



**GLOBAL
ENVIROTECH**

Committed to save environment...



*Master's in water and
waste water treatment projects*



About Us

We are glad to introduce ourselves as a "Global Envirotech Engineers Pvt Ltd " which is a well-known organisation established in 2014. Our company is one of the esteemed organisations indulge in manufacturing and supply of plants required for water and wastewater treatment activities.

We have expertise in providing service and support required by our clients to control water and air pollution, and soil contamination. While providing consultancy services to our esteemed clients we ensure compliance with the rules and regulations laid by Maharashtra Pollution Control Board.

We all understand that the environment is one of the most important aspects to survive on Earth. Keeping this in our mind and to reduce pollution to the minimum level, our highly qualified team from different departments of Engineering provides the best possible solutions to our customers.

The motive of our company is not only to protect the environment but also provide excellent services by keeping all aspects of Health, Safety and Hygiene.

The Director of our esteemed company Mr Sayaji Khandait has 12 years of experience in the field of Environmental Services, Consultancy, Project execution, Engineering and Strong Management. With the help of our expert team in all sectors, we have successfully completed erection and commissioning of almost 120 different types of projects like ETP, STP, RO, UF and MEE Plants. Global Envirotech Engineers Pvt. Ltd. never compromise in quality and service, that's why we have a huge network of satisfied customers all over the country.



Our Services

- ▶ Design, Assembly, Construction, Supply, Erection and Commissioning of Effluent Treatment Plants, Sewage Treatment Plants.
- ▶ Visiting client location and then conducting surveys for treatability and feasibility studies on effluent streams and then finding out the most effective and economical solutions.
- ▶ Supply of Reverse Osmosis (RO) and Ultrafiltration (UF) water treatment plants.
- ▶ Supply of Industrial and Commercial water softener plants.
- ▶ DM and Mix bed water treatment plants.
- ▶ Design, construction, assembly and supply of zero liquid discharge plants in all sectors of Industries.
- ▶ We assist and guide our customers to adopt eco-friendly and economical practices to save the environment.
- ▶ Operation and maintenance of water and wastewater treatment plants.
- ▶ Excellent project management, material procurement, commissioning and supervision after project hand over.
- ▶ Air pollution monitoring by collecting samples of Stack emission, workplace and Ambient.
- ▶ Consent clearance from MPCB Authorities.



Team Work & People:

We will never deny saying that Employees are the main contributors to the success story of any Organisation. Our expert team members are quite dedicated and committed to finding out the right solutions for customer problems.



Customer Service:



Customer satisfaction is the main motive of our company. Our expert team always tries to understand the exact needs of the client and tries our level best to deliver the same. Our customer care executives are prompt to give desired services to all customers.



Mission & Vision :

Our mission is to establish a pollution-free environment for a healthy life. Secondly with progressive improvement want to achieve a milestone in the field of Water and Wastewater management services.





Projects:

Sewage Treatment Plants

Sewage is generated by residential, institutional, commercial and industrial establishments. Sewage treatment plant plays an important role in water treatment which effectively removes the varied contaminants from sewage. We all understand the sewage treatment plant has become a statutory requirement for all industries. We manufacture a sewage treatment plant with high quality of material and equipment which are very easy to install and operate.



Types of STP Plant:

MBBR: Moving Bed Bioreactor | SBR: Sequential Bioreactor | MBR: Membrane Bioreactor.

Advantages of STP Plants:

- ◆ Reduce the water budget as treated water can be used for gardening and toilet flushing purposes.
- ◆ Reduces the health risks associated with environmental pollution and reduces the water loss induced through water pollution.
- ◆ If used for gardening not only improves the growth rate of plants but also reduces the cost of chemical fertilizers.

Special features of our STP design :

- ◆ Excellent quality of the material is used.
- ◆ Compact design so less space is required.
- ◆ Easy to install.
- ◆ Easy to operate.
- ◆ Cost-effective and eco-friendly.

Advanced Technologies

We always try to transform Innovative ideas with world-class technologies. Our qualified and experienced Engineering team always try to deliver the best possible solutions for customer-specific needs.

MBBR Technology:

This technology is known as Moving Bed Biofilm Reactor process helps to improve reliability, simplify the operation and require less area than traditional wastewater treatment process. This technology employs multiple Plastic biofilm carriers operating in mixed motion of aeration tank.



Merits of MBBR Technology:

- ◆ Eco friendly and very much cost-effective technology.
- ◆ Develops a high-density bacteria population in less area.
- ◆ Increased density of bacteria which boost the rate of biodegradation within the system.
- ◆ Increases the process reliability and makes operation easy.
- ◆ Low sludge production.

