

H2O ENGINEERS



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About H2O Engineers

- 💧 Professionally managed EPC Company
- 💧 Expert in Water and Wastewater Treatment sector
- 💧 One-stop service provider serves customers' all Water needs
- 💧 Carrying out Solid Waste Management
- 💧 Serve in Industries, Hospitals(Bio-medical waste) , Commercial, Hotels & Residential places

Having our corporate office in Chennai, India and branch offices in southern states like Kerala and Puducherry and growing constantly.

We can serve even from providing purest drinking water to your home, treating your sewage, serving to your gated community, residential complex, any industry and revamping of your existing problematic plant and so on.

Positive Reach

Service Flexibility

Jewel in the crown

Upgrade & Update

We have our expert, technically seasoned, customer-oriented expert team that provide total Environmental Solutions for water and wastewater systems under one roof, starting from Design, Engineering, Construction, Equipment Evaluation, Procurement and Supply of needy chemicals, Installation, Testing, Commissioning, Operation & maintenance services for all type of Industries, Hospitals, Malls, Colleges, Residential Complexes and wherever the need is.

Our technical team is constantly upgrading knowledge in new things in water solutions and foreseeing end-user expectations and their requirements and updating present day technologies.

WATER & WASTE WATER



Sewage Treatment Plant (STP)

Effluent Treatment Plant (ETP)



Water Treatment Plant (WTP)



Reverse Osmosis Plant (RO)



Ultra Filtration Plant (UFP)



Drinking Water Treatment Plant



SOLID WASTE MANAGEMENT

Bio Gas Plant



Incinerator

Plasma Gasification



OPERATION & MAINTENANCE

O & M – 99.9% uptime

- 🔥 Multiple Levels of Issue Escalation - To manage customer satisfaction
- 🔥 Log sheet maintenance – To observe anomalies
- 🔥 Flying surprise visits by Executive team
- 🔥 In-process Quality Control
- 🔥 Planned site visits by O & M in charge
- 🔥 Monthly Shift scheduling and adherence



PONVANDU
feel the difference!



Hindustan Prefab Limited
(A Government of India Enterprise)



Siechem
Wires & Cables



Jyothy LABORATORIES LIMITED



PEPSICO



Strides Shasun

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Chemical Supply

All Water & Waste Water Treatment Plant Chemicals.

We are authorized distributor for Buckman, USA for their chemical product.

Buckman is a global manufacturer of specialty chemicals for pulp and paper, leather and industrial water treatment, Waste water treatment, Cooling Tower, Boiler water chemical and process chemistry.

Empaneled with Buckman for chemical supplying in Tamilnadu, Pondicherry & Kerala.

Analytical and Service Support

- 🔥 Complete revamping of unconditional Water and Wastewater plants to the running condition.
- 🔥 Prepare Action plan for revamping – 3W1H - what, where, when, how
- 🔥 Analytical Services of Water and Wastewater sample, Air monitoring and Stack monitoring.
- 🔥 Supply of Spares and Equipment
- 🔥 On-site Service supports for all Water and Wastewater equipments.
- 🔥 Re-engineering the project.

BATCH TYPE SYSTEM FOR WASTE WATER TREATMENT

We have developed our own design of Waste Water treatment plant through batch type process.

The heart of the system is our engineered bacterial culture "HE BIOCUL - 901".

HE BIOCUL-901 is a powerful culture that will degrade the organics in the EBC tank and prepare the residual BOD for degradation through subsequent process.

Advantages

- 🔥 Our system is compact and space requirement (foot print) is very less compared to conventional treatment plant.
- 🔥 The treated waste water has COD <50ppm and BOD <10ppm.
- 🔥 The treated waste water is colorless and odorless.
- 🔥 This is a 100% closed circuit system. No where the waste water is exposed to atmosphere causing foul odor as in the collection tanks and aeration tanks of a conventional plant.
- 🔥 Maintenance and labor costs are low.
- 🔥 There are no chemical costs when disinfected with ozone.