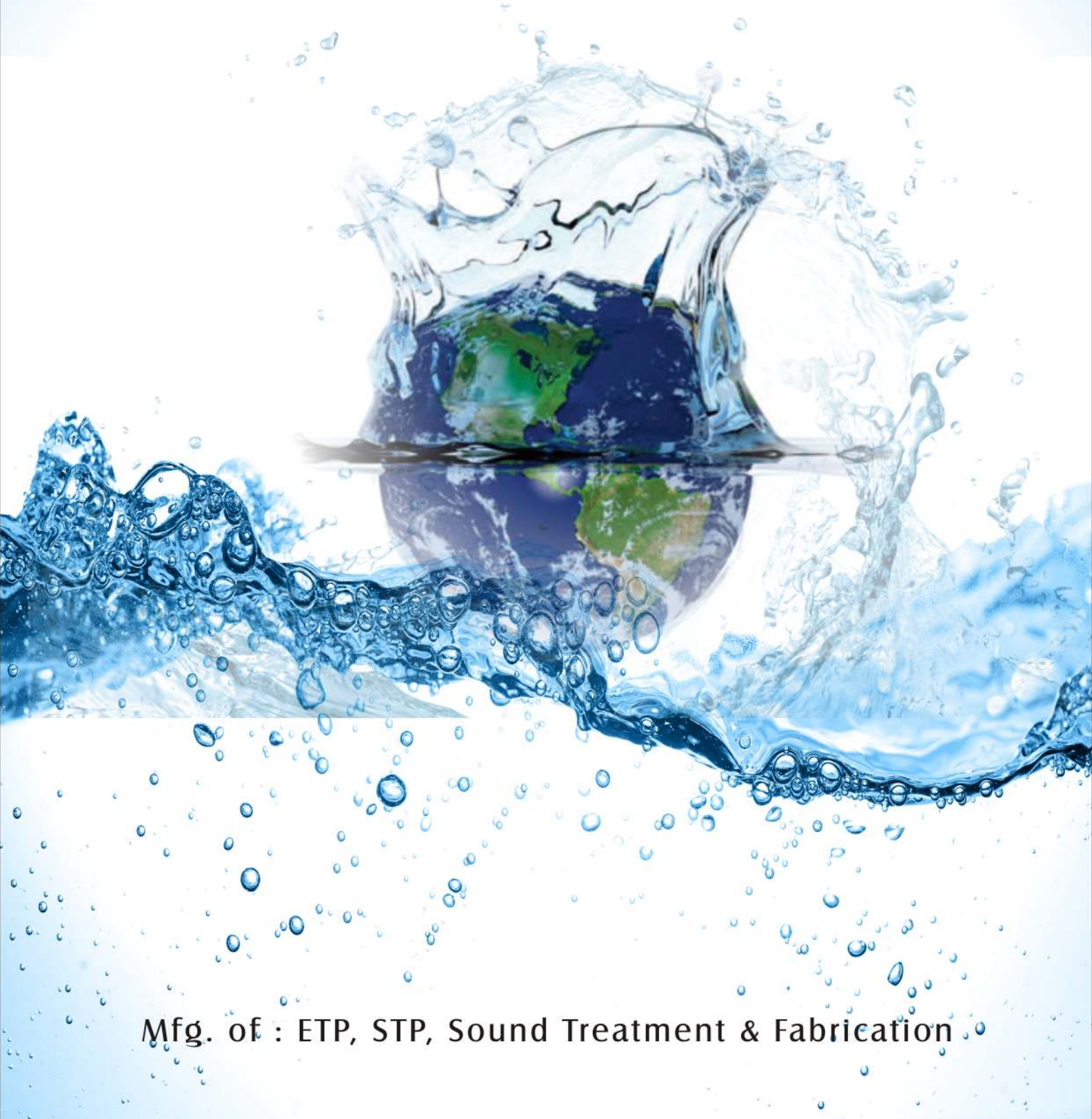




# *Essel Enviro System Pvt. Ltd.*



Mfg. of : ETP, STP, Sound Treatment & Fabrication

## COMPANY PROFILE

We take pleasure in introducing ourselves as one of the leading Engineering Corporation offering Design, Modification and services in the fields of **Water & Waste water treatment**, our diversified portfolio has been developed through Our experience in catering to specific requirements of our clients.

Specializing in comprehensive and integrated solutions (from concept to Commissioning) our focus remains on delivering low cost, easy to operate & compact plants and achieving maximum recycling of treated effluent.

The team is a bunch of professionals from the industry having unmatched experience.

M/S Esse! Enviro System Pvt. Ltd.. is one of the most diversified company dealing into anything related to water treatment, water handling, waste water treatment and recycling.

### We specialize in:

- Reverse Osmosis Systems for process and drinking.
- Effluent Treatment Plants.
- Sewage treatment Plants and Water Recycling.
- Turnkey Swimming Pool System.

We are committed to consolidating our position and reputation by adopting a flexible and open approach towards the needs of our clients by listening to and respecting their view, and being ahead of emerging trends and potential technologies breakthroughs, we are developing a stable client base with significant repeat business.



