



# *WATER* *Treatment Plants*





## Water : The Essence of Life

Water is the prime resource essential for survival of human life on earth. All ecosystems and habitats owe their existence to water. Fresh water is available only 2.7% though the surface of the planet earth is geographically covered with more than 70% with water. Sustainable water management in India is fast becoming a necessity with the looming crisis over water resources threatening the security and livelihood of the population and environment.

## Overview

We are happy to introduce ourselves as one of the leading Design Engineering Consultants and Manufacturing Solutions providers, offering service to various green field & brown field industries. Our Design Engineering services include engineering solutions related to Process, Piping, Mechanical, Electrical, Instrumentation, with an aim of serving across the industrial segments by providing value added and quality engineering services within stipulated time.

## Our journey so far

Working since 2013 to provide Engineering services in the field of Mechanical & Electrical Automation  
Grown sustainably over the years as a preferred "Service Integrator"  
Consistent record of over 70% businesses coming from repeat customers  
Our clients include Hotels, Hospitals, Pharmaceutical Industries, shipyards and so on  
Spotless record of many successful projects delivered in-time  
Technology partner with many industrial software and product companies  
Operating from Visakhapatnam with well-equipped development center in Andhra Pradesh

## Design and Engineering Setup

4500 Sq.ft of working area  
Software laboratory with integrated testing facility  
Team of Experienced engineers with exposure to Mechanical & Electrical Automation  
Computer aided design tools  
Associated with international OEMs

Here at ACE DYNAMICS, our innovative, sustainable solutions help our clients to address their Air, Water, Environment, Energy and Resource management challenges. Every aspect of our business is characterized by professionalism and high standards of corporate governance. Sustainability is embedded into our long term strategy for growth. Our commitment for Excellency is ingrained in our culture and at the forefront of every project.

ACE DYNAMICS is a 100% Indian Company, working on Eco-friendly water harvesting Management Technology. We do design, manufacture and undertake annual maintenance contracts for Water Treatment Plants, Waste Water Treatment Plants, Effluent Treatment Plants, Reverse Osmosis Systems and Ozone Generators under the brand name "BLUE SEA". Our cost effective engineering and Design drafting made our presence for both Green field & Brown field projects.

We manufacture state of the art, cost effective Ozone generators of different capacities. Our dedication towards the product and zeal to make the customer aware of the advantages and benefits of Ozonization has been key to our success. Ozone is a form of elemental Oxygen and very reactive gas with many commercial and Industrial applications. It is often used as an environmental friendly alternative to Chlorine or' Chlorine dioxide for bleaching, Sanitization or' disinfection of water & air.

In our other segment, we do provide comprehensive solutions by Design, Execution, installation & Operation of Hydro-pneumatic pumping systems. Being a service partner- we act as an integrator for DESMI- a 180 yrs Old Danish conglomerate in pumping technology. The Hydro-pneumatic system consists of multiple pumps connected in a series with a common suction & delivery line operated by pump controller & variable frequency drive upon demand supply. We cater various segments of customers covering Chemical, Pharmaceutical, Hotel, Hospital, Power, and Engineering OEMs.



## OUR VISION

Our vision and our distinct set of values drive the success and spirit of our organization. At ACE DYNAMICS, we live our values. We make strategic decisions, allocate resources and focus our choices every day. We are dedicated to creating an enduring premier enterprise built on a unique business culture that achieves success for our customers.

## OUR MISSION

We assist private & public entities to provide access to safe, clean portable water supply and treating waste water. Our Endeavour is for proper treatment and disposal of waste water and sewage to ensure that the generated waste water does not harm our delicate ecosystem and is recycled for further usage. ACE DYNAMICS also helps industry meet the ever increasing industrial waste water regulations, while improving efficiency and reducing waste disposal costs.

Our team-oriented, involved associates are our most valuable resource and we are passionate about attracting, developing and retaining the best talent. Living this value is done in three primary ways: 1. Building the right team: having the right people to do the job; 2. creating the right environment: making sure that leaders create an environment where all associates can contribute; and 3. Getting the win: when you have the right people and right environment, it makes getting the win a lot easier!

