



SMART Solution for
SUPERIOR Water Needs

WATER & WASTEWATER TREATMENT EQUIPMENTS

WATER TREATMENT PLANTS

WASTEWATER TREATMENT PLANTS



ABOUT US

HAR Wassertec provides the best solutions for treating even the toughest water at the most economical operational cost. Committed to the "Last Drop Concept" theory of saving the optimum quantity of water while treating, HAR Wassertec offers maximum value for money and stands by its solemn pledge to build a better world with pure water, as pure water is the world's first and foremost medicine. HAR Wassertec is one of the fastest growing water treatment company in Asia, we specialize in water treatment components distribution, design and fabrication of water treatment plant, waste water treatment plant and after sales services in national as well as international market.

It is our privilege that we have a dedicated set of reputed customers and we take pride in manufacturing perfect systems for them with good quality components that ensure optimal performance of the plant over a longer period of time. As a result, many of our customers have patronized us for all their requirements of water treatment equipments and water treatment plants continuously over a period of many years.

NO NATURAL RESOURCE ON **EARTH** IS MORE
VITAL FOR SURVIVAL THAN **CLEAN WATER**

PRESENCE IN
ASIA, AFRICA,
EUROPE &
AMERICA

HIGHLY EXPERIENCED
TEAM WITH MEMBERS HOLDING
HIGH EXPERTISE
IN THE FIELD

HAR WASSERTEC PVT. LTD. WAS FOUND WITH THE IDEA THAT
IT IS IMPORTANT FOR CONSUMERS AROUND THE WORLD TO
HAVE SUSTAINABLE ACCESS TO AFFORDABLE **CLEAN WATER**

STATE-OF-THE-
ART WTP
ASSEMBLY
FACILITY

SAVING MORE THAN **6.76 BILLION**
GALLONS OF WATER ON AN
ANNUAL BASIS

HIGH PERCENTAGE OF REPEAT BUSINESS

WIDE SPREAD OF
TECHNOLOGY IN THE INDUSTRY

FROM DESIGNING TO
INSTALLATION OF PLANTS

SOLVING THE TOUGHEST
WATER CHALLENGE

KEY TECHNOLOGIES	SECTORS	SOLUTIONS	EQUIPMENTS
DEPTH FILTRATION ION EXCHANGE RO PLANT	COMMERCIAL INDUSTRIAL GOVERNMENT OIL & GAS	WATER MANAGEMENT WASTE WATER MANAGEMENT DRINKING WATER ZERO LIQUID DISCHARGE WATER MANAGEMENT FOR OIL & GAS	<ul style="list-style-type: none"> • Membrane & Accessories • Rotating Equipments • Waste water treatment Equipments • Consumables • Resin • Electrical Equipments & Accessories • Instruments & Automation

WE CONSTANTLY STRIVE TO EXPLORE NEW TECHNOLOGIES THAT ARE COST EFFICIENT
AND EASY TO OPERATE & MAINTAIN

EQUIPMENTS AND SPARE PARTS



Membranes and Accessories

- Ultra Filtration Membranes
- Reverse Osmosis Membrane
- Membranes Pressure Vessels
- FRP Tanks
- FRP Tanks with Side Manhole
- Multi Port Valve
- Distribution System

Consumables

- Micron Cartridges
- Bag Filters
- RO Antiscalant
- Water Treatment Chemical

Rotating Equipments

- Dosing Pumps
- High Pressure Pump
- Screw Pump
- Blowers
- Dosing Systems
- UV Systems
- Scrubber Systems

Filtration Media

- Activate Carbon (Charcoal & Coconut Based)
- Anthracite
- Iron Removal Media
- Fluoride Removal Media
- Pebble, Gravel & Fine Sillex

Resins

- Softener Application
- DM Application
- MB Application

Waste Water Treatment Equipments

- MBBR Media
- Tube-Settler Media
- Fine Bubble Diffuser
- Coarse Bubble Diffuser
- Filter Press
- Air Blower

Electrical Equipments & Spare parts

- Motors
- Lights and fittings
- Relays and breakers
- Cable and cable trays
- PLC, SCADA

Instruments & Automation

- Rota Meters
- Digital Flow Meters and Controllers
- TDS, Conductivity & pH Indicator and Controllers
- Pressure and Temperature Gauges
- Pneumatic Actuator

Water Handling Equipments

- Pressure Boosting System
- Hydropneumatic Tanks
- Booster Pump



OUR SOLUTION



EVERY DROP COUNTS...
At HAR Wassertec, we provide complete and comprehensive water-purification solutions for treating water bodies and wastewater needs.

WATER TREATMENT

We offer a wide range of technologies as well as the combinations of the same to remove physical, bacterial, inorganic dissolved solids and all other impurities from water at the most reasonable prices.

