



**VEDEEK**  
INDUSTRIAL SOLUTIONS

**Water is precious  
We treat it with  
Precision**

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## ABOUT US :

Since 2013, Vedeeek Industrial Solutions (a unit of VEDEEK REMEDIES) has earned a remarkable position in the water and wastewater treatment industry, offering high-quality treatment systems engineered for efficiency, durability, and economical performance. We specialize in the manufacturing, installation, customization, commissioning, and consultation of a wide range of treatment technologies, including STP (Sewage Treatment Plant), ETP (Effluent Treatment Plant), Industrial RO systems, Water Softeners, Iron Removal Filters, Demineralizing Plants, ZLD, Organic Waste Composter (OWC) and more. We provide solutions to Industrial, Institutional, Infrastructure and Domestic requirements.

We take turn key projects of Design, Supply, Installation, Commissioning and Comprehensive Maintenance of all the plants including Sewage Treatment Plants (STP), Effluent Treatment Plants (EPT), Organic Waste Composter (OWC), Demineralizing Plants, Water Softener Plants, Iron Removal Plants, RO Plants, etc.

We have a state-of-art manufacturing unit and trained manpower keeps us ahead in this industry. We design the plants as per the industry's standard quality requirements which are cost effective and have minimum operation expenses.

**3 COUNTRIES**

**18 STATES**

**300 CUSTOMERS**

**350+ PROJECTS**

**TREATING 10 MILLION+ LITRES OF WASTEWATER PER DAY**

## WHY WE STAND OUT :



Lesser turn around time for project execution owing to In-House Manufacturing facility

50+ Trained staff & technicians to cater all industry needs



Designed, Supplied & Installed 133+ Industrial RO plants pan-India across various sectors



Installed and Commissioned 200+ STP & ETP plants



Fabricated and Exported 17+ STP and Industrial RO plants across the globe

Varied experience in Civil, Electrical, Mechanical & Plumbing Sectors



# SEWAGE TREATMENT PLANT (STP)

## Principle of Sewage Treatment Plant :

A Sewage Treatment Plant (STP) treats wastewater generated from residential, commercial, hospitality, and industrial establishments through a combination of physical, biological, and chemical processes. The objective is to remove organic matter, suspended solids, and harmful contaminants, producing treated water that is safe for discharge or reuse and compliance with pollution control norms.

## Our Complete STP Solutions :

**We offer end-to-end Sewage Treatment Plant solutions, covering:**

- ▶ Customized system design and engineering.
- ▶ In-house manufacturing and fabrication.
- ▶ Installation, testing, and commissioning.

## Applications & Uses :

**Treated water from STPs can be safely reused for:**

- ▶ Toilet flushing.
- ▶ Landscaping and gardening.
- ▶ Irrigation systems.



## STP TECHNOLOGIES OFFERED

### MBBR (Moving Bed Biofilm Reactor) :

Compact and highly efficient biological treatment technology with excellent organic load removal.

### SBR (Sequencing Batch Reactor) :

Flexible and cost-effective batch process suitable for varying wastewater flows and loads.

### Industries & Sectors Served :

Residential townships, commercial complexes, hotels, hospitals, manufacturing units, and real estate developments.

### MBR (Membrane Bio-Reactor) :

Advanced system combining biological treatment with membrane filtration, delivering superior effluent quality.

# EFFLUENT TREATMENT PLANT (ETP)

## Industrial Wastewater Management Approach :

Effective treatment begins with understanding your wastewater. Agile Venture follows a structured approach:

- ▶ Identification of wastewater characteristics and contaminants
- ▶ Defining treatment objectives such as discharge, reuse, or cost reduction
- ▶ Designing a process that meets environmental standards and operational goals

Based on this assessment, we deliver complete solutions from concept to commissioning.



## ETP Uses & Benefits :

- ▶ Safe disposal or reuse of treated industrial wastewater
- ▶ Reduction in freshwater intake
- ▶ Compliance with pollution control norms
- ▶ Sustainable and responsible industrial operations

## Zero Liquid Discharge (ZLD) with MEE :

Zero Liquid Discharge is an advanced wastewater management strategy that ensures no liquid effluent is released into the environment. The system maximizes water recovery and minimizes pollution.

### Multi Effect Evaporator (MEE):

Concentrates effluent by evaporating water under vacuum conditions, reducing energy consumption and enabling

## Industries Served :

Textile, pharmaceuticals, chemicals, food processing, manufacturing, and allied industries.

# WATER TREATMENT PLANTS (WTP)

## Industrial RO Plant – Turnkey Solutions :

We provide high-performance Industrial Reverse Osmosis (RO) systems designed to remove dissolved salts, minerals, and impurities from raw water. Our RO plants improve water quality, enhance process efficiency, and reduce operational costs.

## RO Applications :

RO systems are essential for industries requiring high-purity water, including:

- ▶ Pharmaceuticals.
- ▶ Power generation.
- ▶ Electronics and manufacturing units.

Our solutions incorporate multi-stage filtration, energy-efficient membranes, and automation for consistent output quality.

## Water Softener Systems :

Our water softener plants effectively remove hardness-causing minerals such as calcium and magnesium. This prevents scaling in pipelines and equipment, improves operational efficiency, and extends equipment life.

## DM (Demineralization) Plant Solutions :

DM plants produce ultra-pure water by removing dissolved mineral ions through ion-exchange processes. These systems are critical where stringent water quality standards are required.

## Key Benefits :

- ▶ Improved equipment performance
- ▶ Reduced maintenance and downtime
- ▶ Consistent water quality for critical processes



# ORGANIC WASTE COMPOSTER (OWC)

## Complete Organic Waste Composter Solutions :

We offer efficient Organic Waste Composter (OWC) systems that convert biodegradable waste into nutrient-rich compost. These systems help organizations manage waste on-site while reducing disposal costs and environmental impact.

## Uses & Advantages :

- ▶ Reduction in landfill waste.
- ▶ Conversion of organic waste into valuable compost.
- ▶ Improved hygiene and waste handling.
- ▶ Support for sustainable and eco-friendly practices.

## Applications :

Our OWC systems are ideal for:

- ▶ Residential complexes and societies.
- ▶ Hotels and resorts.
- ▶ Industrial canteens.
- ▶ Markets and institutional facilities.

## Technologies Used:

Our composters utilize advanced technologies such as:

- ▶ In-vessel composting systems.
- ▶ Microbial composting processes.

These technologies ensure faster decomposition, odour control, and efficient compost generation.



# CLIENTELE

				
				
				
				
				
				
				
				
				
				
				



# VEDEEK

INDUSTRIAL SOLUTIONS

A Unit of Vedeek Remedies



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