## OUR DOMAIN

Whether it's water treatment or pumping solution, we cover a broad range of applications and even wider variety of configurations. Our applications across an entire gamut of industries such as:

- Domestic & Commercial Buildings
- Healthcare & Hotel Industries
- Steel, Power & Cement
- Chemical & Process
- Pharmaceuticals
- Agriculture
- ? Textiles
- ? Heating, Ventilation & Air Conditioning

ACE DYNAMICS has integrated its strength in basic & in-depth engineering, process technology, project management, procurement, Fabrication & erection, construction & commissioning to offer distinct responsibility under strict delivery agendas.

## SCOPE OF SERVICE

- ? Ozonization Units
- ? Water Treatment Plants
- ? Automated Pumping Stations
- ? Swimming pool filtration systems
- ? Waste / Sewage / Effluent Treatment Plants
- ? Softener Plants, Reverse Osmosis Plants, DM Plants
- ? Operation & Maintenance of Water Supply Schemes

Our team has proven capability to design and develop systems for individual customer requirements. We install, test, train users on, and support these systems throughout their operational life cycles.

ACE DYNAMICS is a rapidly growing enterprise with focused expertise in design and manufacturing of filtration units for various purposes. We specialize in providing cost effective products and services for various application. We manufacture customized units in house by reducing the overall turnaround time for delivery without compromising on the quality.



**HYDROPNEUMATIC  
PUMPING SYSTEM**



**COMPACT ETP**



**COMPACT STP**

We cater range of plants suitable to customer needs :

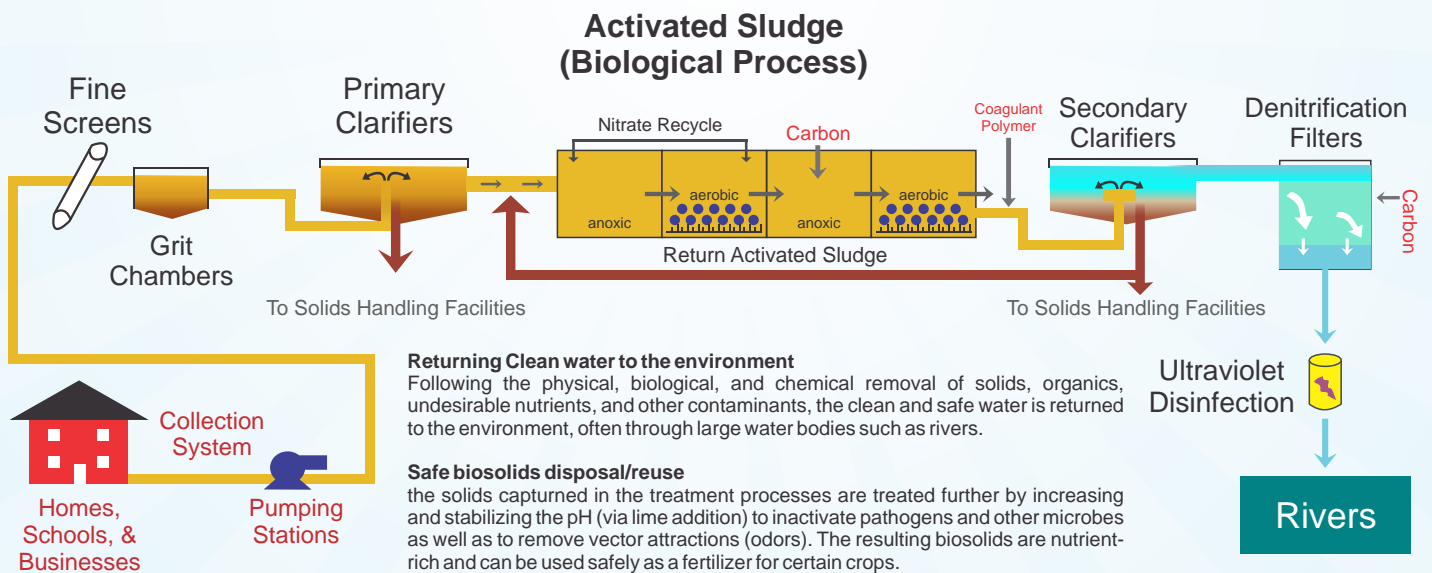
PACKAGED STP/ETP :	for underground installations 5 to 200 KLD
PRE-FABRICATED STP/ETP :	For above the ground installations 10 to 500 KLD
CUSTOM DESIGNED STP/ETP :	Customized as per site requirements 50-2000 KLD
RECYCLE PLANTS :	High quality water for reuse with UF & RO.