Effluent Treatment Plants

We design, manufacture and supply a wide range of ETP plants for all types of industries. ETP plays an important role in treating industrial wastewater generated during different processes.

Design Methodology:

We collect the effluent sample for analysis and based on results we design the Plants and its different process level. The treatment of different effluents varies with their chemical composition.



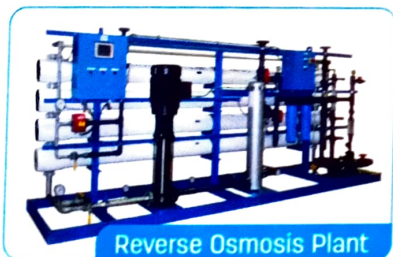
Types of ETP Plants we supply:

- Continuous process type ETP. Range- 10 KLD to 500 KLD.
- Batch type ETP Plants. Range- 500 Lit to 5000 Lit.

Silent Features of our ETP Plants:

- ◆ Compact design and easy for installation.
- ◆ Very economical.
- ◆ Up-gradation and modification can be done easily.
- ◆ Highly effective treatment for contaminated water.

Reverse Osmosis and Ultra Filtration Plants:



We have supplied our RO-UF plants in different sectors of industries like automobile, hotel and hospitals. As per daily requirement of RO water, we design, manufacture and supply these plants. Our company is well known for its advanced technologies adopted during the manufacturing of such plants. Our company set up a benchmark in this filed by using world-class quality products like membranes and filters.

Zero Liquid Discharge Plants

This system is boon in the field of wastewater management. This process is developed to remove all liquid waste from a system. The focus of ZLD plant is to reduce the wastewater economically and produce clean water which is suitable for reuse.

Advantages Of ZLD Plants:

- ◆ Reduce wastewater discharge.
- ◆ Can achieve high water recovery.
- ◆ Reduces dependence on local water sources.
- ◆ Recycle water on-site, lowering water acquisition costs and risk.





Operation and Maintenance Activities:

Global Envirotech Engineers Pvt Ltd also provides the services for operation and maintenance as well as take annual maintenance contract of ETP, STP and ZLD plants. Our operation and maintenance team have a good experience in this sector and aware of all the technical aspects of water and wastewater treatment plants. As our maintenance staff is well qualified and experienced, we deliver the best possible services to our all clients.



Special Features and Process of our services:

- ◆ We take the responsibility for the operation and maintenance of all types of water and wastewater treatment Plants.
- ◆ Monthly visit of the technical expertise to ensure the proper operation and maintenance of the plant once in a month.
- ◆ We maintain all documents like daily and monthly reports along with operation logbooks.
- ◆ We prepare the preventive maintenance schedule for all equipment's based on CBM & TBM.
- ◆ We maintain a record of consumables & utilities required to operate the plant on daily basis.
- ◆ The operating team will carry out the dosing of chemicals as per requirement.
- ◆ Good housekeeping and safety will be maintained all around the plant.



Research and Laboratories:

- ◆ Water and Wastewater sampling and analysis reports by MOEF approved labs.
- ◆ Noise level monitoring.
- ◆ Fuel gas analysis and report submission.
- ◆ Soil and groundwater analysis.
- ◆ Preparation of environment reports.
- ◆ Preparation of feasibility reports.
- ◆ Treatability studies and analysis.
- ◆ Ventilation, light and Illumination surveys.
- ◆ Baseline and post environmental clearance services.



MPCB Licence Clearance and Environment Audit Services:

- ◆ Consultancy service for the procurement of consent to establishment, consent to operate, renewal of consent.
- ◆ Preparation of environmental statement as per statutory requirements.
- ◆ Follow up with MPCB and other government authorities for consent clearance.
- ◆ Undertaking Effluent Treatment Plant performance efficiency audits.
- ◆ Comprehensive and rapid environmental impact assessment of industrial and other infrastructure projects.
- ◆ Preparation of detail project reports.
- ◆ Assistance in procurement of environmental clearance for MoEF.



Maharashtra Pollution Control Board
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GLOBAL ENVIROTECH ENGINEERS PVT. LTD.

Office Address:

St. no 513/2923, Aniruddha Building, First Floor, Sant Tukaram Nagar, Pimpri, Pune 411018

Reg. Address:

Plot No. 63/D1, Pritam Prakash Hights, Flat No-5, Indrayaninagar, Bhosari, Pune 411026.

Email:

globalenviropune@gmail.com
info@globalenvirotech.in

Contact:

9860249991
9657712431

www.globalenvirotech.in