TECHNOLOGY & PRODUCTS

DEPTH FILTRATION:

- Pressure Sand Filter
- Activated Carbon Filter
- Iron Removal Filter
- Multigrade Filtration

ION EXCHANGE:

- Softner
- D. M. Plant –2 bed
- D. M. Plant –3 bed
- Standalone Mixed bed

DISINFECTION:

- Dosing
- Ultra Violet System
- Ozonator

OTHERS:

- Degasser
- Nano Filtration
- EDI

MICRO/MEMBRANE FILTRATION:

- Micron Cartridge Filter
- Ultra-Filtration

RO PLANT:



WASTE WATER TREATMENT

RETRIEVING EVEN THE LAST DROP...

We, at HAR Wassertec Pvt. Ltd., provide potent solutions for purifying waste-water, domestic and diverse industrial contaminations. While doing so, we ensure that the maximum amount of water is treated to the level that it can be reused. Wastewater can be reuse classified into two types: Sewage wastewater and Effluent wastewater.



STP

Sewage treatment is the process of removing contaminants from wastewater generated from industrial or domestic sewage using physical, chemical, and biological processes. The objective is to produce an environmentally safe fluid waste stream and a solid waste (or treated sludge) suitable for disposal or reuse usually as manure. The treated water after tertiary treatment can be used for cooling towers, horticulture, flushing and washing.

We at HAR Wassertec offer various advance technologies with low foot print as per customer requirement. The Package STPs from 10 KLD to 150 KLD are ideal for applications where time and area are the essence of the project. Higher capacity STPs require civil construction.



TECHNOLOGIES OFFERED

FAB (Flocculating Aerobic Bio Reactor):

The process uses floating PVC media and a two stage design for higher efficiency. It requires minimum height of 5m and preferred for above ground installations. The process requires high degree of pre-treatment for sewage from the kitchen waste.

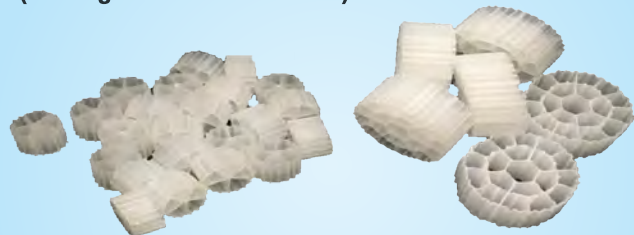


SBR (Sequence Batch Reactor):

It is a type of the activated sludge process which combines all the process (fill, react, settle, decant, idle). The installation consists of at least two identically equipped tanks with a common inlet, which can be switched between them. The tanks have a flow through system, with raw wastewater (influent) coming in at one end and treated water (effluent) flowing out of the other. While one tank is in settle/decant mode the other is aerating and filling.



MBBR (Moving Bed Biofilm Reactor):



The process is based on the aerobic biofilm principle and utilizes the advantages of activated sludge and other biofilm systems without being restrained by their disadvantages. The basis of the process is the biofilm carrier elements that are made from polyethylene which provide a large protected surface area for the biofilm and optimal conditions for the bacteria culture to grow and thrive.

MBR (Membrane Bio Reactor):



When the treated water is to be reused and is used as feed water for Reverse Osmosis, a high degree of purity with low BOD & COD is essential. This process makes use of reactor tank and a set of membrane filters which are either submerged or are in cross-flow type design which helps to achieve the desired result.

EFFLUENT TREATMENT

Effluent Treatment covers the mechanisms and processes used to treat water that have been contaminated in some way by anthropogenic industrial or commercial activities prior to its release into the environment or its reuse. Effluent treatment plants may also be utilized effectively for a cluster of small scale industrial units. ETPs can be based on physio-chemical or biological treatment, in presence of air (aerobic) or in the absence of air (anaerobic).

HAR Wassertec provides solutions on a turnkey basis right from conceptualization to commissioning. Our solutions related to ETP include:

- Primary Treatment (Coagulation, flocculation and clarification)
- Secondary Treatment for aeration, clarification and disinfections
- Tertiary Treatment for colour removal and reduction of TDS
- Recycling of water



CUSTOMER CARE SERVICES

Water Audit

Due to reducing availability and decreasing quality of water, it is crucial for the society and industries to monitor their water consumption and infrastructure. Audit like other energy audits could become mandatory for industries in time to come. HAR Wassertec can provide water audit to all type of industries to improve their plant efficiency.

HAR Wassertec can supply plant, equipments and provide reliable back-end support and services to cope up with customers on contract basis to reduce plant downtime and to improve productivity.

CUSTOMER CARE SERVICE

- Annual Maintenance contract
- On Call Service
- Pilot Plant Study
- Water Audit
- System Validation
- Augmentation
- Retrofit and revamping
- EIA
- EMP



SUPPORTING PARTNERS



HAR WASSERTEC PVT. LTD.

D-4, IGNOU Road, Neb Sarai, New Delhi – 110 068
 ☎ : +91 +91 9910 288 760, +91 96437 56711
 E-mail: info@harwassertec.com, sales@harwassertec.com, harwaser@gmail.com

www.harwassertec.com