## OZONE GENERATORS



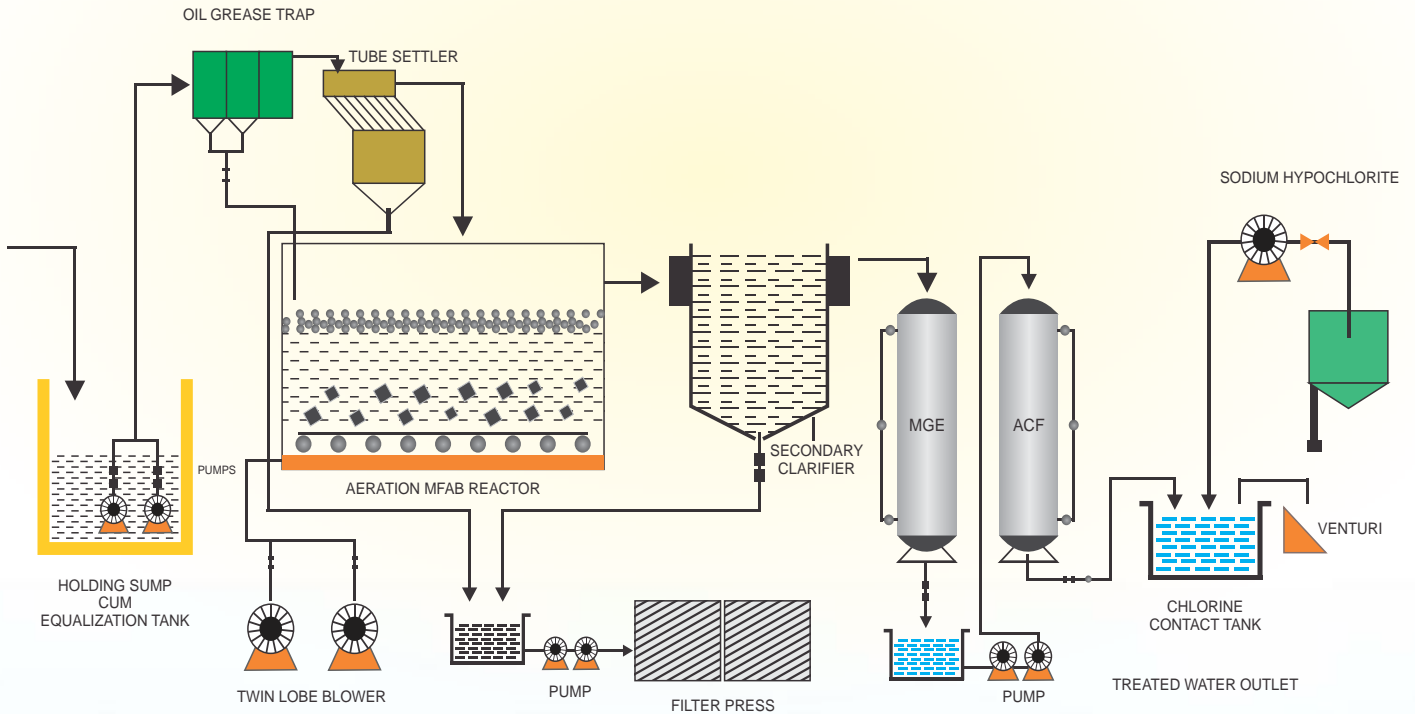
## WATER TREATMENT PLANT

### Waste water Treatment Plant Process





## LAYOUT OF EFFLUENT TREATMENT PLANT



*Save Water,  
Save Environment*





## OUR VALUABLE CLIENTS



### REGISTERED OFFICE:

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