filtration Plants, Softening Plants, DM Plants, RO Plants, Sewage Treatment Plants & Effluent Treatment Plants.

We focus on technological advancements and highest standards of quality, which has enabled us to become a privileged supplier globally. We export to Sri Lanka, Ethiopia, Nigeria, Bangladesh, Afghanistan, Indonesia, Malawi, Uganda, Kenya, Philippines, Zambia, Tanzania, Singapore, UAE, Togo, Myanmar, Dubai, Bhutan etc.

From Designing, Manufacturing to Installation & Services WTE is your one stop shop for all Water & Waste Water systems requirements.

Mission:

Understanding Customer Needs ← Innovative Ecofriendly Solutions

Our mission is to provide cost-effective solutions to our customers by eco friendly methods emerging with advance techniques that maximize overall system effectiveness through our unique proven advanced technology.

Taking this forward, we are working on our new 38,000 sq ft ongoing facility in Chakan MIDC. The manufacturing facility will be equipped with latest technology and integrated Machineries. This is a single step to achieve our mission 'to produce high quality, world class products' along with timely deliveries.
**Total Water and Wastewater Solutions**

Emerging as most potent and reliable company for integrated water and wastewater solutions

Our vision ‘creating a vivid, optimistic future, together’ is a message to our employees, clients and all industries that we are more than a premises, collection of projects and contracts. **Quality comes before everything else** for WTE Infra. We are not only looking at being the biggest in the field of water and waste water treatment but also being the best in terms of consumer value, customer service, client satisfaction beyond their expectation, consistent and predictable growth.

**Our Key Strengths Are –**

- Our Technical Expertise
- Quality Products
- Innovative
- Outstanding 24*7 service
- Cost-Effectiveness
- Team Work
- Mutual Benefit
- Reliable Services
- WTE offers an entire technical support team available 24*7 for clients.

**Advantages:**

WTE Infra believes on-time delivery and commitment. To ensure the same, we work with skilled man power and operate from an in-house manufacturing unit that works with the assistance of a dedicated projects and service team.

- Our products are easy to install, operate and to be maintain.
- Timely deliveries
- Perfect and optimum solution
- Low power consumption
- Less civil work and low capital cost.

**Our Team:**

![Our Team Image]
Clarifiers are extensively used for continuous mechanical removal of settle able solids from water and waste water. This assortment is design to meet Clients requirement and available in different specifications as per the application.

Technologies involved are -

- High Rate Solid Contact Clarifier - HRSCC
- Tube Settler - TSU
- Clariflocculator

**Salient Features –**

- To treat high turbid water

**Application-**

- Removal of Colloidal Silica
- Colour removal
- Primary treatment of waste water
We offer series of filters like vertical & horizontal pressure sand filter, activated carbon filter, dual media filter, iron removal filter in different sizes at a low cost, reliable and efficient way to filter impure water. It consists of different grades of sand, Activated Carbon, anthracite, MnO2 as per application.

Our unique design of Pressurized filter ensures that the maximum utilization of the surface area, lesser pressure drop across the filter bed and effective removal of the impurities like TSS, Turbidity, odour, color, free chlorine under permissible limit.

- Pressure Sand Filters: Removal of suspended solids & turbidity.
- Horizontal Filters: Removal of suspended solids & turbidity. These types of filters are capable of handling higher flow rates.
- Activated Carbon Filters: Removal of color, Odour and Free Chlorine
- Dual Media Filters: Removal of suspended particles, turbidity & color, odor & free chlorine in less quantity.
- Iron Removal Filter: Removal of dissolved iron content

**Salient Features**

- We provide wide range of standardized and custom built filtration systems.
- These filters are major part of treatment system; it works as pre or post treatment systems in raw water treatment plants or waste water treatment plants respectively.
- We have our own designing and manufacturing unit for vessels available in MSEP/MSRL/FRP/SS.

**Applications**

- Tertiary treatment for STP and ETP Plants, usage in WTP.
Water softening is the reduction of the concentration of calcium, magnesium, and other ions in hard water. We offer highly durable Water Softening Plant that is used to exchange ions through resin bed in sodium form and providing suitable soft water. The resin bed is regenerated using common salt solution for regaining its ability after a certain period.

**Salient Features**

- We have our own design and manufacturing unit for softening vessels available in MSEP/MSFRP/FRP/MSRL.
- Cost effective and easy maintenance.