**BAR SCREEN**

For Removal of solid debris in sewage & effluent in coming channel Available in different size as per requirement. MOC;- MS & SS

## TECHNOLOGIES

### SEWAGE TREATMENT TECHNOLOGIES :

Our Sewage Treatment Plants cater in diversified areas such as Residential Complexes, Hospitals, Schools & Institutions, Hotels & Resorts etc., to name a few We have professional expertise to Design& consult in the following Sewage Treatment Technologies.

1. Extended Aeration
2. Submerged Aeration Fixed Film
3. FAB

### EFFLUENT TREATMENT TECHNOLOGIES:

Our Effluent Treatment Plants cater in diversified areas such as Textile Industry, Electroplating & Pickling Industries, Hospitals, Automobile Industries, Food & Beverages, Pharmaceutical Industries, Export Houses etc., to name a few We have professional expertise to Design & consult in the following Effluent Treatment Technologies.

1. Physio – Chemical Treatment
2. Biological Treatment.
3. Aerobic Treatment Plants
4. Activated Sludge Treatment Plants
5. Extended Aeration System
6. Diffused aeration System

## WATER TREATMENT PLANT

1. Filtration System
2. Sand Filters
3. Activated Carbon Filter
4. Micron Filter
5. Water Softening Plants.
6. Reverse Osmosis System.
7. Demineralization plants.
8. Mineral Water Plants



### CENTRAL DRIVE OF CLARIFIER

To Drive clarifier trouble free Suitable for 3m to 16m Clarifier.

MOC :- Cast Iron & Taflon Bush & phasphoraus bronze

## DRINKING WATER TREATMENT

1. Electro chlorinators
2. Hypochlorite Dosing
3. UV Sterilizers
4. Ultra Filtration
5. Reverse Osmosis
6. Ozonation
7. Disinfection
8. Nitrate Removal
9. Iron Removal
10. Arsenic Removal



### SCREW SCREEN & Screw Conveyor

To Remove debris from In coming Channel in sewage line. Available in different size.

MOC :- MS, SS

## SOFTNERS

WATER HARDNESS exists in significant areas of the country. Water softeners remove hard undesirable dissolved minerals that result in annoying white scales on fixtures, appliances and piping. Softening the water produces immediate benefits - reduce usage of soap & detergent, cleaner clothes, and better tasting food and beverages

## REVERSE OSMOSIS TECHNOLOGY

Reverse osmosis is the process of forcing a solvent from a region of high solute concentration through a membrane to a region of low solute concentration by applying a pressure in excess of the osmotic pressure. This is the reverse of the normal osmosis process, which is the natural movement of solvent from an area of low solute concentration, through a membrane, to an area of high solute concentration when no external pressure is applied. The membrane here is semi permeable, meaning it allows the passage of solvent but not of solute.



### Pressure Vessels

Multi Grade Filter, Sand filter, Activated Carbon Filter, Water Softener Available in different Sizes

MOC :- MS, FRP.

## TURNKEY SWIMMING POOL SYSTEM

We bring Swimming Pool Filtration Systems that keeps the water of your swimming

pool, hygienic, comfortable and enjoyable. We ensure that you receive the swimming pool purification systems solution that works best in terms of quality, compliance and cost. All systems are built with an exclusive modular design that allows for quick and simple inspection and cleaning of cells. These system allow for simple "in field" removal and re-installation of individual components without having to call for the services of an electrician or plumber.

We serve uninterrupted and hassle free filtration systems to residential, commercial and municipal sectors that consumes less time and maintenance troubles. We offer premium quality swimming pool filtration systems that are made for the total convenience of our customers.

We offer most advanced Swimming Pool Filtration Systems that are customized according to client specification and application. These are more commonly in demand with universities, public and private schools, hotels, bungalows, clubs etc.



### **Dust Collector & Cyclone**

For collecting & dust practical from atmosphere of shop floor .

As per requirement available in different sizes.  
MOC :- MS,GI. Complete with ID fan ,  
Filter bags & Air lock Valve.

### **Advantages :**

- Environmental Friendly
- Automatic Cell Cleaning
- Maintain Peak Cell Life
- High Purifier Production Efficiency
- Energy Efficient

### **THE VISION**

To provide "Complete Water Solutions" by re-engineering and integrating our technology and be a leader I& provide unparalleled quality engineering solutions and services .

### **THE QUALITY POLICY**

Esse! Enviro System Pvt. Ltd will strive towards eliminating quality losses to the society by continually implementing new technology and will inculcate a culture of continuous quality improvements and economic value addition, through optimal deployment of resources & waste elimination.



### **Tube Settler with media**

For settling of suspended solid from water.  
Available in different shape & Size as per capacity.  
MOC :- MS,MS FRP.

### **INTEGRATED SOLUTIONS**

We have been working with our clients to provide them across-the-board solutions, which integrate the above areas and are customized to their specific needs and for providing maximum economic and ecological advantage. We work as a partner, consultant & performance contractor, offering solutions as a single source. One of the key strengths of Esse! Enviro System Pvt. Ltd. We Consult & design and integrate technology and system for varied processes such as STP/ETP, RO, Plant , Softeners and Swimming Pool etc.

Esse! Enviro System Pvt. Ltd provides "Complete Water Design & Solutions" for turnkey projects. At the initial phase, we critically analyze specific requirements of the clients and accordingly design systems.

**These systems are commissioned seamlessly under the guidance of our experts to ensure uninterrupted process flow.**