**Applications**

- Cooling tower make up
- Utility/ Domestic purposes
Ultra filtration is a membrane based technology which is used for removal of suspended particles up to 0.01 micron size which results in SDI reduction. These membranes are available in 10 Kilo Daltons & 100 Kilo Daltons molecular weight cut off configuration as per the process requirements.

**Salient Features**
- The UF Plant is simple to operate, easy to maintain, automatic operation, compact and has adequate safety interlocks.
- Pretreatment to RO
- Post treatment to waste water Treatment Plants - TSS/Turbidity Reduction.

**Applications**
- Industries such as chemical and pharmaceutical manufacturing, food and beverage processing and waste water Treatment, employ ultra filtration in order to add values to later products.
Reverse Osmosis systems are designed and manufactured to remove dissolve solids (TDS) from raw water. We are using advanced membrane technology in our RO's to allow water to pass through a semi-permeable membrane of 0.0001 micron, which can even separate the smallest of microbes.

**Salient Features**
- Low maintenance, user-friendly & easy to install
- PLC based automatic operation

**Applications**
- Industrial Application
- Drinking purpose - Commercial & Residential
Demineralization is the process of removing mineral salts from water by using the ion exchange process. The DM plant comprises of strong acid cation, strong base anion & mixed bed unit. This results in less than 15 microSiemen/cm conductivity.

**Salient Features**

- User friendly, easy operation
- Low power consumption

**Applications**

- Boiler feed water in boilers ranging from low pressure to supercritical pressure.
- Industries such as sugar, power, battery, electroplating, fertilizers, pharmaceuticals, etc.
Sewage treatment is the process of removing contaminants from wastewater, primarily from household sewage. It includes physical, chemical, and biological processes to remove those contaminants and produce environmentally safe treated wastewater & to reduce fresh water consumption.

Technologies involved are -
- Activated Sludge Process - ASP
- Moving Bed Bio Reactors - MBBR
- Sequential Batch Reactor - SBR
- Membrane Bioreactor - MBR
- Submerged Aerobic Fixed Film Reactor - SAFF

Salient Features
- Recycle, Reuse & Reduce
- Packaged & Portable type
- User friendly, easy operation
- High quality treated water
- Less Foot Print area
We are having promising technologies to treat wastewater generated from various industries containing highly organic, inorganic load, oil & grease, heavy metals and suspended solids. Based on the effluent parameters as per nature & compositions, we design steady state model to overcome environmental issues related to industry. The processes involved for the treatment of various effluents are anaerobic (UASBR, Anaerobic filter, biodigester), aerobic (Diffused aeration), hybrid (anaerobic+aerobic). Our strength is to achieve the permissible limits of resultant treated water as per concern government norms.

**Salient Features**
- Silent in operation.
- Type - Batch & Continuous.

**Application**
- Sugar
- Electroplating
- Pharmaceutical
- Dairies
- Paper & Pulp
- Paint
- Food processing
- Automobile
- Chemical
WE DEAL IN
- Clarifiers
- Ultrafiltration Plants
- Filtration Plants
- Softeners
- Demineralization Plants
- Dealkalizers
- Chemical Dosing System
- Surge Vessel
- Condensate Polishing Unit
- Reverse Osmosis Plants
- Zero Liquid Discharge Plants
- Operation & Maintenance Contracts
- Sewage Treatment Plants
- Effluent Treatment Plants
- Revamping & AMC

CERTIFICATION & MEMBERSHIP

WTE Infra Projects Pvt. Ltd.
For Water And Waste Water Treatment System
(Formerly known as WTE-Water Treatment Equipments Pune)

Operations: I (Sales & Services)
BHOSARI - Sr. No. 60/1, Behind Pragati Hotel, Bhosari-Alandi Road,
Magazine Corner, Charholi (B), PCMC, Pune - 412 105
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Operations: II (Manufacturing)
CHAKAN - PAP 77, Nr Bridgestone Company,MIDC Phase II,
Tel: +91-8376968812  hr@watertreatmentindia.net

Reg. Office: 26/6, Apte Colony, Behind Ayappa Temple, Pune-Nashik Road, Bhosari, Pune - 411 039.
Branch Offices @ Bengaluru, Kolhapur, Nagpur, Hyderabad, Guwahati, Nashik, Aurangabad.

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